

B U F F A L O

SEWER AUTHORITY

2019 – 2020

BUDGET

BUFFALO SEWER AUTHORITY

2019 – 2020

OPERATING BUDGET

PREPARED BY

BUFFALO SEWER AUTHORITY

ADMINISTRATIVE DEPARTMENT



INDEX

	<u>Section</u>
Budget Message.....	A
Budget Summary	B
Budget Appropriation Details	C
Budget Revenue Details	D
Detailed Salary Schedule.....	E
Five-Year Capital Plan	F

SECTION

A

BUDGET MESSAGE

April 3, 2019

TO THE MEMBERS OF THE BOARD OF THE BUFFALO SEWER AUTHORITY

Board members:

This budget document, complete in all detail for operations during the fiscal year commencing July 1, 2019, is formally submitted for your examination and approval.

The 2019-20 Budget for the Buffalo Sewer Authority totals \$57,950,000. This is an increase of \$2,200,000 from the current budget. There will be no increase to sewer rents charged by the Buffalo Sewer Authority for fiscal year 2019-2020.

APPROPRIATIONS

A summary of appropriations with those of the current year is as follows:

	<u>2018-19 Budget</u>	<u>2019-20 Budget</u>	<u>Change from 2018-19 Budget</u>
General Offices	\$1,544,826	\$1,943,476	\$398,650
Wastewater Treatment Facility	24,101,841	26,037,503	1,935,662
Industrial Waste	667,499	657,226	(10,273)
Engineering	1,424,989	1,545,076	120,087
Sewer Maintenance	5,512,390	4,736,856	(775,534)
Financial Charges and Fringes	17,364,309	17,923,481	559,172
Debt Service & Reserve Account	<u>5,134,146</u>	<u>5,106,382</u>	<u>(27,764)</u>
TOTAL	\$55,750,000	\$57,950,000	\$2,200,000

A labor agreement was reached with the Communications Workers of America (CWA), the blue-collar union of the Authority. This new agreement runs through June 30, 2022. The labor agreement with CSEA Local 815, which is the white-collar union, expired June 30, 2018. The process to negotiate a new agreement with CSEA is underway.

REVENUES

The Levy of Sewer Rents based on assessed value will be \$12,050,000 for the 2019-20 Budget. This represents the amount of Sewer Rent that the Buffalo Sewer Authority will collect from all real property in the City of Buffalo except those properties exempt by law. This amount, when spread over the total estimated assessment for sewer purposes from the Department of Assessment, will result in an annual sewer rent of approximately \$1.61792269 for each \$1,000 of assessed valuation. This compares with the current year as follows:

	Total Assessed Value of Chargeable Property	Sewer Rent Rate Per \$1,000 of Assessed Value
2019-20(est)	\$7,363,785,602	1.63638659
2018-19	\$7,447,821,869	1.61792269
Change	-\$84,036,267	0.01846390

Any further change in the assessed value of taxable properties will require an adjustment to the assessment sewer rent to maintain this levy. If the final assessed value as determined by the City Department of Assessment increases or decreases, the sewer rent per \$1,000 will correspondingly increase or decrease by \$.00026927 for each \$1,000,000 change in assessed value.

Flat rate sewer rents continue to be charged based on property characteristics (i.e. number of stories, front footage, etc.). There will be no increases to those charges. The sewer rent meter charges will continue at the same rate of \$11.09 per 1,000 cubic feet. All flat and meter accounts will continue to be assessed a capacity/drainage charge at a minimum of \$6.00 per month.

The details of revenues for 2019-20 are in Section D of this Budget. A summary of the revenues is as follows:

	<u>2018-19 Budget</u>	<u>2019-20 Budget</u>	<u>Change from 2018-19 Budget</u>
Assessment Sewer Rent	\$12,082,600	\$12,087,600	\$5,000
Water Use Sewer Rents	25,400,000	26,925,000	\$1,525,000
Outside City Contracts	13,250,000	11,550,000	(1,700,000)
Industrial Waste	1,822,000	3,120,000	\$1,298,000
Interest Income	2,249,000	3,020,000	771,000
Miscellaneous	<u>946,400</u>	<u>1,247,400</u>	<u>301,000</u>
TOTAL	\$55,750,000	\$55,750,000	<u>\$2,200,000</u>

FIVE YEAR CAPITAL PLAN

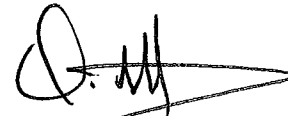
According to the Supplemental Bond Resolution, adopted by the Buffalo Sewer Authority on May 3, 1993, a five-year capital plan will be adopted as a part of the Annual Budget. The details of the capital plan are contained in Section F. Funding for each capital project is based on the most cost effective method available. A bond sale, lease purchase or the use of reserve funds for capital projects may be used to fund these projects. The capital plan for 2019-20 totals \$27,450,000. Of this amount, \$9,100,000 is for treatment plant rehabilitation projects and \$18,350,000 is estimated for renovations to the current collection system.

BUDGET PLAN

The Board and the General Manager of the Buffalo Sewer Authority are committed to this budget. We are also determined to continue to find more efficient and effective ways of operating the Authority. A few of the projects being pursued that will provide a strong foundation that will enable the Authority to provide a high level of service to the community include wet weather capacity improvements, green infrastructure initiatives, and various projects that will continue to cut our electric and gas consumption. This 2019-20 Budget is the financial plan allowing us to continue on this mission.

Finally, I would once again like to acknowledge and personally thank the Board Members and the employees of the Buffalo Sewer Authority. Without their support and cooperation, the progress and improvements to the entire sewer system would not be possible.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'O. McFoy', with a long horizontal flourish extending to the right.

Oluwale A. McFoy, P.E.
General Manager

SECTION

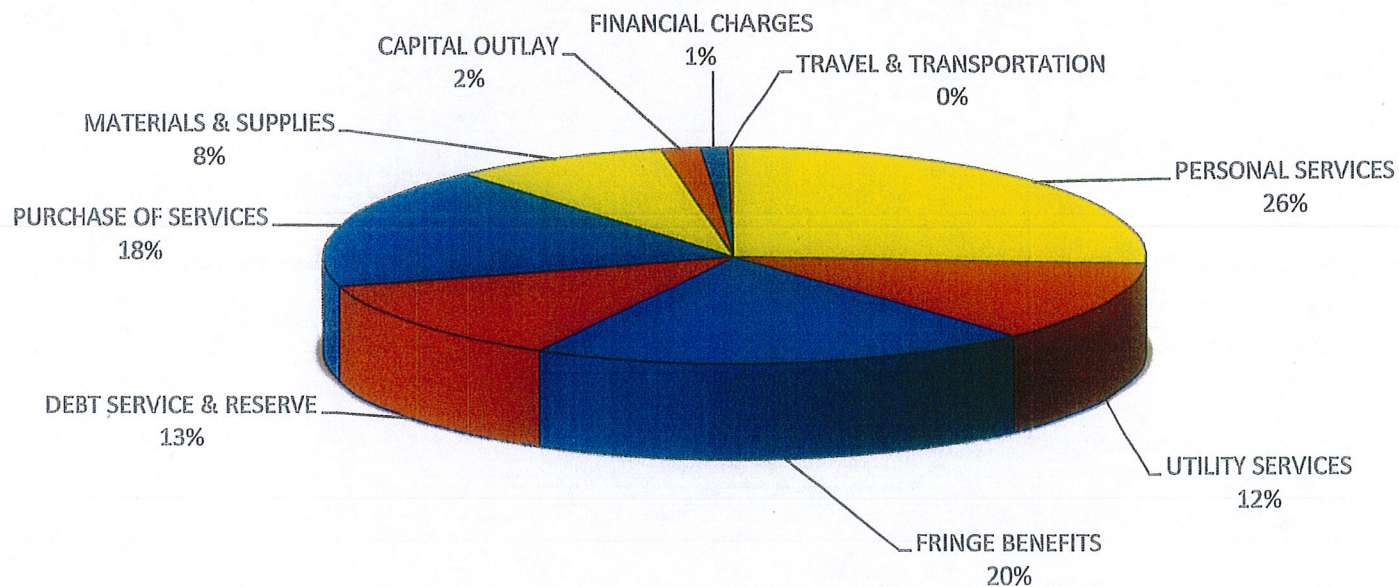
B

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY DIVISION

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
91 BSA ADMINISTRATIVE DIVISION	1,420,368.00	1,457,671.12	1,609,507.24	1,115,549.06	1,943,476.00
92 BSA WASTEWATER TREATMENT PLANT	16,607,885.44	17,686,447.94	24,160,985.05	11,571,806.31	26,037,503.00
93 BSA INDUSTRIAL WASTE DIVISION	529,168.44	538,867.03	667,499.00	342,754.53	657,226.00
94 BSA ENGINEERING DIVISION	874,015.53	1,030,198.58	1,424,989.00	634,251.20	1,545,076.00
95 BSA SEWER MAINTENANCE DIVISION	3,103,106.49	3,907,255.04	5,527,390.00	2,048,981.44	4,736,856.00
98 BSA GENERAL FINANCIAL CHARGES	57,420,920.29	56,101,302.80	22,359,629.71	29,183,980.74	23,029,863.00
TOTAL	79,955,464.19	80,721,742.51	55,750,000.00	44,897,323.28	57,950,000.00

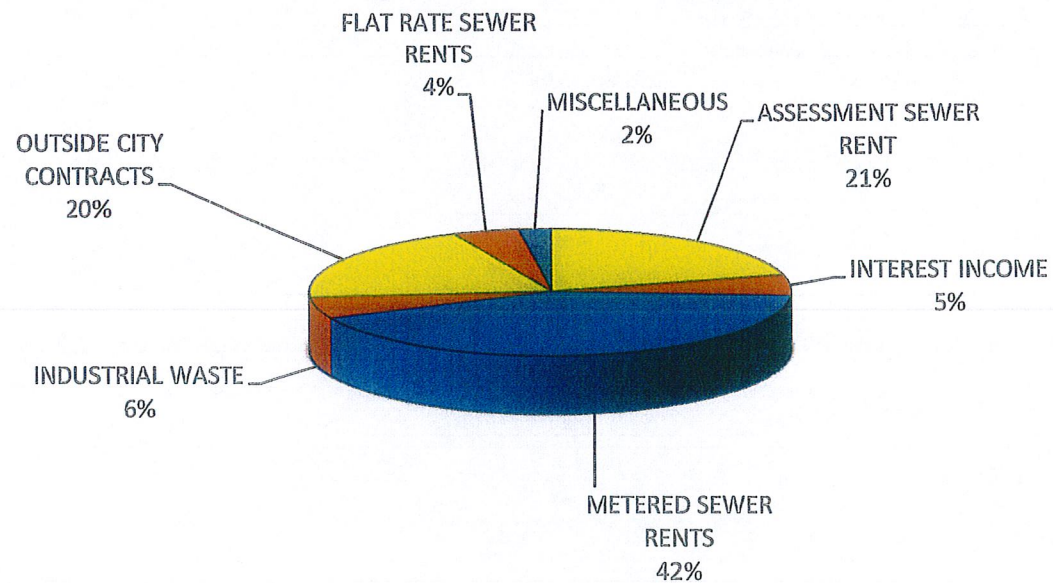
**BUFFALO SEWER AUTHORITY
2019 - 2020 BUDGET
APPROPRIATIONS
\$57,950,000**

PERSONAL SERVICES	\$15,037,827
UTILITY SERVICES	7,149,524
FRINGE BENEFITS	11,363,791
DEBT SERVICE & RESERVE	7,356,382
PURCHASE OF SERVICES	10,426,958
MATERIALS & SUPPLIES	4,941,550
CAPITAL OUTLAY	920,204
FINANCIAL CHARGES	620,575
TRAVEL & TRANSPORTATION	<u>133,189</u>
TOTAL	<u><u>\$57,950,000</u></u>

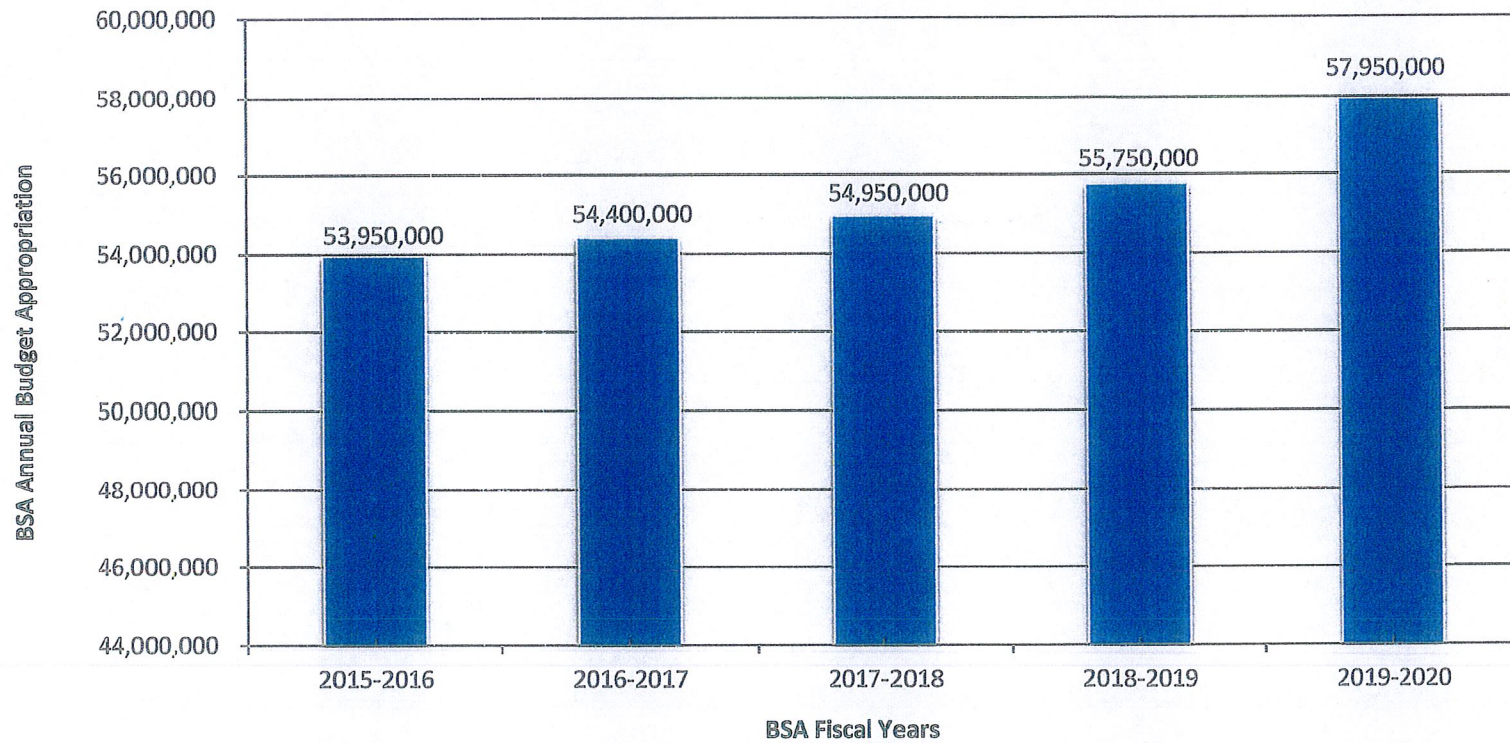


**BUFFALO SEWER AUTHORITY
2019 - 2020 BUDGET
REVENUES
\$57,950,000**

ASSESSMENT SEWER RENT	\$12,087,600
METERED SEWER RENTS	24,425,000
FLAT RATE SEWER RENTS	2,500,000
OUTSIDE CITY CONTRACTS	11,550,000
INDUSTRIAL WASTE	3,120,000
INTEREST INCOME	3,020,000
MISCELLANEOUS	<u>1,247,400</u>
TOTAL	\$57,950,000



Buffalo Sewer Authority **Budgets 2015 - 2016 to 2019 - 2020**



	<u>BSA Budgets</u>	<u>Net \$ Change</u>	<u>Net % Change</u>
2015-2016	53,950,000		
2016-2017	54,400,000	450,000	0.83%
2017-2018	54,950,000	550,000	1.01%
2018-2019	55,750,000	800,000	1.46%
2019-2020	57,950,000	2,200,000	3.95%

SECTION

C

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY FUNCTION

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
91 BSA ADMINISTRATIVE DIVISION					
0010 AUTHORITY BOARD MEMEBERS	17,574.74	18,852.02	24,731.16	17,569.69	25,500.00
0011 ADMINISTRATIVE OFFICES	1,402,793.26	1,123,298.62	1,249,611.08	886,854.27	1,464,024.00
0012 HUMAN RESOURCES	.00	315,520.48	335,165.00	211,125.10	453,952.00
TOTAL 91 BSA ADMINISTRATIVE DIVISION	1,420,368.00	1,457,671.12	1,609,507.24	1,115,549.06	1,943,476.00
92 BSA WASTEWATER TREATMENT PLANT					
0020 PLANT ADMINISTRATION	2,717,703.40	2,581,393.94	3,395,829.05	2,143,265.92	3,713,827.00
0021 RAW WASTEWATER PUMPS	63,922.19	253,266.34	404,662.00	69,241.39	292,570.00
0022 SCREEN ROOM	110.00	26,380.77	71,000.00	.00	50,000.00
0023 GRIT ROOM	352,187.00	306,592.25	481,913.00	144,727.70	365,010.00
0024 PRIMARY SEDIMENTATION	432,492.37	307,739.27	372,022.00	114,760.44	342,522.00
0025 SECONDARY CONTROL	92,131.14	58,722.91	172,876.00	46,633.89	150,804.00
0026 PRIMARY CONTROL	223,530.59	167,288.85	158,638.00	89,161.95	173,038.00
0027 GAS COMPRESSOR BUILDING	41,373.74	100,274.36	147,000.00	116,123.00	108,500.00
0028 SETTLED WASTEWATER PUMPS	44,176.91	54,320.17	160,603.00	20,606.04	138,282.00
0029 AERATION	518,214.14	685,413.43	767,077.00	535,348.00	1,048,876.00
0030 BLOWER BUILDING	3,663,033.79	3,684,375.11	5,488,250.00	1,993,112.04	4,976,250.00
0031 SEWER CONSTRUCT STORAGE BLDG	.00	.00	.00	.00	.00
0032 CHEMICAL HANDLING BUILDING	20,595.71	7,139.24	10,000.00	8,493.18	10,000.00
0033 FINAL EFFLUENT BUILDING	728,546.73	785,971.73	677,270.00	458,313.94	784,120.00
0034 THICKENER AREA-INCL FLT EQUIP	297,453.25	263,725.66	352,000.00	144,774.61	327,000.00
0035 FILTER FEED AREA-INCL MIX TNKS	3,403.00	29,558.75	25,900.00	.00	25,900.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY FUNCTION

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0036 SLUDGE DEWATERING-PRESSES/CONV	1,344,204.38	1,290,086.56	2,216,660.00	1,218,694.88	2,143,269.00
0037 CENTRIFUGE	137,274.03	97,486.65	310,291.00	191,558.15	354,000.00
0038 INCINERATION-INCL ASH HANDLING	2,443,050.80	3,328,328.69	3,925,694.00	1,841,447.11	4,267,576.00
0039 HAMBURG DRAIN FLOAT CTRL FACIL	32,604.64	35,606.88	53,000.00	19,806.89	65,600.00
0040 SOUTH BUFFALO PUMP STATION	64,319.82	69,091.66	88,930.00	84,542.92	119,200.00
0041 HAMBURG STREET	25,870.77	46,362.68	48,536.00	26,962.52	41,450.00
0042 AMHERST QUARRY	31,563.27	23,978.73	29,600.00	13,327.46	29,600.00
0043 BABCOCK STREET	9,709.41	17,630.54	15,300.00	4,752.38	16,300.00
0044 KELLY ISLAND - S STATION	9,865.60	26,226.71	182,936.00	22,106.32	37,600.00
0045 KELLY ISLAND - F STATION	2,853.53	2,277.74	5,300.00	462.71	135,300.00
0046 KELLY ISLAND - X STATION	4,706.86	15,230.86	82,600.00	2,183.26	12,600.00
0047 WATERFRONT VILLAGE	1,594.61	2,368.42	3,400.00	623.90	23,100.00
0048 TIFFT STREET	1,096.96	933.28	2,300.00	650.48	7,300.00
0049 NIAGARA METERING	6,041.16	3,730.63	6,850.00	3,281.05	6,850.00
0050 WALDEN HEIGHTS	1,720.40	3,154.02	5,290.00	2,215.09	9,600.00
0051 LABORATORY	554,797.36	535,604.96	605,785.00	347,069.42	615,514.00
0052 MAINTENANCE	2,004,392.38	2,093,460.72	3,002,963.00	1,212,203.96	4,414,681.00
0053 YARDS & GROUNDS	733,345.50	782,725.43	890,510.00	687,240.91	1,231,264.00
TOTAL 92 BSA WASTEWATER TREATMENT PLANT	16,607,885.44	17,686,447.94	24,160,985.05	11,563,691.51	26,037,503.00
93 BSA INDUSTRIAL WASTE DIVISION					
0055 INDUSTRIAL WASTE SECTION	529,168.44	538,867.03	667,499.00	342,754.53	657,226.00
TOTAL 93 BSA INDUSTRIAL WASTE DIVISION	529,168.44	538,867.03	667,499.00	342,754.53	657,226.00
94 BSA ENGINEERING DIVISION					

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY FUNCTION

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0060 ENGINEERING	874,015.53	1,030,198.58	1,424,989.00	634,251.20	1,545,076.00
TOTAL 94 BSA ENGINEERING DIVISION	874,015.53	1,030,198.58	1,424,989.00	634,251.20	1,545,076.00
95 BSA SEWER MAINTENANCE DIVISION					
0065 SEWER MAINTENANCE OFFICE	282,041.27	505,470.16	811,633.00	349,425.09	638,089.00
0066 SEWER REPAIR FUNCTION	653,275.63	1,117,883.39	1,562,944.00	672,272.27	1,638,700.00
0067 SEWER CLEANING FUNCTION	1,735,694.91	1,504,767.36	2,133,810.00	754,697.46	1,759,178.00
0068 INTERCEPTORS & TRUNK SEWERS	4,603.64	1,748.82	7,500.00	548.38	7,500.00
0069 AUTOMOTIVE EQUIPMENT SERVICES	427,491.04	777,385.31	1,011,503.00	272,187.32	693,389.00
TOTAL 95 BSA SEWER MAINTENANCE DIVISION	3,103,106.49	3,907,255.04	5,527,390.00	2,049,130.52	4,736,856.00
98 BSA GENERAL FINANCIAL CHARGES					
0080 MISC FINANCIAL CHARGES	47,392,279.05	46,764,073.18	6,085,864.71	20,730,858.02	6,559,690.00
0082 FRINGE BENEFITS	9,128,641.24	9,325,229.62	11,139,619.00	7,082,697.69	11,363,791.00
0085 DEBT SERVICE & RESERVE	.00	.00	5,134,146.00	1,369,815.65	5,106,382.00
0088 INTERFUND TRANSFERS	900,000.00	12,000.00	.00	.00	.00
TOTAL 98 BSA GENERAL FINANCIAL CHARGES	57,420,920.29	56,101,302.80	22,359,629.71	29,183,371.36	23,029,863.00
TOTAL	79,955,464.19	80,721,742.51	55,750,000.00	44,888,748.18	57,950,000.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
91 BSA ADMINISTRATIVE DIVISION					
0010 AUTHORITY BOARD MEMEBERS					
PERSONAL SERVICES					
00100111 BOARD SALARIES	11,000.23	10,999.82	13,500.00	7,615.26	13,500.00
TOTAL PERSONAL SERVICES	11,000.23	10,999.82	13,500.00	7,615.26	13,500.00
UTILITIES					
00100103 BOARD UTILITIES	2,192.29	1,441.21	1,500.00	-1,976.17	1,500.00
TOTAL UTILITIES	2,192.29	1,441.21	1,500.00	-1,976.17	1,500.00
TRAVEL AND MEMBERSHIPS					
00100104 BOARD TRAVEL	4,382.22	6,410.99	9,231.16	9,830.24	10,500.00
TOTAL TRAVEL AND MEMBERSHIPS	4,382.22	6,410.99	9,231.16	9,830.24	10,500.00
SUPPLIES					
00100105 BOARD MISCELLANEOUS	.00	.00	500.00	.00	.00
TOTAL SUPPLIES	.00	.00	500.00	.00	.00
TOTAL 0010 AUTHORITY BOARD MEMEBERS	17,574.74	18,852.02	24,731.16	15,469.33	25,500.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0011 ADMINISTRATIVE OFFICES					
PERSONAL SERVICES					
00110111 ADMIN SALARIES EXECUTIVE	525,011.00	464,548.88	467,197.00	320,462.40	525,990.00
00110121 ADMIN SALARIES CLERICAL	693,035.46	453,836.99	459,364.00	381,566.06	631,734.00
TOTAL PERSONAL SERVICES	1,218,046.46	918,385.87	926,561.00	702,028.46	1,157,724.00
UTILITIES					
00110103 ADMIN UTILITIES	12,301.96	13,176.50	15,000.00	6,738.76	15,000.00
TOTAL UTILITIES	12,301.96	13,176.50	15,000.00	6,738.76	15,000.00
TRAVEL AND MEMBERSHIPS					
00110104 ADMIN TRAVEL EXPENSES	7,541.45	15,534.69	22,755.89	15,336.56	20,000.00
TOTAL TRAVEL AND MEMBERSHIPS	7,541.45	15,534.69	22,755.89	15,336.56	20,000.00
SUPPLIES					
00110105 ADMIN SUPPLIES	14,025.44	12,773.07	14,300.00	10,606.63	14,300.00
TOTAL SUPPLIES	14,025.44	12,773.07	14,300.00	10,606.63	14,300.00
SERVICES					
00110106 ADMIN SERVICES	142,595.73	147,015.72	237,044.00	171,021.12	236,500.00
TOTAL SERVICES	142,595.73	147,015.72	237,044.00	171,021.12	236,500.00
CAPITAL OUTLAY					
00110107 ADMIN CAPITAL OUTLAY	7,990.72	16,192.02	33,450.19	10,387.65	20,000.00
TOTAL CAPITAL OUTLAY	7,990.72	16,192.02	33,450.19	10,387.65	20,000.00
OTHER					
00110108 ADMIN INSUR & SURETY BONDS	291.50	220.75	500.00	225.67	500.00
TOTAL OTHER	291.50	220.75	500.00	225.67	500.00
TOTAL 0011 ADMINISTRATIVE OFFICES	1,402,793.26	1,123,298.62	1,249,611.08	916,344.85	1,464,024.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0012 HUMAN RESOURCES					
PERSONAL SERVICES					
00120111 HUMAN RESOURCES EXECUTIVE	.00	95,078.09	95,078.00	65,823.21	95,078.00
00120121 HUMAN RESOURCES CLERICAL	.00	218,666.39	234,087.00	155,712.47	275,874.00
TOTAL PERSONAL SERVICES	.00	313,744.48	329,165.00	221,535.68	370,952.00
TRAVEL AND MEMBERSHIPS					
00120104 HUMAN RESOURCES TRAVEL	.00	1,776.00	6,000.00	3,198.30	5,000.00
TOTAL TRAVEL AND MEMBERSHIPS	.00	1,776.00	6,000.00	3,198.30	5,000.00
SERVICES					
00120106 HR SERVICES	.00	.00	.00	.00	78,000.00
TOTAL SERVICES	.00	.00	.00	.00	78,000.00
TOTAL 0012 HUMAN RESOURCES	.00	315,520.48	335,165.00	224,733.98	453,952.00
TOTAL 91 BSA ADMINISTRATIVE DIVISION	1,420,368.00	1,457,671.12	1,609,507.24	1,156,548.16	1,943,476.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
92 BSA WASTEWATER TREATMENT PLANT					
0020 PLANT ADMINISTRATION					
PERSONAL SERVICES					
00200111 PLANT SALARIES EXECUTIVE	254,537.03	319,658.75	490,618.00	273,784.03	566,049.00
00200121 PLANT SALARIES CLERICAL	585,165.52	542,094.93	611,468.00	326,546.50	731,888.00
00200131 PLANT SALARIES SUPERVISION	789,537.57	681,477.13	651,207.00	442,661.86	780,118.00
TOTAL PERSONAL SERVICES	1,629,240.12	1,543,230.81	1,753,293.00	1,042,992.39	2,078,055.00
UTILITIES					
00200103 PLANT UTILITIES	49,276.15	53,152.50	88,600.00	33,638.91	85,774.00
TOTAL UTILITIES	49,276.15	53,152.50	88,600.00	33,638.91	85,774.00
TRAVEL AND MEMBERSHIPS					
00200104 PLANT TRAVEL EXPENSES	36,265.78	27,858.21	62,470.00	30,142.74	61,679.00
TOTAL TRAVEL AND MEMBERSHIPS	36,265.78	27,858.21	62,470.00	30,142.74	61,679.00
SUPPLIES					
00200105 PLANT SUPPLIES	119,002.56	139,148.43	152,990.00	95,210.59	166,350.00
TOTAL SUPPLIES	119,002.56	139,148.43	152,990.00	95,210.59	166,350.00
SERVICES					
00200106 PLANT SERVICES	672,563.26	546,245.52	782,815.02	446,456.32	843,794.00
TOTAL SERVICES	672,563.26	546,245.52	782,815.02	446,456.32	843,794.00
CAPITAL OUTLAY					
00200107 PLANT CAPITAL OUTLAY	30,577.70	95,135.68	664,320.03	396,666.76	283,100.00
TOTAL CAPITAL OUTLAY	30,577.70	95,135.68	664,320.03	396,666.76	283,100.00
OTHER					
00200108 PLANT INSURANCE	180,777.83	176,622.79	177,341.00	144,387.99	195,075.00
TOTAL OTHER	180,777.83	176,622.79	177,341.00	144,387.99	195,075.00
TOTAL 0020 PLANT ADMINISTRATION	2,717,703.40	2,581,393.94	3,681,829.05	2,189,495.70	3,713,827.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0021 RAW WASTEWATER PUMPS					
PERSONAL SERVICES					
00210161 RWWP SALARIES OPERATORS	52,576.89	88,157.51	137,214.00	68,043.89	146,270.00
TOTAL PERSONAL SERVICES	52,576.89	88,157.51	137,214.00	68,043.89	146,270.00
SUPPLIES					
00210105 RWWP SUPPLIES	11,345.30	165,108.83	267,448.00	4,680.00	146,300.00
TOTAL SUPPLIES	11,345.30	165,108.83	267,448.00	4,680.00	146,300.00
SERVICES					
00210106 RWWP SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0021 RAW WASTEWATER PUMPS	63,922.19	253,266.34	404,662.00	72,723.89	292,570.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0022 SCREEN ROOM					
SUPPLIES					
00220105 SCREEN SUPPLIES	110.00	26,380.77	71,000.00	.00	50,000.00
TOTAL SUPPLIES	110.00	26,380.77	71,000.00	.00	50,000.00
SERVICES					
00220106 SCREEN SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0022 SCREEN ROOM	110.00	26,380.77	71,000.00	.00	50,000.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0023 GRIT ROOM					
PERSONAL SERVICES					
00230161 GRIT SALARIESOPERATORS	175,349.15	149,956.22	211,311.00	80,286.60	207,270.00
TOTAL PERSONAL SERVICES	175,349.15	149,956.22	211,311.00	80,286.60	207,270.00
SUPPLIES					
00230105 GRIT SUPPLIES	119,702.59	104,737.94	208,000.00	8,576.84	73,800.00
TOTAL SUPPLIES	119,702.59	104,737.94	208,000.00	8,576.84	73,800.00
SERVICES					
00230106 GRIT SERVICES	57,135.26	51,898.09	62,602.00	59,660.93	83,940.00
TOTAL SERVICES	57,135.26	51,898.09	62,602.00	59,660.93	83,940.00
CAPITAL OUTLAY					
00230107 GRIT CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0023 GRIT ROOM	352,187.00	306,592.25	481,913.00	148,524.37	365,010.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0024 PRIMARY SEDIMENTATION					
PERSONAL SERVICES					
00240161 PSED SALARIES OPERATORS	162,452.36	99,301.17	193,522.00	81,014.99	195,522.00
TOTAL PERSONAL SERVICES	162,452.36	99,301.17	193,522.00	81,014.99	195,522.00
SUPPLIES					
00240105 PSED SUPPLIES	101,354.01	162,113.10	166,500.00	37,881.85	108,500.00
TOTAL SUPPLIES	101,354.01	162,113.10	166,500.00	37,881.85	108,500.00
SERVICES					
00240106 PSED SERVICES	168,686.00	46,325.00	12,000.00	.00	38,500.00
TOTAL SERVICES	168,686.00	46,325.00	12,000.00	.00	38,500.00
CAPITAL OUTLAY					
00240107 PSED CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0024 PRIMARY SEDIMENTATION	432,492.37	307,739.27	372,022.00	118,896.84	342,522.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0025 SECONDARY CONTROL					
PERSONAL SERVICES					
00250161 SECON SALARIESOPERATORS	85,936.14	36,475.05	133,176.00	28,174.89	141,804.00
TOTAL PERSONAL SERVICES	85,936.14	36,475.05	133,176.00	28,174.89	141,804.00
SUPPLIES					
00250105 SECON SUPPLIES	6,195.00	22,247.86	39,700.00	20,095.00	9,000.00
TOTAL SUPPLIES	6,195.00	22,247.86	39,700.00	20,095.00	9,000.00
SERVICES					
00250106 SECON SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0025 SECONDARY CONTROL	92,131.14	58,722.91	172,876.00	48,269.89	150,804.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0026 PRIMARY CONTROL					
PERSONAL SERVICES					
00260161 PRIM SALARIES OPERATORS	169,883.24	145,847.75	133,338.00	94,404.43	137,738.00
TOTAL PERSONAL SERVICES	169,883.24	145,847.75	133,338.00	94,404.43	137,738.00
SUPPLIES					
00260105 PRIM SUPPLIES	53,647.35	21,441.10	25,300.00	.00	35,300.00
TOTAL SUPPLIES	53,647.35	21,441.10	25,300.00	.00	35,300.00
SERVICES					
00260106 PRIM SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0026 PRIMARY CONTROL	223,530.59	167,288.85	158,638.00	94,404.43	173,038.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0027 GAS COMPRESSOR BUILDING					
SUPPLIES					
00270105 GAS SUPPLIES	36,123.74	1,415.00	37,000.00	35,563.00	14,500.00
TOTAL SUPPLIES	36,123.74	1,415.00	37,000.00	35,563.00	14,500.00
SERVICES					
00270106 GAS SERVICES	5,250.00	98,859.36	110,000.00	80,560.00	94,000.00
TOTAL SERVICES	5,250.00	98,859.36	110,000.00	80,560.00	94,000.00
TOTAL 0027 GAS COMPRESSOR BUILDING	41,373.74	100,274.36	147,000.00	116,123.00	108,500.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0028 SETTLED WASTEWATER PUMPS					
PERSONAL SERVICES					
00280161 SWWP SALARIES OPERATORS	44,176.91	22,995.17	3,103.00	20,606.04	50,782.00
TOTAL PERSONAL SERVICES	44,176.91	22,995.17	3,103.00	20,606.04	50,782.00
SUPPLIES					
00280105 SWWP SUPPLIES	.00	31,325.00	157,500.00	.00	67,500.00
TOTAL SUPPLIES	.00	31,325.00	157,500.00	.00	67,500.00
SERVICES					
00280106 SWWP SERVICES	.00	.00	.00	.00	20,000.00
TOTAL SERVICES	.00	.00	.00	.00	20,000.00
CAPITAL OUTLAY					
00280107 SWWP CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0028 SETTLED WASTEWATER PUMPS	44,176.91	54,320.17	160,603.00	20,606.04	138,282.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0029 AERATION					
PERSONAL SERVICES					
00290161 AER SALARIES OPERATORS	310,675.59	394,849.70	386,971.00	329,575.45	564,076.00
TOTAL PERSONAL SERVICES	310,675.59	394,849.70	386,971.00	329,575.45	564,076.00
SUPPLIES					
00290105 AER SUPPLIES	96,238.84	290,563.73	163,106.00	104,010.77	207,800.00
TOTAL SUPPLIES	96,238.84	290,563.73	163,106.00	104,010.77	207,800.00
SERVICES					
00290106 AER SERVICES	111,299.71	.00	140,000.00	119,501.09	236,000.00
TOTAL SERVICES	111,299.71	.00	140,000.00	119,501.09	236,000.00
CAPITAL OUTLAY					
00290107 AER CAPITAL OUTLAY	.00	.00	77,000.00	.00	41,000.00
TOTAL CAPITAL OUTLAY	.00	.00	77,000.00	.00	41,000.00
TOTAL 0029 AERATION	518,214.14	685,413.43	767,077.00	553,087.31	1,048,876.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0030 BLOWER BUILDING					
UTILITIES					
00300103 BLOW UTILITIES	3,632,917.86	3,653,635.71	5,104,750.00	1,981,078.67	4,900,750.00
TOTAL UTILITIES	3,632,917.86	3,653,635.71	5,104,750.00	1,981,078.67	4,900,750.00
SUPPLIES					
00300105 BLOW SUPPLIES	30,115.93	30,739.40	92,500.00	11,783.37	70,500.00
TOTAL SUPPLIES	30,115.93	30,739.40	92,500.00	11,783.37	70,500.00
SERVICES					
00300106 BLOW SERVICES	.00	.00	5,000.00	250.00	5,000.00
TOTAL SERVICES	.00	.00	5,000.00	250.00	5,000.00
TOTAL 0030 BLOWER BUILDING	3,663,033.79	3,684,375.11	5,202,250.00	1,993,112.04	4,976,250.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0032 CHEMICAL HANDLING BUILDING					
SUPPLIES					
00320105 CHEM SUPPLIES	20,595.71	7,139.24	10,000.00	8,493.18	10,000.00
TOTAL SUPPLIES	20,595.71	7,139.24	10,000.00	8,493.18	10,000.00
SERVICES					
00320106 CHEM SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
CAPITAL OUTLAY					
00320107 CHEM CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0032 CHEMICAL HANDLING BUILDING	20,595.71	7,139.24	10,000.00	8,493.18	10,000.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0033 FINAL EFFLUENT BUILDING					
PERSONAL SERVICES					
00330161 FINAL SALARIES OPERATORS	115,975.03	90,600.44	65,520.00	59,624.21	67,920.00
TOTAL PERSONAL SERVICES	115,975.03	90,600.44	65,520.00	59,624.21	67,920.00
SUPPLIES					
00330105 FINAL SUPPLIES	612,571.70	695,371.29	611,750.00	402,049.98	716,200.00
TOTAL SUPPLIES	612,571.70	695,371.29	611,750.00	402,049.98	716,200.00
SERVICES					
00330106 FINAL SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
CAPITAL OUTLAY					
00330107 FINAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0033 FINAL EFFLUENT BUILDING	728,546.73	785,971.73	677,270.00	461,674.19	784,120.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0034 THICKENER AREA-INCL FLT EQUIP					
SUPPLIES					
00340105 THICK SUPPLIES	297,453.25	263,725.66	352,000.00	144,774.61	327,000.00
TOTAL SUPPLIES	297,453.25	263,725.66	352,000.00	144,774.61	327,000.00
SERVICES					
00340106 THICK SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0034 THICKENER AREA-INCL FLT EQUIP	297,453.25	263,725.66	352,000.00	144,774.61	327,000.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0035 FILTER FEED AREA-INCL MIX TNKS					
SUPPLIES					
00350105 FILT SUPPLIES	3,403.00	29,558.75	25,900.00	.00	25,900.00
TOTAL SUPPLIES	3,403.00	29,558.75	25,900.00	.00	25,900.00
SERVICES					
00350106 FILT SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
CAPITAL OUTLAY					
00350107 FILT CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0035 FILTER FEED AREA-INCL MIX TNKS	3,403.00	29,558.75	25,900.00	.00	25,900.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0036 SLUDGE DEWATERING-PRESSES/CONV					
PERSONAL SERVICES					
00360161 DEWAT SALARIES OPERATORS	474,841.81	591,591.59	578,660.00	385,657.60	570,229.00
TOTAL PERSONAL SERVICES	474,841.81	591,591.59	578,660.00	385,657.60	570,229.00
UTILITIES					
00360103 DEWAT UTILITIES	238,428.81	187,563.30	427,600.00	333,391.47	300,000.00
TOTAL UTILITIES	238,428.81	187,563.30	427,600.00	333,391.47	300,000.00
SUPPLIES					
00360105 DEWAT SUPPLIES	630,933.76	510,931.67	1,190,400.00	376,252.73	1,273,040.00
TOTAL SUPPLIES	630,933.76	510,931.67	1,190,400.00	376,252.73	1,273,040.00
SERVICES					
00360106 DEWAT SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
CAPITAL OUTLAY					
00360107 DEWAT CAPITAL OUTLAY	.00	.00	20,000.00	141,219.92	.00
TOTAL CAPITAL OUTLAY	.00	.00	20,000.00	141,219.92	.00
TOTAL 0036 SLUDGE DEWATERING-PRESSES/CONV	1,344,204.38	1,290,086.56	2,216,660.00	1,236,521.72	2,143,269.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0037 CENTRIFUGE					
SUPPLIES					
00370105 CENTRIFUGE SUPPLIES	123,939.31	95,786.65	245,291.00	159,825.25	204,000.00
TOTAL SUPPLIES	123,939.31	95,786.65	245,291.00	159,825.25	204,000.00
SERVICES					
00370106 CENTRIFUGE SERVICES	13,334.72	1,700.00	65,000.00	31,732.90	150,000.00
TOTAL SERVICES	13,334.72	1,700.00	65,000.00	31,732.90	150,000.00
CAPITAL OUTLAY					
00370107 CENTRIFUGE CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0037 CENTRIFUGE	137,274.03	97,486.65	310,291.00	191,558.15	354,000.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0038 INCINERATION-INCL ASH HANDLING					
PERSONAL SERVICES					
00380131 INCIN SALARIES SUPERVISION	124,439.41	102,712.99	89,523.00	64,202.20	89,523.00
00380161 INCIN SALARIES OPERATORS	868,459.31	852,574.40	880,182.00	597,109.42	808,329.00
TOTAL PERSONAL SERVICES	992,898.72	955,287.39	969,705.00	661,311.62	897,852.00
UTILITIES					
00380103 INCIN UTILITIES	566,146.56	1,064,029.88	1,490,000.00	415,689.91	1,500,000.00
TOTAL UTILITIES	566,146.56	1,064,029.88	1,490,000.00	415,689.91	1,500,000.00
TRAVEL AND MEMBERSHIPS					
00380104 INCIN TRAVEL	90.00	415.00	1,000.00	415.00	.00
TOTAL TRAVEL AND MEMBERSHIPS	90.00	415.00	1,000.00	415.00	.00
SUPPLIES					
00380105 INCIN SUPPLIES	234,668.14	288,973.75	294,500.00	231,852.65	268,000.00
TOTAL SUPPLIES	234,668.14	288,973.75	294,500.00	231,852.65	268,000.00
SERVICES					
00380106 INCIN SERVICES	649,247.38	1,019,622.67	1,065,489.00	565,403.29	1,531,720.00
TOTAL SERVICES	649,247.38	1,019,622.67	1,065,489.00	565,403.29	1,531,720.00
CAPITAL OUTLAY					
00380107 INCIN CAPITAL OUTLAY	.00	.00	105,000.00	.00	70,004.00
TOTAL CAPITAL OUTLAY	.00	.00	105,000.00	.00	70,004.00
TOTAL 0038 INCINERATION-INCL ASH HANDLING	2,443,050.80	3,328,328.69	3,925,694.00	1,874,672.47	4,267,576.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0039 HAMBURG DRAIN FLOAT CTRL FACIL					
UTILITIES					
00390103 HAMBURG DRAIN FLOATABLE UT	32,604.64	34,448.89	43,000.00	19,030.24	43,000.00
TOTAL UTILITIES	32,604.64	34,448.89	43,000.00	19,030.24	43,000.00
SUPPLIES					
00390105 HAMBURG DRAIN FLOATABLE SU	.00	1,157.99	10,000.00	776.65	20,000.00
TOTAL SUPPLIES	.00	1,157.99	10,000.00	776.65	20,000.00
SERVICES					
00390106 HAMBURG DRAIN FLOATABLE SV	.00	.00	.00	.00	2,600.00
TOTAL SERVICES	.00	.00	.00	.00	2,600.00
TOTAL 0039 HAMBURG DRAIN FLOAT CTRL FACIL	32,604.64	35,606.88	53,000.00	19,806.89	65,600.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0040 SOUTH BUFFALO PUMP STATION					
PERSONAL SERVICES					
00400161 SOUTH SALARIES OPERATORS	1,983.20	94.40	1,101.00	.00	.00
TOTAL PERSONAL SERVICES	1,983.20	94.40	1,101.00	.00	.00
UTILITIES					
00400103 SOUTH UTILITIES	62,054.22	64,906.26	72,000.00	38,144.47	72,700.00
TOTAL UTILITIES	62,054.22	64,906.26	72,000.00	38,144.47	72,700.00
SUPPLIES					
00400105 SOUTH SUPPLIES	282.40	4,091.00	13,500.00	44,069.45	46,500.00
TOTAL SUPPLIES	282.40	4,091.00	13,500.00	44,069.45	46,500.00
SERVICES					
00400106 SOUTH SERVICES	.00	.00	2,329.00	2,329.00	.00
TOTAL SERVICES	.00	.00	2,329.00	2,329.00	.00
TOTAL 0040 SOUTH BUFFALO PUMP STATION	64,319.82	69,091.66	88,930.00	84,542.92	119,200.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0041 HAMBURG STREET					
UTILITIES					
00410103 HAMBURG UTILITIES	25,528.00	29,175.86	35,650.00	18,122.06	35,650.00
TOTAL UTILITIES	25,528.00	29,175.86	35,650.00	18,122.06	35,650.00
SUPPLIES					
00410105 HAMBURG SUPPLIES	87.77	16,931.82	10,080.00	8,585.46	5,500.00
TOTAL SUPPLIES	87.77	16,931.82	10,080.00	8,585.46	5,500.00
SERVICES					
00410106 HAMBURG SERVICES	255.00	255.00	2,806.00	255.00	300.00
TOTAL SERVICES	255.00	255.00	2,806.00	255.00	300.00
TOTAL 0041 HAMBURG STREET	25,870.77	46,362.68	48,536.00	26,962.52	41,450.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0042 AMHERST QUARRY					
UTILITIES					
00420103 AMHERST UTILITIES	23,287.49	22,495.60	25,100.00	12,562.46	25,100.00
TOTAL UTILITIES	23,287.49	22,495.60	25,100.00	12,562.46	25,100.00
SUPPLIES					
00420105 AMHERST SUPPLIES	7,180.78	1,483.13	2,500.00	765.00	2,500.00
TOTAL SUPPLIES	7,180.78	1,483.13	2,500.00	765.00	2,500.00
SERVICES					
00420106 AMHERST SERVICES	1,095.00	.00	2,000.00	.00	2,000.00
TOTAL SERVICES	1,095.00	.00	2,000.00	.00	2,000.00
TOTAL 0042 AMHERST QUARRY	31,563.27	23,978.73	29,600.00	13,327.46	29,600.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0043 BABCOCK STREET					
UTILITIES					
00430103 BABCOCK UTILITIES	9,709.41	8,501.15	10,300.00	4,752.38	10,300.00
TOTAL UTILITIES	9,709.41	8,501.15	10,300.00	4,752.38	10,300.00
SUPPLIES					
00430105 BABCOCK SUPPLIES	.00	9,129.39	5,000.00	.00	6,000.00
TOTAL SUPPLIES	.00	9,129.39	5,000.00	.00	6,000.00
SERVICES					
00430106 BABCOCK SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0043 BABCOCK STREET	9,709.41	17,630.54	15,300.00	4,752.38	16,300.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0044 KELLY ISLAND - S STATION					
UTILITIES					
00440103 KELLYS UTILITES	9,206.99	9,314.62	11,100.00	4,095.29	10,600.00
TOTAL UTILITIES	9,206.99	9,314.62	11,100.00	4,095.29	10,600.00
SUPPLIES					
00440105 KELLYS SUPPLIES	658.61	16,912.09	21,500.00	17,675.03	20,000.00
TOTAL SUPPLIES	658.61	16,912.09	21,500.00	17,675.03	20,000.00
SERVICES					
00440106 KELLYS SERVICES	.00	.00	336.00	336.00	7,000.00
TOTAL SERVICES	.00	.00	336.00	336.00	7,000.00
CAPITAL OUTLAY					
00440107 KELLYS CAPITAL OUTLAY	.00	.00	150,000.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	150,000.00	.00	.00
TOTAL 0044 KELLY ISLAND - S STATION	9,865.60	26,226.71	182,936.00	22,106.32	37,600.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0045 KELLY ISLAND - F STATION					
UTILITIES					
00450103 KELLYF UTILITIES	2,853.53	2,060.19	5,300.00	462.71	5,300.00
TOTAL UTILITIES	2,853.53	2,060.19	5,300.00	462.71	5,300.00
SUPPLIES					
00450105 KELLYF SUPPLIES	.00	217.55	.00	.00	25,000.00
TOTAL SUPPLIES	.00	217.55	.00	.00	25,000.00
SERVICES					
00450106 KELLYF SERVICES	.00	.00	.00	.00	105,000.00
TOTAL SERVICES	.00	.00	.00	.00	105,000.00
TOTAL 0045 KELLY ISLAND - F STATION	2,853.53	2,277.74	5,300.00	462.71	135,300.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0046 KELLY ISLAND - X STATION					
UTILITIES					
00460103 KELLYX UTILITIES	3,824.86	4,347.82	4,600.00	2,183.26	4,600.00
TOTAL UTILITIES	3,824.86	4,347.82	4,600.00	2,183.26	4,600.00
SUPPLIES					
00460105 KELLYX SUPPLIES	882.00	10,883.04	3,000.00	.00	3,000.00
TOTAL SUPPLIES	882.00	10,883.04	3,000.00	.00	3,000.00
SERVICES					
00460106 KELLYX SERVICES	.00	.00	.00	.00	5,000.00
TOTAL SERVICES	.00	.00	.00	.00	5,000.00
CAPITAL OUTLAY					
00460107 KELLYX CAPITAL OUTLAY	.00	.00	75,000.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	75,000.00	.00	.00
TOTAL 0046 KELLY ISLAND - X STATION	4,706.86	15,230.86	82,600.00	2,183.26	12,600.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0047 WATERFRONT VILLAGE					
UTILITIES					
00470103 WATER UTILITIES	1,456.85	1,635.09	1,900.00	623.90	1,600.00
TOTAL UTILITIES	1,456.85	1,635.09	1,900.00	623.90	1,600.00
SUPPLIES					
00470105 WATER SUPPLIES	137.76	733.33	1,500.00	.00	3,500.00
TOTAL SUPPLIES	137.76	733.33	1,500.00	.00	3,500.00
SERVICES					
00470106 WATER SERVICES	.00	.00	.00	.00	18,000.00
TOTAL SERVICES	.00	.00	.00	.00	18,000.00
CAPITAL OUTLAY					
00470107 WATER CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0047 WATERFRONT VILLAGE	1,594.61	2,368.42	3,400.00	623.90	23,100.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0048 TIFFT STREET					
UTILITIES					
00480103 TIFFT UTILITIES	1,096.96	933.28	1,300.00	650.48	1,300.00
TOTAL UTILITIES	1,096.96	933.28	1,300.00	650.48	1,300.00
SUPPLIES					
00480105 TIFFT SUPPLIES	.00	.00	1,000.00	.00	6,000.00
TOTAL SUPPLIES	.00	.00	1,000.00	.00	6,000.00
TOTAL 0048 TIFFT STREET	1,096.96	933.28	2,300.00	650.48	7,300.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0049 NIAGARA METERING					
UTILITIES					
00490103 NIAGARA UTILITIES	3,718.43	3,475.63	5,500.00	2,240.45	5,500.00
TOTAL UTILITIES	3,718.43	3,475.63	5,500.00	2,240.45	5,500.00
SUPPLIES					
00490105 NIAGARA SUPPLIES	2,067.73	.00	1,000.00	785.60	1,000.00
TOTAL SUPPLIES	2,067.73	.00	1,000.00	785.60	1,000.00
SERVICES					
00490106 NIAGARA SERVICES	255.00	255.00	350.00	255.00	350.00
TOTAL SERVICES	255.00	255.00	350.00	255.00	350.00
TOTAL 0049 NIAGARA METERING	6,041.16	3,730.63	6,850.00	3,281.05	6,850.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0050 WALDEN HEIGHTS					
UTILITIES					
00500103 WALD UTILITES	1,720.40	2,295.23	2,200.00	1,382.64	2,100.00
TOTAL UTILITIES	1,720.40	2,295.23	2,200.00	1,382.64	2,100.00
SUPPLIES					
00500105 WALD SUPPLIES	.00	858.79	1,994.00	832.45	7,500.00
TOTAL SUPPLIES	.00	858.79	1,994.00	832.45	7,500.00
SERVICES					
00500106 WALD SERVICES	.00	.00	1,096.00	.00	.00
TOTAL SERVICES	.00	.00	1,096.00	.00	.00
TOTAL 0050 WALDEN HEIGHTS	1,720.40	3,154.02	5,290.00	2,215.09	9,600.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0051 LABORATORY					
PERSONAL SERVICES					
00510101 LAB AUTOMOBILE ALLOWANCE	.00	.00	.00	.00	.00
00510151 LAB SALARIES TECHNICAL	365,398.09	352,201.06	397,345.00	245,756.78	426,749.00
00510161 LAB SALARIES OPERATORS	108,394.50	115,270.57	107,816.00	80,510.38	115,505.00
TOTAL PERSONAL SERVICES	473,792.59	467,471.63	505,161.00	326,267.16	542,254.00
TRAVEL AND MEMBERSHIPS					
00510104 LAB TRAVEL EXPENSES	70.00	.00	1,110.00	.00	1,110.00
TOTAL TRAVEL AND MEMBERSHIPS	70.00	.00	1,110.00	.00	1,110.00
SUPPLIES					
00510105 LAB SUPPLIES	47,604.59	42,230.49	60,860.00	20,639.90	49,050.00
TOTAL SUPPLIES	47,604.59	42,230.49	60,860.00	20,639.90	49,050.00
SERVICES					
00510106 LAB SERVICES	10,547.87	10,849.43	16,700.00	9,147.14	16,100.00
TOTAL SERVICES	10,547.87	10,849.43	16,700.00	9,147.14	16,100.00
CAPITAL OUTLAY					
00510107 LAB CAPITAL OUTLAY	22,782.31	15,053.41	21,954.00	4,282.92	7,000.00
TOTAL CAPITAL OUTLAY	22,782.31	15,053.41	21,954.00	4,282.92	7,000.00
TOTAL 0051 LABORATORY	554,797.36	535,604.96	605,785.00	360,337.12	615,514.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0052 MAINTENANCE					
PERSONAL SERVICES					
00520131 MAINT SALARIES SUPERVISION	234,929.00	231,821.98	266,930.00	120,609.36	261,851.00
00520161 MAINT SALARIES OPERATORS	262,248.40	337,789.27	401,743.00	244,509.24	426,588.00
00520171 MAINT SALARIES REPAIR MECH	1,068,660.61	1,051,503.68	1,259,679.00	709,124.88	1,242,211.00
TOTAL PERSONAL SERVICES	1,565,838.01	1,621,114.93	1,928,352.00	1,074,243.48	1,930,650.00
TRAVEL AND MEMBERSHIPS					
00520104 MAINT TRAVEL EXPENSES	.00	.00	.00	.00	3,000.00
TOTAL TRAVEL AND MEMBERSHIPS	.00	.00	.00	.00	3,000.00
SUPPLIES					
00520105 MAINT SUPPLIES	249,895.15	220,762.99	250,230.00	128,883.91	330,300.00
TOTAL SUPPLIES	249,895.15	220,762.99	250,230.00	128,883.91	330,300.00
SERVICES					
00520106 MAINT SERVICES	82,679.16	69,017.70	752,941.00	65,866.35	2,030,731.00
TOTAL SERVICES	82,679.16	69,017.70	752,941.00	65,866.35	2,030,731.00
CAPITAL OUTLAY					
00520107 MAINT CAPITAL OUTLAY	105,980.06	182,565.10	71,440.00	1,439.34	120,000.00
TOTAL CAPITAL OUTLAY	105,980.06	182,565.10	71,440.00	1,439.34	120,000.00
TOTAL 0052 MAINTENANCE	2,004,392.38	2,093,460.72	3,002,963.00	1,270,433.08	4,414,681.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0053 YARDS & GROUNDS					
PERSONAL SERVICES					
00530131 YARDS SALARIES SUPERVISION	81,161.08	80,091.32	75,178.00	57,731.92	91,928.00
00530161 YARDS SALARIES OPERATORS	617,863.32	664,713.93	748,647.00	638,235.86	1,053,486.00
TOTAL PERSONAL SERVICES	699,024.40	744,805.25	823,825.00	695,967.78	1,145,414.00
UTILITIES					
00530103 YARD UTILITES	9,604.36	8,327.73	10,750.00	6,536.81	10,750.00
TOTAL UTILITIES	9,604.36	8,327.73	10,750.00	6,536.81	10,750.00
SUPPLIES					
00530105 YARDS SUPPLIES	24,716.74	23,492.61	46,935.00	23,642.81	36,600.00
TOTAL SUPPLIES	24,716.74	23,492.61	46,935.00	23,642.81	36,600.00
SERVICES					
00530106 YARDS SERVICES	.00	.00	1,000.00	.00	32,000.00
TOTAL SERVICES	.00	.00	1,000.00	.00	32,000.00
CAPITAL OUTLAY					
00530107 YARDS CAPITAL OUTLAY	.00	6,099.84	8,000.00	1,605.28	6,500.00
TOTAL CAPITAL OUTLAY	.00	6,099.84	8,000.00	1,605.28	6,500.00
TOTAL 0053 YARDS & GROUNDS	733,345.50	782,725.43	890,510.00	727,752.68	1,231,264.00
TOTAL 92 BSA WASTEWATER TREATMENT PLANT	16,607,885.44	17,686,447.94	24,160,985.05	11,812,375.69	26,037,503.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
93 BSA INDUSTRIAL WASTE DIVISION					
0055 INDUSTRIAL WASTE SECTION					
PERSONAL SERVICES					
00550121 IWS SALARIES CLERICAL	.00	.00	37,860.00	7,632.12	53,319.00
00550151 IWS SALARIES TECHNICAL	109,283.10	104,874.55	104,292.00	69,082.04	105,292.00
00550161 IWS SALARIES OPERATORS	264,425.48	278,970.37	277,085.00	200,817.79	290,173.00
TOTAL PERSONAL SERVICES	373,708.58	383,844.92	419,237.00	277,531.95	448,784.00
TRAVEL AND MEMBERSHIPS					
00550104 IWS TRAVEL EXPENSES	265.00	160.00	600.00	.00	1,900.00
TOTAL TRAVEL AND MEMBERSHIPS	265.00	160.00	600.00	.00	1,900.00
SUPPLIES					
00550105 IWS SUPPLIES	9,006.98	6,748.85	10,310.00	4,898.60	10,310.00
TOTAL SUPPLIES	9,006.98	6,748.85	10,310.00	4,898.60	10,310.00
SERVICES					
00550106 IWS SERVICES	139,578.63	121,170.21	209,252.00	71,799.95	190,132.00
TOTAL SERVICES	139,578.63	121,170.21	209,252.00	71,799.95	190,132.00
CAPITAL OUTLAY					
00550107 IWS CAPITAL OUTLAY	6,609.25	26,943.05	28,100.00	4,988.00	6,100.00
TOTAL CAPITAL OUTLAY	6,609.25	26,943.05	28,100.00	4,988.00	6,100.00
TOTAL 0055 INDUSTRIAL WASTE SECTION	529,168.44	538,867.03	667,499.00	359,218.50	657,226.00
TOTAL 93 BSA INDUSTRIAL WASTE DIVISION	529,168.44	538,867.03	667,499.00	359,218.50	657,226.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
94 BSA ENGINEERING DIVISION					
0060 ENGINEERING					
PERSONAL SERVICES					
00600101 ENG AUTOMOBILE ALLOWANCE	.00	.00	.00	.00	.00
00600111 ENG SALARIES EXECUTIVE	93,178.44	97,414.36	110,695.00	70,367.08	110,895.00
00600121 ENG SALARIES CLERICAL	.00	6,473.91	49,609.00	.00	49,609.00
00600131 ENG SALARIES - SUPERVISION	42,590.92	97,893.93	164,212.00	74,937.96	1,200.00
00600161 ENG SALARIES OPERATORS	635,777.78	592,712.85	753,223.00	370,599.83	842,472.00
TOTAL PERSONAL SERVICES	771,547.14	794,495.05	1,077,739.00	515,904.87	1,004,176.00
UTILITIES					
00600103 ENGINEERING TELEPHONE	3,893.26	5,811.33	5,500.00	2,866.68	8,000.00
TOTAL UTILITIES	3,893.26	5,811.33	5,500.00	2,866.68	8,000.00
TRAVEL AND MEMBERSHIPS					
00600104 ENG TRAVEL EXPENSES	3,349.29	10,983.57	24,285.00	7,981.08	19,000.00
TOTAL TRAVEL AND MEMBERSHIPS	3,349.29	10,983.57	24,285.00	7,981.08	19,000.00
SUPPLIES					
00600105 ENG SUPPLIES	3,519.87	5,961.12	9,300.00	7,513.76	19,200.00
TOTAL SUPPLIES	3,519.87	5,961.12	9,300.00	7,513.76	19,200.00
SERVICES					
00600106 ENG SERVICES	91,604.12	115,913.35	277,267.72	126,277.62	465,700.00
TOTAL SERVICES	91,604.12	115,913.35	277,267.72	126,277.62	465,700.00
CAPITAL OUTLAY					
00600107 ENG CAPITAL OUTLAY	101.85	97,034.16	30,897.28	397.32	29,000.00
TOTAL CAPITAL OUTLAY	101.85	97,034.16	30,897.28	397.32	29,000.00
TOTAL 0060 ENGINEERING	874,015.53	1,030,198.58	1,424,989.00	660,941.33	1,545,076.00
TOTAL 94 BSA ENGINEERING DIVISION	874,015.53	1,030,198.58	1,424,989.00	660,941.33	1,545,076.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
95 BSA SEWER MAINTENANCE DIVISION					
0065 SEWER MAINTENANCE OFFICE					
PERSONAL SERVICES					
00650101 SWRMA AUTOMOBILE ALLOWANCE	.00	.00	.00	.00	.00
00650121 SWRMA SALARIES CLERICAL	66,536.75	70,407.22	103,812.00	51,250.21	65,952.00
00650131 SWRMA SALARIES SUPERVISION	124,128.57	151,054.12	146,239.00	52,204.27	156,554.00
00650161 SWRM	.00	107,714.58	164,497.00	59,985.63	176,432.00
TOTAL PERSONAL SERVICES	190,665.32	329,175.92	414,548.00	163,440.11	398,938.00
UTILITIES					
00650103 SWRMA UTILITIES	32,388.23	33,113.40	101,000.00	21,351.40	102,500.00
TOTAL UTILITIES	32,388.23	33,113.40	101,000.00	21,351.40	102,500.00
TRAVEL AND MEMBERSHIPS					
00650104 SWRMA TRAVEL EXPENSES	405.00	1,275.09	3,500.00	504.00	11,000.00
TOTAL TRAVEL AND MEMBERSHIPS	405.00	1,275.09	3,500.00	504.00	11,000.00
SUPPLIES					
00650105 SWRMA SUPPLIES	7,079.68	1,513.50	2,200.00	334.48	1,750.00
TOTAL SUPPLIES	7,079.68	1,513.50	2,200.00	334.48	1,750.00
SERVICES					
00650106 SWRMA SERVICES	36,829.11	124,504.89	255,385.00	125,282.13	103,901.00
TOTAL SERVICES	36,829.11	124,504.89	255,385.00	125,282.13	103,901.00
CAPITAL OUTLAY					
00650107 SWRMA CAPITAL OUTLAY	1,814.43	5,520.66	20,000.00	20,766.00	5,000.00
TOTAL CAPITAL OUTLAY	1,814.43	5,520.66	20,000.00	20,766.00	5,000.00
OTHER					

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
00650108 SWRMA INSURANCE	12,859.50	10,366.70	15,000.00	9,859.72	15,000.00
TOTAL OTHER	12,859.50	10,366.70	15,000.00	9,859.72	15,000.00
TOTAL 0065 SEWER MAINTENANCE OFFICE	282,041.27	505,470.16	811,633.00	341,537.84	638,089.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0066 SEWER REPAIR FUNCTION					
PERSONAL SERVICES					
00660101 SWRRE AUTOMOBILE ALLOWANCE	.00	.00	.00	.00	.00
00660131 SWRRE SALARIES SUPERVISION	134,924.44	264,870.68	253,543.00	132,769.73	187,786.00
00660161 SWRR	23.32	81,348.69	119,713.00	44,522.35	172,736.00
00660171 SWRRE SALARIES REPAIR MECH	173,566.02	300,691.25	684,188.00	238,459.84	730,678.00
TOTAL PERSONAL SERVICES	308,513.78	646,910.62	1,057,444.00	415,751.92	1,091,200.00
SUPPLIES					
00660105 SWRRE SUPPLIES	233,018.85	323,497.98	310,000.00	201,052.98	342,000.00
TOTAL SUPPLIES	233,018.85	323,497.98	310,000.00	201,052.98	342,000.00
SERVICES					
00660106 SWRRE SERVICES	.00	135,621.79	180,500.00	78,193.68	180,500.00
TOTAL SERVICES	.00	135,621.79	180,500.00	78,193.68	180,500.00
CAPITAL OUTLAY					
00660107 SWRRE CAPITAL OUTLAY	111,743.00	11,853.00	15,000.00	.00	25,000.00
TOTAL CAPITAL OUTLAY	111,743.00	11,853.00	15,000.00	.00	25,000.00
TOTAL 0066 SEWER REPAIR FUNCTION	653,275.63	1,117,883.39	1,562,944.00	694,998.58	1,638,700.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0067 SEWER CLEANING FUNCTION					
PERSONAL SERVICES					
00670131 SWRCL SALARIES SUPERVISION	443,360.25	303,277.71	599,288.00	204,323.34	393,307.00
00670161 SWRCL SALARIES OPERATORS	1,215,209.41	994,521.51	1,473,522.00	553,835.24	1,297,371.00
TOTAL PERSONAL SERVICES	1,658,569.66	1,297,799.22	2,072,810.00	758,158.58	1,690,678.00
SUPPLIES					
00670105 SWRCL SUPPLIES	48,747.71	48,614.16	46,000.00	26,551.82	53,500.00
TOTAL SUPPLIES	48,747.71	48,614.16	46,000.00	26,551.82	53,500.00
SERVICES					
00670106 SWRCL SERVICES	19,497.54	27,785.76	15,000.00	11,152.52	15,000.00
TOTAL SERVICES	19,497.54	27,785.76	15,000.00	11,152.52	15,000.00
CAPITAL OUTLAY					
00670107 SWRCL CAPITAL OUTLAY	8,880.00	130,568.22	.00	.00	.00
TOTAL CAPITAL OUTLAY	8,880.00	130,568.22	.00	.00	.00
TOTAL 0067 SEWER CLEANING FUNCTION	1,735,694.91	1,504,767.36	2,133,810.00	795,862.92	1,759,178.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0068 INTERCEPTORS & TRUNK SEWERS					
PERSONAL SERVICES					
00680161 SWRIN SALARIES OPERATORS	.00	.00	.00	.00	.00
TOTAL PERSONAL SERVICES	.00	.00	.00	.00	.00
UTILITIES					
00680103 LONG TERM CONTROL	4,603.64	1,288.82	7,500.00	548.38	7,500.00
TOTAL UTILITIES	4,603.64	1,288.82	7,500.00	548.38	7,500.00
SUPPLIES					
00680105 LONG TERM CONTROL	.00	460.00	.00	.00	.00
TOTAL SUPPLIES	.00	460.00	.00	.00	.00
SERVICES					
00680106 LONG TERM CONTROL	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
CAPITAL OUTLAY					
00680107 LONG TERM CONTROL	.00	.00	.00	.00	.00
TOTAL CAPITAL OUTLAY	.00	.00	.00	.00	.00
TOTAL 0068 INTERCEPTORS & TRUNK SEWERS	4,603.64	1,748.82	7,500.00	548.38	7,500.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0069 AUTOMOTIVE EQUIPMENT SERVICES					
PERSONAL SERVICES					
00690171 AUTO SALARIES REPAIR MECH	122,787.43	123,828.71	175,038.00	87,907.63	186,039.00
TOTAL PERSONAL SERVICES	122,787.43	123,828.71	175,038.00	87,907.63	186,039.00
SUPPLIES					
00690105 AUTO SUPPLIES	107,737.13	131,932.12	170,250.00	82,505.89	164,350.00
TOTAL SUPPLIES	107,737.13	131,932.12	170,250.00	82,505.89	164,350.00
SERVICES					
00690106 AUTO SERVICES	169,107.44	54,223.46	35,200.00	20,625.67	35,500.00
TOTAL SERVICES	169,107.44	54,223.46	35,200.00	20,625.67	35,500.00
CAPITAL OUTLAY					
00690107 AUTO CAPITAL OUTLAY	27,859.04	467,401.02	631,015.00	85,728.05	307,500.00
TOTAL CAPITAL OUTLAY	27,859.04	467,401.02	631,015.00	85,728.05	307,500.00
TOTAL 0069 AUTOMOTIVE EQUIPMENT SERVICES	427,491.04	777,385.31	1,011,503.00	276,767.24	693,389.00
TOTAL 95 BSA SEWER MAINTENANCE DIVISION	3,103,106.49	3,907,255.04	5,527,390.00	2,109,714.96	4,736,856.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
98 BSA GENERAL FINANCIAL CHARGES					
0080 MISC FINANCIAL CHARGES					
SERVICES					
00800106 FINANCIAL SERVICES	3,899,690.50	3,899,689.50	3,899,690.00	1,949,845.00	3,899,690.00
TOTAL SERVICES	3,899,690.50	3,899,689.50	3,899,690.00	1,949,845.00	3,899,690.00
OTHER					
00800108 FINANCIAL CHARGES	43,492,588.55	42,864,383.68	325,000.00	18,781,013.02	410,000.00
00800183 FINANCIAL CONTINGENCY	.00	.00	1,861,174.71	.00	2,250,000.00
TOTAL OTHER	43,492,588.55	42,864,383.68	2,186,174.71	18,781,013.02	2,660,000.00
TOTAL 0080 MISC FINANCIAL CHARGES	47,392,279.05	46,764,073.18	6,085,864.71	20,730,858.02	6,559,690.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0082 FRINGE BENEFITS					
PERSONAL SERVICES					
00820101 FRINGE M. I. T. INCENTIVE	.00	.00	.00	.00	.00
TOTAL PERSONAL SERVICES	.00	.00	.00	.00	.00
FRINGE BENEFITS					
00820102 FRINGE BENEFITS	9,128,641.24	9,325,229.62	11,139,619.00	7,117,696.11	11,363,791.00
TOTAL FRINGE BENEFITS	9,128,641.24	9,325,229.62	11,139,619.00	7,117,696.11	11,363,791.00
SERVICES					
00820106 FRINGE MEDICAL SERVICES	.00	.00	.00	.00	.00
TOTAL SERVICES	.00	.00	.00	.00	.00
TOTAL 0082 FRINGE BENEFITS	9,128,641.24	9,325,229.62	11,139,619.00	7,117,696.11	11,363,791.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0085 DEBT SERVICE & RESERVE					
OTHER					
00850108 DEBT PAYMENTS	.00	.00	5,134,146.00	1,369,815.65	5,106,382.00
TOTAL OTHER	.00	.00	5,134,146.00	1,369,815.65	5,106,382.00
TOTAL 0085 DEBT SERVICE & RESERVE	.00	.00	5,134,146.00	1,369,815.65	5,106,382.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
APPROPRIATION BY OBJECT DETAIL

	2016-2017 ACTUAL EXPENDITURES	2017-2018 ACTUAL EXPENDITURES	2018-2019 ORIGINAL BUDGET	2018-2019 YEAR TO DATE EXPENDITURES	2019-2020 ADOPTED BUDGET
0088 INTERFUND TRANSFERS					
OTHER					
00880108 INTERFUND TRANSFERS	900,000.00	12,000.00	.00	.00	.00
TOTAL OTHER	900,000.00	12,000.00	.00	.00	.00
TOTAL 0088 INTERFUND TRANSFERS	900,000.00	12,000.00	.00	.00	.00
TOTAL 98 BSA GENERAL FINANCIAL CHARGES	57,420,920.29	56,101,302.80	22,359,629.71	29,218,369.78	23,029,863.00
TOTAL	79,955,464.19	80,721,742.51	55,750,000.00	45,317,168.42	57,950,000.00

SECTION

D

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
REVENUES BY DEPARTMENT

	2016-2017 ACTUAL REVENUES	2017-2018 ACTUAL REVENUES	2018-2019 ORIGINAL REVENUES	2019-2020 PROPOSED REVENUES
00 NOT ASSIGNED				
0000 NOT ASSIGNED				
399080 REV-OTHER FIN SOURCE CAP LEA	.00	.00	.00	.00
TOTAL 0000 NOT ASSIGNED	.00	.00	.00	.00
TOTAL 00 NOT ASSIGNED	.00	.00	.00	.00
90 BUFFALO SEWER AUTHORITY				
0090 ASSESSMENT CHARGES				
399110 ASSESS SEWER RENT CITY CURRE	11,402,356.98	11,529,580.22	12,050,000.00	12,050,000.00
399120 ASSESS SEWER RENT CITY PRIOR	681,697.94	638,478.47	.00	.00
399130 ASSESS SEWER RENT BMHA	.00	.00	7,600.00	7,600.00
399140 ASSESS SEWER RENT OUTSIDE CU	34,336.91	39,706.90	25,000.00	30,000.00
TOTAL 0090 ASSESSMENT CHARGES	12,118,391.83	12,207,765.59	12,082,600.00	12,087,600.00
0091. WATER USE				
399210 WATER SEWER RENT FLAT RATE	2,654,271.21	2,527,106.37	2,500,000.00	2,500,000.00
399220 WATER SEWER RENT METER MONTH	4,013,515.50	4,158,990.40	3,500,000.00	4,000,000.00
399230 WATER SEWER RENT METER QTRLY	19,858,980.51	20,059,100.85	19,000,000.00	20,000,000.00
399231 SEWER RENT - CROY STREET	.00	.00	.00	.00
399260 WATER SEWER RENT METER MISC	466,486.67	428,718.10	400,000.00	425,000.00
399270 WATER SEWER RENT OUTSIDE CON	.00	.00	.00	.00
TOTAL 0091 WATER USE	26,993,253.89	27,173,915.72	25,400,000.00	26,925,000.00
0092 OUTSIDE CONTRACTS				
399410 CONTRACT ACCOUNTS OUTSIDE CI	15,708,267.22	13,832,218.59	13,250,000.00	11,550,000.00
TOTAL 0092 OUTSIDE CONTRACTS	15,708,267.22	13,832,218.59	13,250,000.00	11,550,000.00
0093 INDUSTRIAL WASTE CHARGES				
399600 INDUSTRIAL WASTE	.00	.00	.00	.00
399610 INDUSTRIAL WASTE SURCHARGES	1,124,097.76	1,515,704.78	1,200,000.00	1,600,000.00
399630 INDUSTRIAL WASTE HAULERS	794,508.01	1,479,801.48	600,000.00	1,500,000.00
399650 INDUSTRIAL WASTE ANALYTICAL	16,417.26	16,193.51	14,000.00	20,000.00
399670 INDUSTRIAL WASTE ENFORCEMENT	.00	8,000.00	.00	.00

CITY OF BUFFALO
BUFFALO SEWER AUTHORITY
REVENUES BY DEPARTMENT

	2016-2017 ACTUAL REVENUES	2017-2018 ACTUAL REVENUES	2018-2019 ORIGINAL REVENUES	2019-2020 PROPOSED REVENUES
399671 INDUSTRIAL WASTE SPILL CLEAN	.00	.00	.00	.00
399675 INDUSTRIAL WASTE SEWER CLEAN	.00	.00	.00	.00
399690 INDUSTRIAL WASTE PERMITS	9,267.00	10,940.00	8,000.00	10,000.00
TOTAL 0093 INDUSTRIAL WASTE CHARGES	1,944,290.03	3,030,639.77	1,822,000.00	3,130,000.00
0094 INTEREST CHARGES				
399810 INT DEL ASSESS SEWER RENT	197,398.02	211,588.06	190,000.00	200,000.00
399821 INT DEL WATER S/R FLAT RATE	244,339.55	131,568.57	150,000.00	150,000.00
399822 INT DEL WATER S/R METER QTRL	676,329.07	662,060.17	500,000.00	650,000.00
399830 INT DEL WATER S/R METER MTHL	10,805.06	21,493.58	9,000.00	10,000.00
TOTAL 0094 INTEREST CHARGES	1,128,871.70	1,026,710.38	849,000.00	1,010,000.00
0095 INTEREST EARNINGS				
399870 INTEREST ON INVESTMENTS	602,481.76	1,227,974.47	1,400,000.00	2,000,000.00
399875 INTEREST BANK ACCOUNTS	2.23	3.52	.00	.00
TOTAL 0095 INTEREST EARNINGS	602,483.99	1,227,977.99	1,400,000.00	2,000,000.00
0096 MISCELLANEOUS CHARGES & FEES				
380523 PROCEEDS FROM LAND BANK	.00	1,537.50	.00	.00
397000 UNRESERVED FUND BALANCE	.00	.00	.00	.00
399910 COBRA ADMINISTRATIVE FEES	.00	.00	.00	.00
399920 CUSTOMER PAID COMMISSION	26,398.42	22,137.15	.00	.00
399930 MISCELLANEOUS REVENUE	1,559,658.68	1,364,374.14	925,000.00	1,225,000.00
399940 SALE OF SCRAP	13,951.27	22,304.31	7,000.00	10,000.00
399950 SALE OF GRATES & RECEIVERS	19,914.00	19,428.00	12,000.00	11,000.00
399955 GAIN ON SALE OF FIXED ASSETS	42,305.00	54,652.01	.00	.00
399960 DEPOSIT ON CONTRACTS	2,650.00	850.00	2,400.00	1,400.00
399970 GRANT PROCEEDS	.00	.00	.00	.00
399980 INSURANCE SETTLEMENTS	.00	.00	.00	.00
399981 FED&STATE EMERGENCY ASST	.00	.00	.00	.00
399982 MUTUAL AID COB	.00	.00	.00	.00
399985 UNEARNED REVENUE AR OVER	-53,208.48	-63,930.38	.00	.00
399990 TRANSFERS	109,038.76	109,038.64	.00	.00
399991 TRANSFERS FROM NET REVENUE	20,675,320.00	20,404,074.13	.00	.00
399992 TRANSFER FROM SURPLUS	.00	.00	.00	.00
399993 TRANSFERS FROM CONSTRUCTION	219,319.00	186,180.26	.00	.00
TOTAL 0096 MISCELLANEOUS CHARGES & FEES	22,615,346.65	22,120,645.76	946,400.00	1,247,400.00
TOTAL 90 BUFFALO SEWER AUTHORITY	81,110,905.31	80,619,873.80	55,750,000.00	57,950,000.00
TOTAL	81,110,905.31	80,619,873.80	55,750,000.00	57,950,000.00

SECTION

E

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

			<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
			<u>TYPE</u>	
<u>0010 AUTHORITY BOARD MEMBERS</u>				
	1	CHAIRMAN	APPOINTED	3,500
	4	MEMBERS	APPOINTED	2,500
	5			13,500
<u>BSA OPERATING DEPARTMENTS</u>				
<u>0011 ADMINISTRATIVE OFFICES</u>				
0010-EXECUTIVE	1	GENERAL MANAGER	EXEMPT	119,272
	1	EXECUTIVE SECRETARY	MANAGERIAL	1
	1	EXECUTIVE SECRETARY	MANAGERIAL	79,512
	1	GENERAL COUNSEL	MANAGERIAL	99,584
	1	SECRETARY TO GENERAL MANAGER	EXEMPT	109,695
	1	PRESS INFORMATION OFFICER	EXEMPT	57,893
	1	INTERGOVERNMENTAL COORDINATOR	EXEMPT	53,893
	7			519,850
0020-CLERICAL	1	SPECIAL ASSISTANT	EXEMPT	63,014
	1	ADMINISTRATIVE ASSISTANT	CSEA	65,173
	2	PRINCIPAL CLERK	CSEA	60,442
	2	SENIOR CLERK	CSEA	1
	1	SENIOR ACCOUNT CLERK-TYPIST	CSEA	1
	1	ACCOUNT CLERK-TYPIST	CSEA	1
	1	CLERK	CSEA	42,725
	2	SUPERVISING ACCOUNTANT	CSEA	74,344
	2	SENIOR ACCOUNTANT	CSEA	62,128
	1	SENIOR ACCOUNTANT	CSEA	1
	1	JUNIOR ACCOUNTANT	CSEA	49,179
	15			613,924
<u>0012 HUMAN RESOURCES</u>				
0010-EXECUTIVE	1	DIRECTOR OF EMPLOYEE RELATIONS	EXEMPT	95,078
	1			95,078
0020-CLERICAL	1	SENIOR ADMINISTRATIVE ASSISTANT	CSEA	74,344
	1	PRINCIPAL CLERK	CSEA	60,442
	1	CLERK	CSEA	41,448
	1	CLERK	CSEA	39,016
	1	WORKER'S COMPENSATION ANALYST	CSEA	49,179
	5			264,429
<u>91 - DEPARTMENT TOTAL</u>				
	28			1,493,281

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

			<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0020 SEWAGE TREATMENT PLANT-ADMINISTRATION</u>					
0010-EXECUTIVE	1	TREATMENT PLANT SUPERINTENDENT	MANAGERIAL	109,695	109,695
	1	ASSISTANT TREATMENT PLANT SUPT.	CSEA	1	1
	1	TREATMENT PLANT ADMINISTRATOR	CSEA	109,695	109,695
	1	ADMIN. OF CAPITAL IMPROV. & DEVEL.	MANAGERIAL	1	1
	1	SYSTEMS ADMINISTRATOR	MANAGERIAL	82,321	82,321
	1	SUPERINTENDENT OF MECHANICAL MAINT.	CSEA	98,918	98,918
	1	ASST. SUPER. OF MECHANICAL MAINT.	CSEA	84,522	84,522
	1	ASST. SUPER. OF MECHANICAL MAINT.	CSEA	69,151	69,151
	8				554,304
0020-CLERICAL	2	ASSISTANT COMPUTER SYSTEMS ENG	CSEA	66,813	133,626
	1	ASSISTANT COMPUTER SYSTEMS ENG	CSEA	56,314	56,314
	1	SUPERVISOR OF FIXED ASSETS	CSEA	74,343	74,343
	1	ASST SUPERVISOR OF FIXED ASSETS	CSEA	64,102	66,813
	1	ASSISTANT COMPUTER PROGRAMMER	CSEA	1	1
	1	ADMINISTRATIVE ASSISTANT	CSEA	65,173	65,173
	2	PRINCIPAL CLERK	CSEA	60,442	120,884
	1	SENIOR ACCOUNT CLERK-TYPIST	CSEA	1	1
	1	SENIOR CLERK	CSEA	1	1
	1	ACCOUNT CLERK-TYPIST	CSEA	45,069	45,069
	3	CLERK	CSEA	1	3
	2	SR. SANITARY ENGINEER	CSEA	1	2
	2	JR. SANITARY ENGINEER	CSEA	50,407	100,814
	1	DRAFTING TECHNICIAN	CSEA	49,609	49,609
	20				712,653
0030-SUPERVISION	1	SAFETY OFFICER	CSEA	74,344	74,344
	6	SHIFT SUPERINTENDENT	CSEA	79,512	477,072
	1	ASSISTANT PRINCIPAL ENGINEER	CSEA	98,182	98,182
	8				649,598
<u>0021 R.W.W.P. (INCLUDES INLET AND HARBOR CROSSING)</u>					
0060-OPERATORS	1	WASTEWATER OPERATOR II	CWA	49,424	49,424
	2	WASTEWATER OPERATOR I	CWA	43,723	87,446
	3				136,870
<u>0023 GRIT ROOM</u>					
0060-OPERATORS	1	WASTEWATER OPERATOR II (LICENSED)	CWA	53,259	53,259
	2	WASTEWATER OPERATOR I	CWA	43,723	87,446
	1	WASTEWATER OPERATOR I	CWA	41,480	41,480
	4				182,185
<u>0024 PRIMARY SEDIMENTATION</u>					
0060-OPERATORS	1	WASTEWATER OPERATOR II (LICENSED)	CWA	53,259	53,259
	1	WASTEWATER OPERATOR I	CWA	46,238	46,238
	2	WASTEWATER OPERATOR I	CWA	41,480	82,960
	4				182,457

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

		<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0025 SECONDARY CONTROL</u>				
0060-OPERATORS	1	WASTEWATER OPERATOR II (LICENSED)	1	1
	3	WASTEWATER OPERATOR I	45,001	135,003
	4			135,004
<u>0026 PRIMARY CONTROL</u>				
0060-OPERATORS	2	WASTEWATER OPERATOR II (LICENSED)	53,259	106,518
	2			106,518
<u>0028 S.W.W.P.</u>				
0060-OPERATORS	1	WASTEWATER OPERATOR I	41,480	41,480
	2	WASTEWATER OPERATOR I	1	2
	3			41,482
<u>0029 AERATION (INCLUDES: RAS, FINAL CLARIFIER, WAS)</u>				
0060-OPERATORS	1	WASTEWATER OPERATOR II (LICENSED)	53,259	53,259
0060-OPERATORS	2	WASTEWATER OPERATOR II (LICENSED)	1	2
	4	WASTEWATER OPERATOR II	52,672	210,688
	3	WASTEWATER OPERATOR II	51,059	153,177
	2	WASTEWATER OPERATOR I	41,480	82,960
	12			500,086
<u>0033 FINAL EFFLUENT BLDG.</u>				
0060-OPERATORS	1	WASTEWATER OPERATOR II (LICENSED)	53,259	53,259
	1	WASTEWATER OPERATOR II (LICENSED)	1	1
	1			53,260
<u>0036 SLUDGE DISPOSAL (INCLUDES PRESSES & CONVEYOR SYSTEM)</u>				
0060-OPERATORS	3	WASTEWATER OPERATOR II	52,672	158,016
	1	WASTEWATER OPERATOR II	1	1
	2	WASTEWATER OPERATOR II	51,059	102,118
	1	WASTEWATER OPERATOR II 4A LICENSE	58,730	58,730
	1	WASTEWATER OPERATOR II 4A LICENSE	1	1
	3	WASTEWATER OPERATOR II (LICENSED)	53,259	159,777
	1	WASTEWATER OPERATOR II (LICENSED)	1	1
	12			478,644
<u>0038 INCINERATION/BOILERS</u>				
0030-SUPERVISION	1	PRINCIPAL CHIEF STATIONARY ENGINEER	79,512	79,512
	1	ASSOCIATE CHIEF STATIONARY ENGINEER	1	1
	1			79,513
0060-OPERATORS	3	SR. FIRST CLASS STATIONARY ENGINEER	58,730	176,190
	3	SR. FIRST CLASS STATIONARY ENGINEER	56,676	170,028
	1	SR. FIRST CLASS STATIONARY ENGINEER	54,643	54,643
	1	MILLWRIGHT	58,730	58,730
	1	MILLWRIGHT HELPER	50,094	50,094
	5	LABORER II	46,238	231,190
	4	LABORER II	1	4
	18			740,879

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

			<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0051 LABORATORY</u>					
0050-TECHNICAL	1	DIRECTOR OF LABORATORY	CSEA	91,378	91,378
	1	ASSOCIATE CHEMIST	CSEA	1	1
	1	SENIOR SANITARY CHEMIST	CSEA	1	1
	1	SANITARY CHEMIST	CSEA	69,918	69,918
	1	SANITARY CHEMIST	CSEA	57,585	57,585
	2	ASSISTANT SANITARY CHEMIST	CSEA	47,799	95,598
	1	INVESTIGATOR	CSEA	55,663	55,663
	8				370,144
<u>0060-OPERATORS</u>					
	1	LAB ASSISTANT	CWA	50,094	50,094
	1	LAB ASSISTANT	CWA	1	1
	1	LABORER I	CWA	44,540	44,540
	3				94,635
<u>0052 SEWAGE TREATMENT PLANT-MAINTENANCE DIVISION</u>					
<u>0030-SUPERVISION</u>					
	2	SENIOR INSTRUMENT TECHNICIAN	CSEA	72,201	144,402
	1	SENIOR STOCK CLERK	CSEA	42,497	42,497
	1	PREVENTATIVE MAINTENANCE COORD	CSEA	50,407	50,407
	4				237,306
<u>0060-OPERATORS</u>					
	2	INSTRUMENT TECHNICIAN	CWA	58,730	117,460
	1	INSTRUMENT TECHNICIAN	CWA	52,610	52,610
	2	INSTRUMENT TECHNICIAN	CWA	1	2
	1	EQUIPMENT OPERATOR	CWA	52,672	52,672
	1	STOCK CLERK	CWA	47,956	47,956
	1	STOCK CLERK	CWA	46,657	46,657
	2	LABORER II	CWA	46,238	92,476
	10				409,833
<u>0070-REPAIRMAN</u>					
	2	ELECTRICIAN	CWA	58,730	117,460
	2	ELECTRICIAN	CWA	50,597	101,194
	1	CARPENTER	CWA	1	1
	1	MACHINIST	CWA	1	1
	1	HEAD MILLWRIGHT	CWA	1	1
	6	MILLWRIGHT	CWA	58,730	352,380
	1	MILLWRIGHT	CWA	54,643	54,643
	1	MILLWRIGHT	CWA	50,597	50,597
	1	MILLWRIGHT	CWA	1	1
	1	PAINTER	CWA	55,439	55,439
	6	MILLWRIGHT HELPER	CWA	50,094	300,564
	1	MILLWRIGHT HELPER	CWA	44,037	44,037
	2	MILLWRIGHT HELPER	CWA	1	2
	1	OILER	CWA	1	1
	27				1,076,321

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

			<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0053 YARDS & GROUNDS</u>					
0030-SUPERVISION	1	SUPERVISOR OF GROUNDS	CSEA	69,918	69,918
	<u>1</u>				<u>69,918</u>
0060-OPERATORS	2	LABORER II	CWA	46,238	92,476
	2	LABORER I	CWA	44,540	89,080
	4	LABORER I	CWA	43,471	173,884
	5	LABORER I	CWA	42,423	212,115
	3	LABORER I	CWA	41,333	123,999
	2	LABORER I	CWA	1	2
	<u>18</u>				<u>691,556</u>
92 - DEPARTMENT TOTAL					
	<u>171</u>				<u>7,503,166</u>
<u>0055 INDUSTRIAL WASTE</u>					
0020-CLERICAL	1	SENIOR CLERK	CSEA	49,609	49,609
	<u>1</u>				<u>49,609</u>
0050-TECHNICAL	1	INDUSTRIAL WASTE ADMINISTRATOR	CSEA	98,182	98,182
	<u>1</u>				<u>98,182</u>
0060-OPERATORS	1	LEGAL INVESTIGATOR	CSEA	55,663	55,663
	2	INVESTIGATOR BSA	CSEA	55,663	111,326
	1	SENIOR FIELD TECHNICIAN	CSEA	1	1
	2	FIELD TECHNICIAN	CSEA	49,609	99,218
	<u>6</u>				<u>266,208</u>
93 - DEPARTMENT TOTAL					
	<u>8</u>				<u>413,999</u>
<u>0060 ENGINEERING DEPARTMENT</u>					
0010-EXECUTIVE	1	PRINCIPAL SANITARY ENGINEER	MANAGERIAL	109,695	109,695
	<u>1</u>				<u>109,695</u>
0020-CLERICAL	1	SENIOR CLERK	CSEA	49,609	49,609
	<u>1</u>				<u>49,609</u>
0060-OPERATORS	2	ASSOCIATE ENGINEER	CSEA	1	2
	2	ASSISTANT SANITARY ENGINEER	CSEA	65,173	130,346
	1	JUNIOR SANITARY ENGINEER	CSEA	50,407	50,407
	1	JUNIOR SANITARY ENGINEER	CSEA	52,840	52,840
	1	CHIEF SEWER CONSTRUCTION INSPECTOR	CSEA	74,344	74,344
	7	SEWER CONSTRUCTION INSPECTOR	CSEA	62,128	434,896
	1	LANDSCAPE ARCHITECT	CSEA	60,442	60,442
	<u>15</u>				<u>803,277</u>
94 - DEPARTMENT TOTAL					
	<u>17</u>				<u>962,581</u>

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

		<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0065 SEWER MAINTENANCE OFFICE</u>				
0020-CLERICAL	1	PRINCIPAL CLERK	CSEA	60,442
	1			60,442
0030-SUPERVISION	1	DIRECTOR OF SEWER MAINTENANCE	EXEMPT	71,856
	1	ASSISTANT SEWER MAINTENANCE SUPER.	CSEA	66,813
	2			138,669
0060-OPERATORS	1	DISPATCHER	CWA	55,439
	1	JUNIOR SANITARY ENGINEER	CSEA	1
	1	PREVENTIVE MAINTENANCE COORDINATOR	CSEA	60,442
	1	LABORER I	CWA	44,540
	4			160,422
<u>0066 SEWER - REPAIRS</u>				
0030-SUPERVISION	3	SEWER MAINTENANCE SUPERVISOR I	CSEA	56,647
	3			169,941
0060-OPERATORS	3	EQUIPMENT OPERATOR	CWA	52,672
	3			158,016
0070-REPAIRMAN	4	SEWER CONSTRUCTION WORKER	CWA	50,094
	1	SEWER CONSTRUCTION WORKER	CWA	48,606
	1	SEWER CONSTRUCTION WORKER	CWA	44,037
	1	MAINTENANCE ASSISTANT	CWA	46,657
	2	MAINTENANCE ASSISTANT	CWA	44,037
	1	MAINTENANCE ASSISTANT	CWA	41,040
	1	MAINTENANCE ASSISTANT	CWA	42,339
	2	LABORER II	CWA	46,238
	1	LABORER I	CWA	44,540
	1	LABORER I	CWA	41,333
	15			689,478

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

			<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>0067 SEWER CLEANING</u>					
0030-SUPERVISION	6	SEWER MAINTENANCE SUPERVISOR I	CSEA	56,647	339,882
	6				339,882
<u>0060-OPERATORS</u>					
	2	EQUIPMENT OPERATOR	CWA	52,672	105,344
	3	EQUIPMENT OPERATOR	CWA	51,059	153,177
	2	MAINTENANCE ASSISTANT SEWER CLEANING	CWA	47,956	95,912
	1	MAINTENANCE ASSISTANT SEWER CLEANING	CWA	45,336	45,336
	6	MAINTENANCE ASSISTANT SEWER CLEANING	CWA	44,037	264,222
	1	LABORER I	CWA	44,540	44,540
	1	LABORER I	CWA	43,471	43,471
	2	LABORER I	CWA	42,423	84,846
	4	LABORER I	CWA	41,333	165,332
	4	LABORER I	CWA	40,264	161,056
	26				1,163,236
<u>0069 AUTOMOTIVE EQUIPMENT SERVICE</u>					
0070-REPAIRMAN	1	HEAD MOTOR EQUIPMENT MECHANIC	CWA	64,787	64,787
	1	MOTOR EQUIPMENT MECHANIC	CWA	61,979	61,979
	1	LABORER II	CWA	46,238	46,238
	3				173,004
<u>95 - DEPARTMENT TOTAL</u>					
	56				3,053,090

**BUFFALO SEWER AUTHORITY
DETAILED SALARY SCHEDULE
2019-2020 FISCAL YEAR**

	<u>TYPE</u>	<u>ANNUAL SALARY</u>	<u>TOTAL SALARIES</u>
<u>BSA OPERATING DEPARTMENTS</u>	<u>OPERATING POSITIONS</u>		<u>TOTAL</u>
	<u>AUTHORIZED</u>	<u>FUNDED</u>	
91 ADMINISTRATIVE DEPARTMENT	28	22	1,493,281
92 WASTE WATER TREATMENT FACILITIES	171	133	7,503,166
93 INDUSTRIAL WASTE DEPARTMENT	8	7	413,999
94 ENGINEERING DEPARTMENT	17	15	962,581
95 SEWER MAINTENANCE DEPARTMENT	<u>56</u>	<u>55</u>	<u>3,053,090</u>
TOTAL	280	232	13,426,117

SECTION

F

2020-2024 FIVE-YEAR CAPITAL PROGRAM

In accordance with the supplemental Bond Resolution of May 1993, the Buffalo Sewer Authority establishes a Five-Year Capital Program to fund major projects. Personnel from the Engineering Department, the Bird Island Sewage Treatment Plant, the Sewer Maintenance Division and the Administrative Department develop and list capital improvements for inclusion in the Five-Year Capital Plan.

This plan addresses the needs at the Bird Island Sewage Treatment Plant to comply with State and Federal regulations, to rehabilitate equipment, and to complete projects to reduce costs and improve operating efficiencies. This plan also allows the Buffalo Sewer Authority to continue to improve the collection system through rehabilitating combined sewers and constructing additional storm sewers.

Funds for the Capital Program are generated from: bonds, which are paid back over a 20 to 30-year period; lease/purchase proceeds for projects with a shorter life cycle; and a cash reserve fund designated for capital projects. This reserve is sustained by the 15% debt service reserve requirement of the Buffalo Sewer Authority Bond Resolution. For each \$1 million used from the capital reserve, sewer system users save approximately \$600,000 in interest charges as compared to bond issues. The combination of these funding sources will be used prudently to maximize the Capital Program and minimize costs.

The Sewer Authority's current debt limit is \$250 million. The outstanding bonded debt of the Authority is \$36,785,714 as of July 1, 2019.

**BUFFALO SEWER AUTHORITY
FIVE YEAR CAPITAL PLAN
2019-2020 TO 2023-2024**

ITEM	PROJECT TITLE:	BUDGET 2019-20	2020-21	2021-22	2022-23	2023-24
TREATMENT PLANT:						
1	PRIMARY/SECONDARY TREATMENT REHABILITATION	1,000,000	2,000,000	2,000,000	3,000,000	20,000,000
2	HARBOR GATES/INLET GATES (3) REHABILITATION	500,000				
3	DIGESTER 6 REHABILITATION	2,500,000				
4	MAIN FEEDERS ELECTRICAL UPGRADE/13.8KV	500,000				
5	LOCKER ROOM/CONTROLROOM IMPROVEMENTS THROUGHOUT PLANT	700,000	700,000	700,000		
6	REPLACE AHU'S 7-14	1,200,000	1,000,000	1,000,000	1,000,000	1,000,000
7	SWW CONTROLS/FACILITY CONTROLS/FIBER OPTIC	700,000	500,000	500,000		
8	SOLAR ENERGY	2,000,000	2,000,000			
9	GRIT REHABILITATION		700,000			
10	WASTE HAULER MUFFIN MONSTER		800,000			
11	HIGH STRENGTH FOOD WASTE		2,000,000			
12	WASTE HEAT RECOVERY BOILERS		800,000			
13	RWW/SWW PUMP AND MOTOR REHABILITATION/DISCHARGE VALVE REHAB		1,000,000		1,000,000	
14	POWER DISTRIBUTION SYSTEM SURVEY AND IMPLEMENTATION		2,000,000	2,000,000	2,000,000	2,000,000
15	PRIMARY CLARIFIER MODIFICATION/IMPROVEMENTS		1,000,000	1,000,000	1,000,000	
16	ULTRA-FINE BUBBLE INSTALLATION		600,000	6,000,000		
17	PLANT-WIDE CONDUIT EVALUATION & REPAIR		200,000	200,000	200,000	
18	FACILITY-WIDE PIPE REMOVAL		200,000		200,000	
19	ELECTRICAL SUB-METERING AND DISTRIBUTION MODIFICATIONS		750,000			
20	FINAL CLARIFIER BUILDINGS REHABILITATION		1,000,000	700,000		
21	CLEAN/REPAIR FINAL EFFLUENT CONTACT TANKS			700,000		
22	ENGINEERING TERM CONTRACTS			1,000,000		

**BUFFALO SEWER AUTHORITY
FIVE YEAR CAPITAL PLAN
2019-2020 TO 2023-2024**

ITEM	PROJECT TITLE:	BUDGET 2019-20	2020-21	2021-22	2022-23	2023-24
23	AUXILIARY BOILER #2 UPGRADE			475,000		
24	FOCUSED FACILITY GRIT REMOVAL			350,000	350,000	200,000
25	DIGESTER AND MIXING IMPROVEMENT			1,200,000	1,800,000	
26	INC DUCT WORK EXPANS AND DEMO OF OLD AUX BOILER APC SYSTEM			200,000		
27	ARC-FLASH			150,000		
28	STRUCTURAL REHABILITATION OF PROCESS TANKS			1,000,000	1,000,000	1,000,000
29	SECONDARY SYSTEM CONTROL VALVE/MAGMETER REPLACEMENT			2,000,000	2,000,000	2,000,000
30	REPLACE RAS LINES/VALVES ONE EACH SIDE			850,000	850,000	
31	ODOR CONTROL IN RECEIVING STATION			200,000		
32	FERROUS CHLORIDE AND HYPO TANK REPLACEMENT			300,000		
33	CHEMICAL HANDLING, DEWATERING, & POLY REHABILITATION			350,000		
34	COMBINED HEAT AND POWER				9,000,000	9,000,000
35	GAS COMPRESSORS				1,000,000	
36	DIGAS FLEET VEHICLES AND FILLING STATION					5,000,000
37	SECONDARY CLARIFIER WEIR REFURBISHMENT					200,000
38	AERATION/FC SCUM EJECTOR REHABILITATION					150,000
39	MEGA-STRUCTURE AND TUNNELS FLOOR REPAIR					550,000
40	SWW #4 PUMP AND MOTOR INSTALLATION					2,000,000
41	EXTENSION OF NEW FINAL EFFLUENT LINE					350,000
42	CENTRIFUGE #4 INSTALLATION					2,500,000
43	SEWER CLEANING, INSPECTION, AND ANALYSIS - PREVENTATIVE			1,500,000		
44	SEWER CLEANING, INSPECTION, AND ANALYSIS - CORRECTIVE			3,000,000		
45	SEWER REPAIR AND REHABILITATION			3,250,000		

**BUFFALO SEWER AUTHORITY
FIVE YEAR CAPITAL PLAN
2019-2020 TO 2023-2024**

ITEM	PROJECT TITLE:	BUDGET 2019-20	2020-21	2021-22	2022-23	2023-24
46	NO-DIG SEWER REHABILITATIONS	1,000,000			1,500,000	
47	ENGINEERING TERM CONTRACTS		1,000,000			1,000,000
48	GI TARGET 500 ACRES DESIGN & CONSTRUCTION		8,500,000	6,500,000		
49	MIDDLE MAIN STREET DETAILED DESIGN & CONSTRUCTION	150,000	3,000,000			
50	NIAGARA PHASE 4B CONSTRUCTION	1,700,000				
51	BUDC GI PROJECT CONSTRUCTION	200,000				
52	PRIVATE PROPERTY GI GRANT PROGRAM	500,000	1,000,000	1,500,000	2,000,000	2,500,000
53	MILL RACE RTC CONSTRUCTION	3,250,000				
54	SMITH STREET AT EAGLE RTC CONSTRUCTION	2,500,000				
55	BROADWAY AT OAK RTC CONSTRUCTION	2,500,000				
56	BABCOCK PUMP STATION RTC CONSTRUCTION	500,000				
57	NORTH DISTRICT RTC		3,850,000	-	132,000	2,054,000
58	SCAJAQUADA DISTRICT RTC		2,025,000	2,034,000	2,213,000	2,703,000
59	SOUTH CENTRAL DISTRICT RTC		1,895,000	-	121,000	1,895,000
60	NORTH RELIEF INTERCEPTOR	3,400,000		48,600,000		
61	INTELLIGENT CONNECTION SENSOR SYSTEM	2,000,000				
62	CSO 013 STORAGE PROJECT	500,000		4,000,000		
63	BIRD ISLAND FACILITY ROAD REHABILITATION PROJECT	150,000	2,000,000			
64	SEWER SYSTEM REHABILITATIONS		2,000,000	2,000,000	2,000,000	
		27,450,000	42,520,000	95,259,000	32,366,000	56,102,000
		253,697,000				

**BUFFALO SEWER AUTHORITY
DEBT SERVICE SCHEDULE
2019 - 2020 BUDGET**

BOND YEAR ENDING JUNE 30	PRINCIPAL	INTEREST	TOTAL DEBT SERVICE
2020	\$ 1,770,000	\$ 1,670,332	3,440,332
2021	\$ 1,810,000	\$ 1,597,148	3,407,148
2022	\$ 1,865,000	\$ 1,520,338	3,385,338
2023	\$ 1,915,000	\$ 1,439,324	3,354,324
2024	\$ 1,960,000	\$ 1,354,903	3,314,903
2025	\$ 2,015,000	\$ 1,267,328	3,282,328
2026	\$ 2,070,000	\$ 1,175,765	3,245,765
2027	\$ 2,135,000	\$ 1,080,361	3,215,361
2028	\$ 2,185,000	\$ 981,121	3,166,121
2029	\$ 2,255,000	\$ 878,840	3,133,840
2030	\$ 2,320,000	\$ 772,543	3,092,543
2031	\$ 2,380,000	\$ 662,491	3,042,491
2032	\$ 4,456,564	\$ 549,178	5,005,742
2033	\$ 1,344,143	\$ 333,389	1,677,532
2034	\$ 1,213,126	\$ 256,843	1,469,969
2035	\$ 665,000	\$ 215,523	880,523
2036	\$ 1,381,881	\$ 168,218	1,550,099
2037	\$ 290,000	\$ 129,915	419,915
2038	\$ 295,000	\$ 117,727	412,727
2039	\$ 295,000	\$ 104,930	399,930
2040	\$ 305,000	\$ 92,933	397,933
2041	\$ 310,000	\$ 79,841	389,841
2042	\$ 315,000	\$ 66,534	381,534
2043	\$ 315,000	\$ 53,012	368,012
2044	\$ 920,000	\$ 39,491	959,491
Total	<u>36,785,714</u>	<u>16,608,026</u>	<u>53,393,740</u>

