

**THE JOINT MEETING OF
ESSEX AND UNION COUNTIES
2019 BUDGET**

**AS PRESENTED
BY
THE JOINT MEETING
FINANCE & BUDGET COMMITTEE**

**BOARD CHAIRPERSON
HON. VICTOR DE LUCA**

**FINANCE & BUDGET COMMITTEE CHAIRPERSON
HON. JOSEPH M. FLORIO**

**COMMITTEE MEMBERS
HON. JACQUELYN E. JOHNSON
HON. STEPHEN BOWMAN
HON. JERRY GUARINO**

Adopted: November 8, 2018

ITEM #1- VEHICLES

2019 BUDGET		\$119,000					
2018 BUDGET		\$126,000					
2018 ANNUAL ESTIMATE		\$193,373					
This item encompasses vehicles purchased, gasoline, oils and supplies/repairs performed by the auto mechanic.							
It is anticipated that replacement vehicles will be necessary as follows:							
Replacement vehicles:							
Replace 2 Maint Dept vans			\$24,000				
Replace 2 fleet vehicles			\$50,000				
			\$74,000				
The estimated cost for typical gasoline, oils and repairs is :							
					\$45,000		
	Vehicles	gas & oils	Rep/etc.				
Sewers	\$0	\$9,000	\$2,250	\$11,250			
Treatmt Plt	\$74,000	\$18,000	\$9,000	\$101,000			
DWF	\$0	\$4,500	\$2,250	\$6,750			
BUDGET	\$74,000	\$31,500	\$13,500	\$119,000			

ITEM #2- EQUIPMENT RENTAL

2019 BUDGET		\$300,000				
2018 BUDGET		\$300,000	Historical	expenses		
2018 ANNUAL ESTIMATE		\$434,211	2001	\$259,898		
			2002	\$235,293		
			2003	\$232,326		
			2004	\$372,107		
			2005	\$216,818		
			2006	\$150,703		
			2007	\$457,418		
			2008	\$156,253		
			2009	\$330,451		
			2010	\$25,512		
			2011	\$520,395		
			2012	\$158,044		
			2013	\$307,357		
			2014	\$119,776		
			2015	\$186,675		
			2016	\$437,029		
			2017	\$313,699		
<p>Work completed by utilizing Equipment rental has been:</p> <ol style="list-style-type: none"> 1) Off loading of equipment delivered to site (cranes & forklifts) 2) Cleaning of scum pits, scum and grit lines, centrate system at DWF 3) Storm sewer manhole maintenance 4) Trunk sewer maintenance 5) rental of 30 cubic yard containers <p>Equipment rental expenses are variable depending upon the needs due to equipment deliveries and the rate of "struvite" buildup in the centrate lines. For 2019 equipment rental was competitively bid.</p> <p>In addition, for 2019 bids were received for emergency excavation services. The excavation services were used in 2018 for sewer excavations related to repairs, bypass pumping during sewer repairs and for on site excavations. The contract is awarded to the bidder(s) who offered services for the lowest cumulative rates.</p>						
Equipment rental as bid	\$90,000	**				
additional excavating services	\$50,000					
BUDGET	\$100,000	**				
30 yd containers	\$20,000					
Debris removal Millburn Crossing	\$15,000					
TOTAL	\$25,000					
BUDGET	\$300,000		Sewers	TP	DWF	
			\$180,000	\$90,000	\$30,000	

ITEM # 3-INSURANCE

2019 BUDGET		\$ 860,130			
2018 BUDGET		\$ 824,398			
2018 ANNUAL ESTIMATE		\$835,374			
COST DISTRIBUTION 2018 - 2019					
	Sewers	Plant	Dewat	Drying	Total
Boiler		-	-	-	
Property		109,256	21,851	14,567	\$ 145,674
Gen Liability	879	43,946	8,789	4,980	\$ 58,594
Auto	199	9,926	1,985	1,125	\$ 13,235
LTD					
Inland Marine	-		-		-
Equip					\$24,347
Flood	-	16,200	3,800	-	\$20,000
Wk comp	6,629	331,433	66,287	37,562	\$ 441,911
Pollution	-	13,405	13,405		\$26,810
Umbrella	762	38,113	7,623	4,319	\$ 50,817
Public Officials	256	12,804	2,561	1,451	\$ 17,072
Crime	300	1,800	450	450	3,000
Terrorism	800	4,800	1,200	1,200	8,000
Fees & Surcharges	146	7,283	1,457	825	9,711
Total	9,970	588,966	129,407	66,481	\$ 819,171
	2019 estimate				Total Est. 2019
Months	4		8		
Boiler		INCL		-	
Property*	48,558		97,116	145,674	\$ 152,958
Gen Liability*	19,531		39,063	58,594	\$ 61,524
Auto*	4,411.67		8,823	13,235	\$ 13,897
LTD		INCL		-	\$ -
Inland Marine*	-		-	-	\$ -
Equip	8,116		16,231	24,347	\$ 25,564
Flood*	6,667		13,333	20,000	\$ 21,000
Wk Comp	147,304		294,607	441,911	\$ 464,007
Pollution*	8,937		17,873	26,810	\$ 28,151
BUDGET	16,939		33,878	50,817	\$ 53,358
Public Officials*	5,691		11,381	17,072	\$ 17,926
Crime*	1,000		2,000	3,000	\$ 3,150
Terrorism	2,667		5,333	8,000	\$ 8,400
Fees & Surcharges	3,237		6,474	9,711	\$ 10,197
					860,130
	Sewers	Plant	Dewat	Drying	Total
	3.00%	75.00%	15.0%	7.00%	100.00%
	25,803.89	\$ 645,097.16	129,019.43	60,209.07	860,130

ITEM #4- WATER SERVICE

2019 BUDGET		\$139,500							
2018 BUDGET		\$139,500							
2018 ANNUAL ESTIMATE		\$123,980							
HISTORICAL SUMMARY				\$RATE/ CU FT	TP USAGE	DWF USAGE	SDF*	Effective Rate Change	
	COST	CU FT CONSUMED							
1997	\$105,346	5,955,413	\$0.0177	64.73%	35.27%				
1998	\$129,335	7,096,534	\$0.0182	64.84%	35.16%			3.03%	
1999	\$168,631	7,764,332	\$0.0217	66.03%	33.97%			19.17%	
2000	\$173,323	7,519,362	\$0.0231	67.19%	32.81%			6.13%	
2001	\$187,266	8,516,441	\$0.0220	75.45%	24.55%			(4.61%)	
2002	\$193,902	7,449,304	\$0.0260	71.49%	27.78%	0.73%		18.38%	
2003	\$193,961	7,094,573	\$0.0273	72.08%	27.92%			5.03%	
2004	\$182,883	6,901,143	\$0.0265	73.04%	26.96%			(3.07%)	
2005	\$197,270	7,667,609	\$0.0257	74.90%	25.10%			(2.92%)	
2006	\$204,683	7,173,277	\$0.0285	73.70%	26.30%			10.91%	
2007	\$216,304	6,902,363	\$0.0313	75.98%	24.02%			9.83%	
2008	\$205,861	6,114,583	\$0.0337	73.08%	26.92%			7.43%	
2009	\$233,081	6,170,587	\$0.0378	69.06%	30.94%			12.19%	
2010	\$263,638	6,510,611	\$0.0405	74.33%	25.67%			7.20%	
2011	\$245,614	6,129,945	\$0.0401	74.87%	25.13%			(1.05%)	
2012	\$203,011	4,731,658	\$0.0429	70.59%	29.41%			7.08%	
2013	\$112,330	2,486,642	\$0.0452	68.42%	31.58%			4.41%	Avg last 3 years
2014	\$89,325	2,154,294	\$0.0415	72.94%	27.06%			3.48%	Avg last 3 years
2015	\$111,140	1,957,238	\$0.0568	57.64%	42.36%			4.99%	Avg last 3 years
2016	\$79,084	2,392,577	\$0.0331	85.72%	14.28%			4.29%	Avg last 3 years
2017	\$136,820	1,886,160	\$0.0725	66.60%	33.40%			4.25%	Avg last 3 years
2019 BUDGET	TRT PLT	DWF	DRYER	TOTAL CU FT	RATE				
	1,600,000	900,000	0	2,500,000	\$0.0345				
	\$55,155	\$31,025	\$0	\$86,180					
		Water Facility Charge		SAY					
TP	\$55,155	\$25,000	\$80,155	\$80,000					
DWF	\$31,025	\$25,000	\$56,025	\$56,000					
SDF	\$0	\$3,500	\$3,500	\$3,500					
				\$139,500					
BUDGET	\$139,500								

ITEM #5- ELECTRIC SERVICE

2019 BUDGET		\$1,000,000								
2018 BUDGET		\$1,200,000								
2018 ANNUAL ESTIMATE		\$764,650								
HISTORY				AVG. SUPPLY PER MONTH			DEMAND PER MONTH			
YEAR	Utility AVG USAGE/MO	AVG EXPENSE/MO incl Trans	AVG COST/KWH	TOTAL DEMAND	UTILITY Co	Cogen	TRTMNT PLT	DWF	SDF	
1986	963,200	\$65,536	0.068	1,471,666	963,200	496,053	engine #3 on line 7/1986			
1987	836,000	\$52,566	0.063	1,627,593	836,000	793,832				
1988	1,052,800	\$66,225	0.063	1,828,824	1,052,800	776,870				
1989	981,600	\$64,100	0.065	1,812,867	981,600	830,766				
1990	1,025,600	\$68,602	0.067	1,900,207	1,025,600	877,333				
1991	1,185,600	\$81,779	0.069	2,015,572	1,185,600	820,000				
1992	1,249,600	\$85,061	0.068	2,113,636	1,249,600	851,947	1,907,982	205,654		
1993	1,332,000	\$95,149	0.071	2,234,215	1,332,000	899,787	2,050,339	183,876		
1994	1,363,200	\$98,402	0.072	2,224,419	1,363,200	858,880	2,025,589	198,830		*
1995	1,228,800	\$95,449	0.078	2,135,677	1,228,800	906,933	1,953,481	182,196		**
1996	1,268,500	\$100,537	0.079	2,200,455	1,268,500	931,973	1,949,908	170,610	79,937	
1997	1,321,400	\$100,176	0.076	2,157,561	1,321,400	836,208	1,915,579	174,895	67,086	***
1998	1,527,084	\$118,269	0.077	2,153,284	1,527,084	626,200	1,945,309	193,569	14,406	
1999	1,460,299	\$112,948	0.077	2,131,241	1,460,299	670,942	1,932,958	182,376	15,907	****
2000	1,563,500	\$116,784	0.075	2,220,255	1,563,500	656,755	1,970,012	214,695	35,548	*****
2001	1,626,104	\$113,958	0.070	2,272,450	1,626,104	646,347	1,957,860	209,287	105,303	
2002	1,777,485	\$111,892	0.063	2,411,038	1,777,485	633,553	2,041,833	225,513	143,692	
2003	1,787,033	\$117,992	0.066	2,406,951	1,787,033	619,752	2,199,044	129,382	78,525	
2004	1,799,507	\$139,019	0.077	2,448,734	1,799,507	649,227	2,172,586	237,788	38,360	*****
2005	1,620,537	\$134,083	0.083	2,231,994	1,620,537	611,457	1,980,412	224,250	27,332	
2006	1,643,477	\$141,620	0.086	2,189,237	1,643,477	545,760	1,947,616	226,518	15,103	
2007	1,518,967	\$161,248	0.106	2,149,407	1,518,967	629,800	1,903,856	217,268	28,283	
2008	1,535,620	\$174,426	0.114	2,194,342	1,535,620	670,347	1,928,041	241,613	24,688	
2009	1,394,245	\$154,097	0.111	2,137,539	1,394,245	743,294	1,883,676	240,711	13,153	<<<
2010	770,366	\$90,843	0.118	2,160,227	770,366	1,389,860	1,945,189	213,318	1,720	
2011	717,614	\$79,215	0.110	2,118,215	717,614	1,400,601	1,889,251	214,913	14,051	
2012	616,000	\$62,390	0.101	2,056,597	616,000	1,440,597	1,819,340	219,600	17,657	
2013	496,400	\$51,237	0.103	2,005,464	496,400	1,509,064	1,782,213	208,072	15,179	*1
2014	546,109	\$70,016	0.128	2,016,608	546,109	1,470,499	1,823,314	177,233	16,061	
2015	454,981	\$65,080	0.143	2,010,090	454,981	1,555,109	1,784,268	215,354	10,468	*2
2016	868,327	\$70,597	0.081	2,338,356	868,327	1,470,029	2,107,011	224,643	6,703	*2
2017	797,049	\$54,767	0.069	2,402,816	797,049	1,605,767	2,217,593	177,577	7,646	*2
BUDGET	728,224	\$55,636	0.076	2,155,142	728,224	1,426,918	2,002,188	124,675	28,279	
estimated savings from Cogen for 2018 MONTHLY					\$109,015	*	DIGESTER #2 OUT OF SERVICE	***** DIGESTER #3 OUT OF SERVICE		
ANNUALLY					\$1,308,183.43	**	DIGESTER #2 RETURNED 5/95	<<< New Cogen Sept 15, 2009		
						***	DIGESTER #1 OUT OF SERVICE 10/97			
						****	DIGESTER #1 RETURNED 1/5/99			
						*****	DIGESTER #4 CONVERSION			
						*1	DIGESTER #2 OUT OF SERVICE			
						*2	DIGESTER #1 OUT OF SERVICE			

			ITEM #5- ELECTRIC SERVICE							
Expected electrical kw demand for 2019										
Year	Trt Plt KW Avg/mon	DWF KW Avg/mon	Dryer KW Avg/mon							
1997	1,915,579	174,895	67,086							
1998	1,945,309	193,569	14,406							
1999	1,932,958	182,376	15,907							
2000	1,970,012	214,695	35,548							
2001	1,957,860	209,287	105,303							
2002	2,041,833	225,513	143,692							
2003	2,199,044	129,382	78,525							
2004	2,172,586	237,788	38,360							
2005	1,980,412	224,250	27,332							
2006	1,947,616	226,518	15,103							
2007	1,903,856	217,268	28,283							
2008	1,928,041	241,613	24,688							
2009	1,883,676	240,711	13,153							
2010	1,945,189	213,318	1,720							
2011	1,889,251	214,913	14,051							
2012	1,819,340	219,600	17,657							
2013	1,782,213	208,072	15,179							
2014	1,823,314	177,233	16,061							
2015	1,784,268	215,354	10,468							
2016	2,107,011	224,643	6,703							
2017	2,217,593	177,577	7,646							
EST 2018	2,002,188	124,675	28,279							
Avg 16, 17, 18	2,108,931	175,631	14,209							
Avg 16, 17	2,162,302	201,110	7,174							
Avg 17, 18	2,109,891	151,126	17,962							
Expected 2019	2,127,041	175,956	15,179							
say	2,200,000	200,000	15,000							
Total Demand per Month>					2,415,000					
FY 2019	28,980,000 KWH									
Generator production			Monthly Avg							
1999	670,942	2005	611,457	2011	1,400,601	2017	1,605,767			
2000	656,755	2006	545,760	2012	1,440,597	2018	1,426,918	est		
2001	646,347	2007	629,800	2013	1,509,114					
2002	633,553	2008	670,347	2014	1,432,084					
2003	619,752	2009	743,294	2015	1,555,109					
2004	649,227	2010	1,389,860	2016	1,470,029					
		for 2019	1,400,000							
PSE&G= total demand - (Cogen production minus production loss)										
	28,980,000	16,800,000	1,000,000	>>>>>>>>	13,180,000					
13,180,000	say:	13,180,000	@	0.095	\$/Kwh					
cost		\$1,252,100								
add area lighting & partial lab:		\$20,000								
Add PSE&G Dist Chgs:		\$0	(inc in supply rate	92.9%	5.8%	1.3%	100.0%			
Sales Taxes										
EST	\$1,272,100		Sewers	TP	DWF	SDF				
BUDGET	\$1,000,000		\$0	\$929,028	\$57,850	\$13,122	\$0			
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ITEM #6-GAS SERVICE

2019 BUDGET		\$595,700	This item includes gas utilized at: 1) Treatment plant laboratory 2) Gas heating in select areas 3) Supplemental fuel for Cogen 4) Fuel for boiler & hot water in DWF 5) Boiler #1 in P&O Bldg.				As shown below, gas usage is variable and, like fuel oil, is temperature dependent. The usage of fuel oil vs. natural gas is economically driven based on rates and the availability of methane gas for power generation and heating.	
2018 BUDGET		\$508,200						
2018 ANNUAL ESTIMATE		\$800,000						
HISTORY								
YEAR	\$	Avg.RATE/CU FT	TPLT	COGEN	DWF	SDF	TOTAL CU FT	
2000	\$135,568	0.0068	1,351,100	2,021,700	8,589,800	7,847,000	19,809,600	
2001	\$262,055	0.0085	153,800	149,282	1,326,700	29,309,000	30,938,782	
2002	\$381,409	0.0051	8,800	5,500	3,022,800	71,960,000	74,997,100	
2003	\$201,102	0.0095	4,000	5,200	10,665,900	10,472,000	21,147,100	
2004	\$22,188	0.0245	3,000	0	901,200	0	904,200	
2005	\$22,382	0.0236	1,200	0	948,400	0	949,600	
2006	\$87,811	0.0129	1,000	5,596,700	76,700	1,127,300	6,801,700	
2007	\$97,769	0.0060	1,000	8,686,400	7,698,900	0	16,386,300	
2008	\$300,388	0.0157	335,500	8,160,000	10,620,800	0	19,116,300	
2009	\$236,916	0.0093	0	23,578,000	1,955,700	0	25,533,700	
2010	\$401,855	0.0092	0	36,740,000	7,067,000	0	43,807,000	
2011	\$448,757	0.0098	0	32,339,000	13,428,600	0	45,767,600	
2012	\$402,109	0.0076	0	41,726,000	11,119,500	0	52,845,500	
2013	\$753,165	0.0080	0	79,300,000	14,631,000	0	93,931,000	
2014	\$557,755	0.0074	0	62,550,000	12,416,000	3300	74,969,300	
2015	\$576,920	0.0078	1000	62,550,000	10,968,000	0	73,519,000	
2016	\$492,916	0.0055	1000	75,487,000	14,027,500	0	89,515,500	
2017	\$604,201	0.0054	1000	99,016,000	12,566,700	0	111,583,700	
Year	BTUs required	Fuel oil BTUs	Natural gas BTUs	Drier Nat Gas BTU	Cost per 1000 BTU			
2000	53,908,194,600	32,328,174,600	12,560,730,000	9,019,290,000	\$0.007596			
2001	57,378,399,900	24,892,678,800	1,711,271,100	30,774,450,000	\$0.007001			
2002	106,454,056,200	27,707,101,200	3,188,955,000	75,558,000,000	\$0.004920			
2003	49,537,996,800	27,333,541,800	11,208,855,000	10,995,600,000	\$0.007775			
2004	30,892,464,000	29,943,054,000	949,410,000	0	\$0.009020			
2005	27,004,038,000	26,006,958,000	997,080,000	0	\$0.009076			
2006	26,027,224,800	18,885,439,800	5,958,120,000	1,183,665,000	\$0.012116			
2007	27,285,841,000	19,199,844,000	8,085,997,000	0	\$0.016309			
2008	39,973,573,800	19,901,458,800	20,072,115,000	0	\$0.015594			
2009	55,648,908,600	28,837,591,200	26,811,317,400	0	\$0.010208			
2010	72,827,385,600	26,829,300,600	45,998,085,000	0	\$0.011200			
BUDGET	57,130,757,400	9,074,777,400	48,055,980,000	0	\$0.013175			
2012	58,313,857,800	2,826,082,800	55,487,775,000	0	\$0.010692			
2013	69,907,425,800	1,328,005,800	68,579,420,000	0	\$0.009584			
2014	93,485,467,200	14,771,167,200	78,714,300,000	0	\$0.005980			
2015	86,718,123,900	8,421,723,900	78,296,400,000	0	\$0.004151			
2016	100,121,746,800	4,327,146,000	93,991,275,000	0	\$0.005299			
2017	123,293,356,800	218,988,000	117,162,885,000	0	\$0.005013			
	NG cu ft	RATE	EXTENSION	Service Chg	SAY			
P&O/Treatment Plt./Lab	0		\$0	\$132	\$200			
Cogen	80,000,000	\$0.0059	\$468,000	\$27,500	\$495,500			
DWF	14,000,000	\$0.0059	\$81,900	\$17,000	\$98,900			
Dryer	0		\$0	\$0	\$0			
	94,000,000		\$549,900	\$44,632	\$594,532			
					\$595,700			

ITEM #7- FUEL OIL AND KEROSENE

2019 BUDGET	\$81,500					
2018 BUDGET	\$81,500					
2018 ANNUAL ESTIMATE	\$0					
				gallons	expended	\$/gal
		1996	318,322	\$249,928	\$0.79	
		1997	292,776	\$221,731	\$0.76	
		1998	228,866	\$112,438	\$0.49	
		1999	220,967	\$131,773	\$0.60	
		2000	227,343	\$273,917	\$1.20	
		2001	175,054	\$139,657	\$0.80	
		2002	194,846	\$142,307	\$0.73	
		2003	192,219	\$184,043	\$0.96	
		2004	210,570	\$256,462	\$1.22	
		2005	182,890	\$284,898	\$1.56	
		2006	132,809	\$227,525	\$1.71	
		2007	135,020	\$253,873	\$1.88	
		2008	139,954	\$403,500	\$2.88	
		2009	202,796	\$331,166	\$1.63	
		2010	188,673	\$302,475	\$1.60	
		2011	138,675	\$303,926	\$2.19	
		2012	19,874	\$81,584	\$4.11	
		2013	9,339	\$36,361	\$3.89	
		2014	103,876	\$344,058	\$3.31	
		2015	39,632	\$77,942	\$1.97	
		2016	30,430	\$37,617	\$1.24	
		2017	11,540	\$13,826	\$1.20	

Fuel oil is used at the treatment plant boilerhouse for heating the digesters and plant buildings and at the DWF boilers as a "back-up source" of fuel for the boilers which are fired using natural gas as the primary fuel source.

The decision to use fuel oil or natural gas any at time is driven by evaluating and comparing costs for fuel oil versus natural gas. In past heating seasons, gas was the more economical at times.

Transportation : **\$0.0724 per gallon** per 1 year contract FY 2019

Price is allowed to fluctuate during the term of the Contract dependent upon posted price of New York Harbor Tank Car Reseller. Transportation rate remains constant during the life of the contract.

Estimated need for 2019		@	\$2.00	PER GAL		
				Fuel oil	Kerosene	BUDGET
Treatment Plant	30,000		\$60,000	\$60,000	\$1,000	\$61,000
DWF	10,000		\$20,000	\$20,000	\$500	\$20,500
SDF	0		\$0	\$0	\$0	\$0
	40,000	gallons	\$80,000			\$81,500
		kerosene	\$1,500			
		TOTAL	\$81,500			
		BUDGET	\$81,500			

ITEM #9- METER REPAIRS

2019 BUDGET	\$317,000						
2018 BUDGET	\$317,000						
2018 ANNUAL ESTIMATE	\$317,000						
<p>This item involves the costs associated with the ADS sewer metering system. The costs involved for 2018 have included: Replacement and Maintenance services of the metering system including inspection, calibration and repairs as well as the relocation of meters to observe flow patterns in the trunk sewer.</p> <p>For 2019 the budget includes maintenance agreements to maintain the 32 flow meter sites and repairs outside the scope of the maintenance agreement.</p>							
		SEWERS					
METERS	\$317,000						

ITEM #11- CHEMICALS

2019 BUDGET		\$3,471,488	This item is comprised of:					
2018 BUDGET		\$2,932,488		1) Chlorine (Trt Plt)		7) Potassium Permanganate (Trt Plt & DWF)		
2018 ANNUAL ESTIMATE		\$2,800,000		2) Polymer (Trt Plt & DWF)		8) Insect Repellant (Trt Plt & DWF)		
				3) Struvite Treatment		9) Deodorizer (DWF)		
				4) Lime (DWF)		10) Pest Control (Trt Plt & DWF)		
				5) Sodium Bisulfite		11) Boiler Water Treatment (SDF)		
				6) Herbicide (Trt Plt)		12) Carbon Dioxide Inerting System (SDF)		
BUDGET						13) Digester Additive		
Sodium Hypochlorite	(Treatment Plant) chlorination of wastewater effluent prior to discharge							
	Contract for 2019 use \$0.80/gal							
		Gal						
Gals Hypo	2005	689,423	\$503,279	0.73				
	2006	739,033	\$539,494	0.73				
	2007	797,488	\$693,815	0.87				
	2008	978,000	\$850,860	0.87				
	2009	810,000	\$838,350	1.035				
	2010	796,500	\$549,107	0.6894				
	2011	950,000	\$641,250	0.675				
	2012	1,076,811	\$624,973	0.755				
	2013	1,671,771	\$927,992	0.715				
	2014	1,727,000	\$1,117,208	\$0.65				
	2015	1,277,563	\$855,967	\$0.67				
	2016	1,250,000	\$837,500	\$0.67				
	2017	1,345,767	\$901,664	\$0.67				
	EST 2018	1,573,000	\$1,006,720	\$0.64				
BUDGET 2019:		1,820,000	\$1,456,000	\$0.80				
Polymer	<p>Used at A) Treatment Plant in liquid form at Thickener gravity Belts B) DWF in dry form and dissolved on site as part of the dewatering process in the centrifuges</p> <p>Contract to supply liquid polymer for year 2019(EST) use \$0.12/lb. For 2019: 150,000 #/mo X 12 mo X \$0.12/# = \$216,000</p> <p style="text-align: right;">SAY \$216,000</p> <p>Contract for Dry polymer for 2019: EST use @ \$ 1.75/# For 2019 : 30,000#/mo X 12 mo X \$ 1.75/# = \$579,600</p> <p style="text-align: right;">SAY \$630,000</p>							
POLYMER								
BUDGET		\$216,000						
DWF		\$630,000						
BUDGET 2019		\$846,000		2018	\$750,000			
Struvite Treatment								
DWF 2019		\$40,000		2018	\$40,000			Used to retard the deposition of struvite in the centrate system.
Potassium Permanganate								
	est	cost/lb						
		\$2.25						
PERMANGANATE				lbs	EST			
Trt. Plt		\$33,750		15,000	\$33,750			
DWF		\$0						
BUDGET 2019		\$33,750		0	\$0	2017	\$31,800	

ITEM #11- CHEMICALS

Lime	Required at DWF for pH adjustment and control and stabilization. LIME USE HAS BEEN SUSPENDED AS A RESULT OF AN ALTERNATE DISPOSAL METHOD				
BUDGET 2019	\$0		2018 Budget	\$0	
SODIUM BISULFITE	Required by the NJPDES permit for the removal of residual chlorine in the treatment plant effluent. EST \$1.13/gal x 750 gal/day x 365 = \$309,338				
BUDGET 2019	\$309,338		2018 Budget	\$309,000	
MISCELLANEOUS CHEMICALS					
WEED KILLER		SEWERS	Trt. Pit.	DWF	DRYER
BUG REPELLENT			\$1,700	\$300	\$300
DEODORANT			\$500	\$300	\$100
PEST CONTROL				\$800	
SODA ASH (Cogen)			\$3,500	\$1,500	\$1,000
Carbon (SAG Media)			\$83,000		
Iron Sponge Media Cogen			\$15,000		
OTHER CHEMICALS		\$9,000	\$140,000		
MISC CHEM		\$9,000	\$3,000	\$1,000	\$400
BUDGET 2019	\$261,400	\$9,000	\$246,700	\$3,900	\$1,800
Boiler Water Treatment	\$10,000		2018 Budget	\$5,000	
BUDGET 2019	\$0		2018 Budget	\$0	
Carbon Dioxide System	\$0		2018 Budget	\$0	
BUDGET 2019					
Digester Treatment					
Budget 2019	\$480,000		2018 Budget	\$480,000	
Water Filter Chemicals	\$35,000		2018 Budget	\$35,000	
Budget 2019					
BUDGET 2019 Summary	SEWERS	TREATMENT PLANT	DEWATER	DRYING	TOTAL
SODIUM HYPOCHLORITE		\$1,456,000			\$1,456,000
POLYMER		\$216,000	\$630,000		\$846,000
STRUVITE TRTMNT		0	\$40,000		\$40,000
PERMANGANATE		\$33,750	\$0		\$33,750
LIME		0	\$0		\$0
SODIUM BISULFITE		\$309,338			\$309,338
MISC. CHEM.	\$9,000	\$246,700	\$3,900	\$1,800	\$261,400
BOILER TRT		5000		\$5,000	\$10,000
CO2 SYSTEM				\$0	\$0
Digester Treatment		\$480,000			\$480,000
Water Filter Chemical		\$35,000			\$35,000
TOTAL	\$9,000	\$2,781,788	\$673,900	\$6,800	\$3,471,488

ITEM #13-SALARIES & WAGES

2019 BUDGET		\$3,482,289		
2018 BUDGET		\$3,482,289		
Covers non-union employees who do not qualify for overtime				
		2018	2019	Budget
Plant/Dewatering				
30 employees		\$2,835,152	\$2,835,152	\$2,835,152
Pretreatment/ Sewers				
7 employees		\$660,080	\$660,080	\$660,080
Total 37		\$3,495,232	\$3,495,232	\$3,495,232
Sewer and pretreatment costs split Estimated annual cost is _____				
For 2018				
10% Supv	Sewers	\$231,161	\$231,161	Paluch/Kofman
	Pretreatment	\$415,976	\$415,976	
	Total	\$647,137	\$647,137	
Summary				
Plant/Dewat.				
		2,835,152	2,835,152	
Sewers				
		231,161	231,161	
Pretreat.				
		415,976	415,976	
Total 2018		\$3,482,289	\$3,482,289	
BUDGET				
				%
Sewers		243,760	243,760	7%
Dewatering				
50% of Plant/Dewat.		1,288,447	1,288,447	37%
Plant		1,950,082	1,950,082	56%
100% of pretreat. Plus 50% of Plant/Dewat.				
Total		\$3,482,289	\$3,482,289	
		2019 BUDGET	\$3,482,289	

ITEM #14- TECH-PROFESSIONAL SVC

2019 BUDGET		\$1,487,500				
2018 BUDGET		\$1,353,300				
2018 ANNUAL ESTIMATE		\$1,300,000				
Historically Budgeted	Expended	Budgeted				
1999	\$650,000	\$494,115	2018	\$1,353,300	\$1,500,000	EST
2000	\$630,000	\$312,473				
2001	\$569,500	\$294,459				
2003	\$501,500	\$521,489				
2004	\$501,500	\$522,929				
2005	\$501,500	\$289,741				
2006	\$520,000	\$280,682				
2007	\$520,000	\$227,230				
2008	\$520,000	\$486,798				
2009	\$520,000	\$291,686				
2010	\$522,500	\$334,314				
2011	\$342,500	\$643,972				
2012	\$677,500	\$656,747				
2013	\$677,500	\$1,269,382				
2014	\$737,500	\$1,108,416				
2015	\$877,500	\$1,113,474				
2016	\$877,500	\$1,534,908				
2017	\$953,000	\$2,131,072				
<p>In 2019 the above services will be required, however, JM's participation in the studies (nutrient, metals and PCB/Dioxin trackdown) with the NJ Harbor Dischargers Group must be provided for, along with the following anticipated projects:</p>						
\$565,000	General Consulting Services (Specifications, Operations, Financial, NJPDES renewal					
\$500,000	FEMA Flood Mitigation Project JM Engineering Portion					
\$250,000	NJPDES Permit issues CSOs					
\$12,000	NJHDG - PCB, Toxics track downs, SWEM, metals					
\$22,000	Auditing Services					
\$25,000	Sewers					
\$15,000	Electrical Consulting					
\$3,000	Medical Exams					
\$10,000	Bioassays					
\$25,500	Lab Testing					
\$10,000	Public Relations & Education					
BUDGET						
\$20,000	Technical support Instrumentation/controls					
\$10,000	Technical support Air Emissions					
\$1,487,500	TOTAL					
			Sewers	TP	DWF	SDF
for 2019 Budget use	\$1,487,500	\$25,000	\$1,412,500	\$50,000	\$0	

ITEM #15-LABOR

2019 BUDGET			\$6,985,370		
2018 BUDGET			\$6,985,370		
				2018	2019
Dewatering					
14 employees				\$1,042,783	\$1,042,783
Pretreatment					
4 employees (Jantas/Heminghouse/Surman/Kofman)				\$318,825	\$318,825
Breakdown of sewer hours					
150 hours divided by 4160 hrs. (2 staff)				2018	2019
		Sewer 5%		\$15,914	\$15,914
		Pretreatment 95%		\$302,374	\$302,374
		Total		\$318,288	\$318,288
Main Plant					
83 employees			80*	\$5,305,020	\$5,305,020
Dryer					
2 employees				\$136,949	\$136,949
Summary					
Dewat				\$1,042,783	\$1,042,783
Sewers				\$15,914	\$15,914
Plant				\$5,382,415	\$5,382,415
Dryer				\$136,943	\$136,943
Total				\$6,578,055	\$6,578,055
On Call Pay		For mechanics, electricians & site services workers. To cover Saturdays, Sundays & holidays; contractual.			
Union contract equalized on call pay for electricians and site services workers so it is comparable to that of mechanics.					
				2019	\$82,000
BUDGET					
Overtime	Estimate at 6%			2019	2019 OT
Dewat				1,042,783	\$62,567
Sewers				15,914	\$955
Plant				5,382,415	\$322,945
Dryer				136,943	\$8,217
				6,578,055	\$394,683
Summary 2019					
	Plant	Dewat	Sewers	Dryer	Total
Reg	5,305,020	1,042,783	15,914	136,943	6,500,660
O.T.	322,945	62,567	\$955	8,217	394,683
On Call	82,000	8027	0	0	90,027
Total	5,709,965	1,113,377	16,869	145,160	6,985,370
Budget	5,709,965	1,113,377	16,869	145,160	6,985,370
Total for 2019					\$6,985,370

ITEM #16- PRINTING & STATIONERY

2019 BUDGET		\$24,000						
2018 BUDGET		\$24,000						
2018 ANNUAL ESTIMATE		\$7,000						
This item consists of printing of monthly minutes, binding of annual minutes (including preparation of index), stationery, operation/personnel/maintenance/lab forms, copying blueprints, etc. Requests for quotes for printing and binding minutes were sent out.								
Historical	2000	\$27,782						
	2001	\$14,708						
	2002	\$13,897						
	2003	\$19,272						
	2004	\$11,805						
	2005	\$14,712						
	2006	\$21,962						
	2007	\$15,753						
	2008	\$28,074						
	2009	\$13,213						
	2010	\$39,034						
	2011	\$18,935						
	2012	\$34,698						
	2013	\$20,005						
	2014	\$3,716						
	2015	\$6,199						
	2016	\$4,330						
	2017	\$2,145						
		Sewers	TP	DWF	SDF			
BUDGET		\$1,000	\$21,000	\$2,000	\$0	\$24,000		
BUDGET								

ITEM #18- GENERAL MAINTENANCE

2019 BUDGET		\$2,440,000			
2018 BUDGET		\$2,428,000			
2018 ANNUAL ESTIMATE		\$2,759,053			
<p>This item includes items necessary for the general maintenance of the entire facility (Treatment Plant, DWF, SDF) such as repair parts, hardware, supplies (janitorial, lab, electrical, boiler service, powerhouse service, etc. The expense history reflects as an indication, the age of the facilities.</p>					
HISTORICAL					
	Expended	Budgeted		Expended	Budgeted
2000	\$969,295	\$928,000	2015	\$2,146,985	\$1,718,000
2001	\$1,148,269	\$930,000	2016	\$2,725,626	\$1,918,000
2002	\$957,918	\$1,097,000	2017	\$2,318,000	\$2,753,315
2003	\$1,004,829	\$1,050,500	est 2018	\$2,428,000	\$2,759,053
2004	\$896,915	\$1,000,000			
2005	\$1,037,000	\$1,170,068			
2006	\$1,136,000	\$1,071,326			
2007	\$1,264,014	\$1,125,100			
2008	\$1,087,100	\$1,282,241			
2009	\$1,192,044	\$1,232,600			
2010	\$1,390,600	\$1,511,850			
2011	\$1,495,645	\$1,320,000			
2012	\$1,872,156	\$1,446,500			
2013	\$1,421,500	\$2,708,336			
2014	\$1,466,500	\$2,333,100			
Projects anticipated for 2019					
Replace Boiler					\$32,000
Gravity Belt Press Parts					\$65,000
Shafts & Sprockets					\$12,000
Centrifugal Pump Parts					\$5,000
Torque Limiters					\$14,000
TB Power Rails					\$20,000
Replace Grit Troughs					\$42,000
Pump Rebuilds					\$30,000
BUDGET					\$60,000
Skimmer Pumps parts					\$8,000
polymer system parts					\$8,000
Cogen Overhauls					\$400,000
Pug Mill parts					\$40,000
Collector Flights, chains					\$35,000
Positive Displacement Pump Parts					\$260,000
IDI Canon Lance Controls					\$15,000
Prog. Cav. Pump repairs					\$25,000
Bisulfite System repairs					\$12,000
Compressors Rebuild					\$60,000
Replace Traveling Bridge Skimmer Arms					\$260,000
Cogen Engine Heads					\$92,000
Engine PM Parts					\$70,000
				TOTAL	\$1,533,000
		TP	DWF	SDF	
Routine Maint & Repair		\$610,000	\$260,000	\$5,000	\$875,000
Major Projects		\$875,000	\$690,000	\$0	\$1,565,000
		\$1,485,000	\$950,000	\$5,000	\$2,440,000

ITEM #19-RESERVE CONTINGENCY

2019 BUDGET		\$243,000			
2018 BUDGET		\$180,000			
2018 ANNUAL ESTIMATE		\$0			
1. Potentail retirees for 2018					
Retirees are eligible for one-third of their unused sick time					
plus all of their unused vacation time.					
There is a cap on sick time.					
		Sick	Vacation	Total	
8 potential retirees		120,000	78,000	198,000	
age & yrs of service					
			Budget	\$198,000	
2. Contractual incentives for union employees					
Annual cash incentives for possession of various licenses, certifications					
such as S licenses, C licenses, etc.					
Estimate for year				45,000	
Summary					
Plant				243,000	
Dewat				0	
Sewer				0	
Dryer				0	
Total				\$243,000	
BUDGET				\$243,000	

ITEM #20- BUILDING MAINTENANCE

2019 BUDGET		\$120,000				
2018 BUDGET		\$120,000				
2018 ANNUAL ESTIMATE		\$117,421				
<p>This item cover those items associated with repairs to buildings and grounds facilities such as windows, locks, doors, roof inspections & repairs, elevators and plant roads. Also anticipated are repairs to concrete walkways and painting of gallery piping.</p>						
HISTORY						
	1996	\$58,872		2017	70000	
	1997	\$80,000		2018	120000	
	1998	\$121,036				
	1999	\$39,141				
	2000	\$28,732				
	2001	\$29,204				
	2002	\$61,735				
	2003	\$36,489				
	2004	\$80,651				
	2005	\$101,968				
	2006	\$133,589				
	2007	\$98,618				
	2008	\$78,711				
	2009	\$46,804				
	2010	\$93,979				
	2011	\$28,374				
	2012	\$39,902				
	2013	\$120,054				
	2014	\$80,016				
	2015	\$81,888				
	2016	\$87,208				
		Sewers	TP	DWF	SDF	
BUDGET		\$0	\$70,000	\$50,000	\$0	\$120,000

ITEM #21-PENSION

2019 BUDGET	\$1,319,098					
2018 BUDGET	\$1,244,432					
All employees are members of the State of New Jersey Public Employees Retirement System (PERS).						
Since 1998, the State of New Jersey PERS has not assessed employers for the employer's portion of pension costs. Assessments were begun again in 2005.						
Assessment History						
2005	\$41,862					
2006	\$124,767					
2007	\$214,071					
2008	\$420,830					
2009	\$567,823					
2010	\$677,635					
2011	\$863,809					
2012	\$905,000					
2013	\$868,801					
2014	\$932,981					
2015	\$1,016,335					
2016	\$1,172,934					
2017	\$1,174,116					
2018 est	\$1,244,432					
2019 Budget	\$1,319,098					
		Plant	Dewat	Sewer	Dryer	Total
Total						
Salaries						0
		76%	20%	2%	2%	100%
2019 BUDGET	1,002,514	263,820	26,382	26,382	26,382	1,319,098
BUDGET						

ITEM #22-SOCIAL SECURITY

2019 BUDGET		\$825,450					
2018 BUDGET		\$778,951					
2018 ANNUAL ESTIMATE		\$747,617					
The rate of 7.65% appears to be unchanged for 2019							
Budget #		Sewers	Plant	Dewat	Dryer	Total	
13	Salaries	231,161	1,950,082	1,288,447		3,469,690	
15	Labor	16,869	5,709,965	1,113,377	145,160	6,985,370	
19	Contingencies	0	243,000	0	0	243,000	
27	Board	0	92,134	0	0	92,134	
Total		248,030	7,995,181	2,401,824	145,160	10,790,194	
	7.65%	18,974	611,631	183,740	11,105	825,450	
	Budget						
2019 BUDGET						\$825,450	

ITEM #23 HOSPITAL PLAN

2019 BUDGET	\$3,980,398					
2018 BUDGET	\$3,472,786					
2018 ANNUAL ESTIMATE	\$3,742,344					
Hospitalization and major medical group health insurance for all employees						
Also covered under this category is the employee assistance program.						
Increase of Approx 3% for active employees						
			2018	2019		
<u>Retiree health insurance premiums</u>						
	Non Medicare		\$474,621	\$512,591	8% Increase	
	Medicare		\$386,869	\$417,818	8% Increase	
			\$861,490	\$930,409		
<u>Hospitalization/Major medical</u>						
			2018	2019		
Salaried employees			\$715,513	\$772,754	8% Increase	
30						
Pretreatment employees			\$199,593	\$215,560		
7						
Plant employees			\$1,531,512	\$1,654,033		
88						
Dryer employees			\$67,339	\$72,726		
2						
Dewatering employees			\$306,959	\$331,515		
11						
			\$2,820,916	\$3,046,589		
138						
			\$2,820,916	\$3,046,589		
<u>Employee Assistance Plan</u> 2 year contract thru 2019						
St. Barnabas Behavioral Health E.A.P.						
BUDGET						
			Annual Cost			
	2018		3,400			
	2019		3,400			
	E.A.P. budget		3,400			
Summary of Group Health and Employee Assistance Plans						
		Sewers	Plant	Dewat	Dryer	Total
Hosp. Plan			2,642,347	331,515	72,726	3,046,589
Employee Asst.Plan			3,400			3,400
Retiree Health			930,409			930,409
Total			3,576,157	331,515	72,726	3,980,398
BUDGET						
						\$3,980,398

ITEM #26-UNEMPLOYMENT & DISAB

2019 BUDGET	\$50,000					
2018 BUDGET	\$50,000					
2018 ANNUAL ESTIMATE	\$17,254					
Employer factor is .25% of 1st \$33,500 for 2019						
2019 limit is set by law at	\$33,500.00					
		Plant	Dewat	Sewers	Dryer	Total
# of employees	118	16	2	2		138
	\$9,617	\$1,304	\$163	\$163		\$11,247
Disability Budgeted	\$8,400	\$1,200	\$200	\$200		\$10,000
Unemployment liability	\$34,400	\$4,800	\$400	\$400		\$40,000
BUDGET	\$42,800	\$6,000	\$600	\$600		\$50,000

ITEM #27-EXECUTIVE COMMITTEE

2019 BUDGET	\$93,977				
2018 BUDGET	\$93,977				
2018 ANNUAL ESTIMATE	\$93,977				
For 2012, board voted not to increase their rate.					
For 2013, board voted not to increase their rate.					
For 2014, board voted not to increase their rate.					
For 2015, board voted to increase their rate by 2%.					
For 2016, board voted to increase their rate by 2%.					
For 2017, board voted to increase their rate by 2%					
For 2018, board voted to increase their rate by 2%					
Member's annual amount is \$6842					
Chairperson's annual amount is \$13,707.					
		2017	2018	2019	
			2%		
Chairperson	\$13,707	\$13,982	\$13,982		
Members (10)	\$68,426	\$69,795	\$69,795		
Board Counsel Berkeley	\$10,000	\$10,200	\$10,200		
Total	\$92,134	\$93,977	\$93,977		
100 % charged to plant.					
BUDGET		\$93,977			
BUDGET					

ITEM #28- COUNSEL FEES

2019 BUDGET	\$300,000					
2018 BUDGET	\$300,000					
2018 ANNUAL ESTIMATE	\$202,000					
Counsel fees included in this item: General Counsel and Labor & Conflicts . This item includes expenses for General, Litigation , Procurement Documents, Air Permits and Labor, NJPDES Permit, Admin. Law Appeal .						
			BUDGET		EXPENDED	
		1996	\$240,000		\$422,805	
		1997	\$350,000		\$1,057,460	
		1998	\$765,000		\$907,927	
		1999	\$595,000		\$731,348	
		2000	\$420,000		\$439,667	
		2001	\$370,000		\$297,952	
		2002	\$325,000		\$377,828	
		2003	\$325,000		\$329,955	
		2004	\$325,000		\$386,000	
		2005	\$355,000		\$193,584	
		2006	\$300,000		\$230,792	
		2007	\$300,000		\$127,937	
		2008	\$300,000		\$202,793	
		2009	\$300,000		\$110,497	
		2010	\$300,000		\$188,819	
		2011	\$200,000		\$213,374	
		2012	\$300,000		\$2,999,941	**Occidental
		2013	\$2,700,000		\$1,205,575	**Occidental
		2014	\$2,200,000		\$270,677	
		2015	\$300,000		\$205,482	
		2016	\$300,000		\$344,945	
		2017	\$300,000		\$261,008	
		Sewers		\$10,000		
		Treatment Plant		\$260,000		
		DWF		\$20,000		
BUDGET		SDF		\$10,000		
		Total for Budget		\$300,000		

ITEM #29-OFFICERS

2019 BUDGET	\$0						
2018 BUDGET	\$0						
2018 ANNUAL ESTIMATE	\$0						
THIS ITEM IS NOW INCLUDED IN ITEM #27-EXECUTIVE COMMITTEE							
BUDGET							

ITEM #31-UNION WELFARE BENEFIT FUND

2019 BUDGET	\$0					
2018 BUDGET	\$0					NO LONGER PAYING UNION
2018 ANNUAL ESTIMATE	\$0					Employees now included in Group Plan program
Union contract provides for dental, vision and prescription benefits						
Joint Meeting pays the cost of the premiums.						
Distribution						
		Sewers	Plant	Dewat	Dryer	Total
# of employees		1	79	14	0	94
					0	
2018 Budget					\$0	0
TOTAL BUDGET						\$0

ITEM #33-PERMIT FEES

2019 BUDGET	\$736,700					
2018 BUDGET	\$778,200					
2018 ANNUAL ESTIMATE	\$550,000					
<p>This item is for NJPDES permits including the wastewater treatment facility and drying facility permits issued by the NJDEP as well as other operating permits issued by NJDEP, USEPA and USNRC. The Treatment Plant NJPDES fee is normally based on wastewater characteristics (flow, BOD, TSS) as measured prior to discharge to the Arthur Kill. The permit fee system supports the NJDEP Budget. As of the 2000 Budget this item incorporates the Miscellaneous Permit Fees (previously Item #34).</p>						
Historical NJPDES Permit Fee						
	1996	\$490,300		2009		\$410,936
	1997	\$228,173		2010		\$500,000
	1998	\$230,760		2011		\$401,000
	1999	\$229,517		2012		\$341,877
	2000	\$270,966		2013		\$464,557
	2001	\$237,595		2014		\$506,692
	2002	\$250,085		2015		\$479,878
	2003	\$316,646		2016		\$565,109
	2004	\$248,074		2017		\$568,700
	2005	\$211,648				
	2006	\$284,630				
	2007	\$305,997				
	2008	\$354,503				
This item includes permits, fees, etc. to be paid to Regulatory Agencies for the following:						
NJDEP-NJPDES PERMIT: TREATMENT PLANT						
						\$650,000
	Plant Storm Sewer Permit					\$1,500
	Underground Storage Tank (TP & DWF)					\$3,000
	Laboratory Certification Fees (TP)					\$2,500
	NJDEP Physical Connection Permit (TP & DWF)					\$1,000
BUDGET	Air Permit Applications-Modifications					\$5,000
	Nuclear Level Sensors(DWF & SDF)					\$2,500
	Hazardous Waste Disposal permit fees					\$3,000
	NJPDES Combined Sewer					\$18,200
	Air Emissions Fee					\$57,000
	Miscellaneous (TP & DWF) TCPA, TWA, DPCC					\$20,000
				Total		\$763,700
						say
Budget		Sewers			\$19,700	\$19,700
		Treatment Plant			\$741,500	\$700,000
		Sludge Dewatering			\$17,000	\$17,000
		Sludge Drying			\$0	\$0
		TOTAL			\$778,200	\$736,700
		Budget			\$736,700	

JOINT MEETING OF ESSEX UNION COUNTIES Facility Summary Breakout

		COLLECTION SYSTEM	TREATMENT PLANT	SLUDGE DEWATERING FACILITY	SLUDGE DRYING FACILITY	TOTAL ALL FACILITIES
		2019 BUDGET	2019 BUDGET	2019 BUDGET	2019 BUDGET	2019 BUDGET
1	VEHICLES	\$11,250	\$101,000	\$6,750		\$119,000
2	EQUIP RENTAL	\$180,000	\$90,000	\$30,000		\$300,000
3	INSURANCE	25,804	\$ 645,097	129,019	60,209	\$860,130
4	WATER		\$80,000	\$56,000	\$3,500	\$139,500
5	ELECTRIC		\$929,028	\$57,850	\$13,122	\$1,000,000
6	GAS		\$495,700	\$100,000	\$0	\$595,700
7	FUEL OIL		\$61,000	\$20,500		\$81,500
8	SEWER REPAIR	\$60,000				\$60,000
9	METER REPAIRS	\$317,000				\$317,000
10	EQUIP		\$501,000	\$399,500		\$900,500
11	CHEMICALS	\$9,000	\$2,781,788	\$673,900	\$6,800	\$3,471,488
12	SLUDGE DISP			\$3,912,300		\$3,912,300
13	SALARIES & WAGES	\$243,760	\$1,950,082	\$1,288,447		\$3,482,289
14	TECHNICAL PROF. SERV.	\$25,000	\$1,412,500	\$50,000	\$0	\$1,487,500
15	LABOR	\$16,869	\$5,709,965	\$1,113,377	\$145,160	\$6,985,370
16	PRINTING	\$1,000	\$21,000	\$2,000		\$24,000
17	MISC EXPENSES	\$120,000	\$375,727	\$87,500	\$0	\$583,227
18	GEN PLANT MAINT		\$1,485,000	\$950,000	\$5,000	\$2,440,000
19	RESERVE CONTINGENCY		\$243,000			\$243,000
20	BUILDING MAINT		\$70,000	\$50,000		\$120,000
21	PENSION	\$26,382	\$1,002,514	\$263,820	\$26,382	\$1,319,098
22	SOCIAL SECURITY	\$18,974	\$611,631	\$183,740	\$11,105	\$825,450
23	HOSPITAL PLAN	\$0	\$3,576,157	\$331,515	\$72,726	\$3,980,398
24	UNIFORMS	\$5,300	\$214,650	\$45,050		\$265,000
25	SCREENINGS		\$232,000			\$232,000
26	UNEMPLOYMENT	\$600	\$42,800	\$6,000	\$600	\$50,000
27	EXECUTIVE COMMITTEE		\$93,977			\$93,977
28	COUNSEL FEES	\$10,000	\$260,000	\$20,000	\$10,000	\$300,000
29	OFFICERS					\$0
30	ADMIN GROUP PLAN	\$16,383	\$380,054	\$29,125		\$425,562
31	UNION WELFARE FUND	\$0	\$0	\$0	\$0	\$0
32	CAPITAL FUND		\$1,600,000			\$1,600,000
33	NJPDES PERMIT FEE	\$19,700	\$700,000	\$17,000	\$0	\$736,700
34	MISC PERMITS-FEES					\$0
35	NJED AUTHORITY LOAN				\$0	\$0
BUDGET						
	TOTAL	\$1,107,022	\$25,665,670	\$9,823,393	\$354,603	\$36,950,688