



LEADERS IN WASTEWATER  
MANAGEMENT

# GREATER LAWRENCE SANITARY DISTRICT

## FISCAL YEAR 2023

## OPERATING BUDGET

*Adopted by the District Commission on April 27, 2022*



# **GREATER LAWRENCE SANITARY DISTRICT**

## **FY 2023 Operating Budget**

### **Introduction**

---

#### **Overview**

The Greater Lawrence Sanitary District was established by Chapter 750 of the Massachusetts Acts of 1968 as amended (the 'Acts'), for the purpose of building, maintaining, and operating a system of sewage collection and disposal for the City of Lawrence, the towns of Methuen, Andover, and North Andover and for the Town of Salem, New Hampshire. The District facilities have been operational since April 1977.

A Commission consisting of eight members (four from the City of Lawrence, two from the City of Methuen, one each from the towns of Andover and North Andover), and a ninth non-voting member from Salem, New Hampshire oversee the District. The Executive Director who is appointed by the District Commission implements decisions made by the Commission. The District employs approximately 40 persons of whom about 34 are represented by employee unions.

The treatment facilities provide the District with the capability of processing up to 52 million gallons of wastewater per day utilizing primary and secondary treatment processes. Major process components included in the treatment system are primary sedimentation, biological oxidation, secondary clarification, and treated effluent chlorination. Waste sludge solids generated during treatment are processed using sludge thickening, anaerobic digestion, and centrifuge dewatering. The dewatered sludge – or "biosolids" - is then further processed in a heat drying and pelletization facility for subsequent beneficial reuse offsite.

The addition of on-site power generation commenced during November 2019. This process includes the acceptance of food waste into the District's processing facilities to create biogas to run the CHP engines and produce electricity.

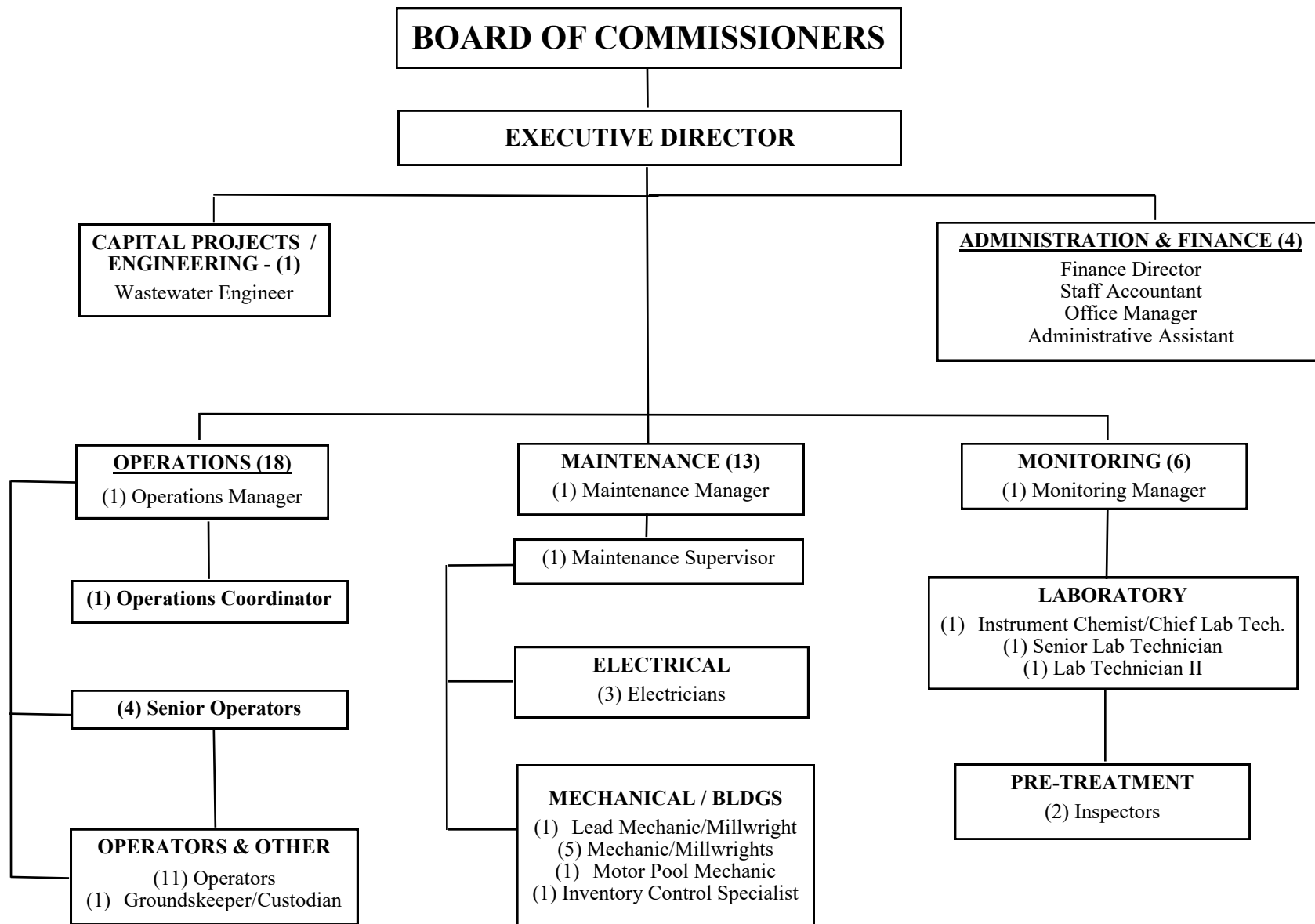
#### **Budget Process**

The District's fiscal year commences July 1 and ends June 30. Each year the department heads of the District submit estimated expenditures for the next fiscal year to the Executive Director and Finance Director. The Executive Director, in turn, prepares a draft form of the budget which includes the proposed expenditures, as well as estimated non-assessment income amounts, and uncommitted funds from the previous fiscal year to the Commission members. Total operations and maintenance expenditures, including biosolids costs, less income, reimbursements, and unexpended funds equals the amount that will be assessed upon the member municipalities of the District to offset maintenance and operating costs. Operations and maintenance costs are assessed based on the flow received from each community in the previous calendar year. A fixed percentage is applied to debt service and capital costs.

The District has entered into an inter-municipal agreement to accept wastewater from a portion of the Town of Dracut, MA ("Dracut"). The agreement allows for the District to assess Dracut for general fund costs based upon their percentage of flow from the previous calendar year. Among its provisions, the agreement between the GLSD and Dracut provides that Dracut shall pay 1.25% of GLSD's capital project and all new debt service costs. However, the agreement also states that, for an initial five-year term, the 1.25% allocation shall not apply to costs associated with projects that are repair/refurbishment projects. That term has now elapsed, and Dracut contributes towards the District's entire budgeted capital project costs.

After the draft budget is complete it is presented for approval by the Executive Director at a meeting of the District Board of Commissioners. For the budget to become final, it must be approved by a majority of the District Commissioners. The budget is adopted on a basis consistent with generally accepted accounting principles except that year-end encumbrance are recognized as expenditures in the year encumbered. During the fiscal year the Director is authorized to transfer funds between line items within a department. Transfers between departments and funds must be approved by a vote of the Commission.

# GREATER LAWRENCE SANITARY DISTRICT FISCAL YEAR 2023 OPERATING BUDGET ORGANIZATIONAL CHART



# GREATER LAWRENCE SANITARY DISTRICT

FISCAL YEAR 2023

Operating Budget

ASSESSMENTS

	FY 2021 Prior Year Actuals	FY 2022 Prior Year Budget	FY 2023 Department Requests	FY 2023 Recommended Budget	% Change
<b>Expenses</b>					
General Fund	\$11,505,943	\$15,335,051	\$16,644,632	<b>\$16,537,493</b>	7.841%
New Sewer Connection Calculation (New Growth)				<b>\$ 107,139</b>	
				\$16,644,632	
Capital Projects	<b>\$ 629,898</b>	<b>\$ 1,520,000</b>	\$ 1,638,753	\$ 1,463,753	-3.700%
Debt Service	<u>\$ 1,996,413</u>	<u>\$ 4,129,192</u>	<u>\$ 4,265,474</u>	<u>\$ 4,265,474</u>	3.300%
<b>Total Operating Budget</b>	<b>14,132,254</b>	<b>20,984,243</b>	<b>22,548,859</b>	<b>22,373,859</b>	
Prior Year Levy Limit		\$ 18,080,615	New Levy Limit	\$ 18,532,631	<div>Recommended Budget Must be &lt; or = 2.50%</div>
Proposition 2 1/2 Increase		<u>\$ 452,015</u>	New Growth	<u>\$ 107,139</u>	
New Levy Limit		\$ 18,532,631		\$ 18,639,770	
					2.50%
<b>Offsetting Income</b>					
<b>General Fund</b>					
Estimated Receipts and Available Funds	(\$2,705,658)	(\$2,226,000)	(\$2,423,000)	(\$2,423,000)	<div>Increase With New Growth</div>
<b>Capital Improvement Program (CIP)</b>					
Estimated Receipts (All Communities)	(\$34,258)	(\$30,000)	(\$20,000)	(\$20,000)	3.0926%
<b>Debt Service Fund</b>					
Est. Receipts and Available Funds (All Communities)	<u>(\$1,181,504)</u>	<u>(\$647,627)</u>	<u>(\$1,291,089)</u>	<u>(\$1,291,089)</u>	
	<b>(\$3,921,421)</b>	<b>(\$2,903,627)</b>	<b>(\$3,734,089)</b>	<b>(\$3,734,089)</b>	
<b>Total/Net Community Assessment</b>		<b>\$ 18,080,616</b>	<b>\$ 18,814,770</b>	<b>\$ 18,639,770</b>	
		FY 2022 Prior Year Budget	FY 2023 Department Requests	FY 2023 Recommended Budget	% Change
Net General Fund		\$ 13,109,051	\$14,221,632	14,221,632	8.487%
Capital Projects (ALL)		\$ 1,490,000	\$ 1,618,753	\$ 1,443,753	-3.104%
Net Debt Service (5 Communities)		<b>\$ 571,207</b>	\$ 574,056	\$ 574,056	0.499%
Net Debt Service (5 Communities PLUS Dracut)		<b>\$ 2,910,358</b>	<b>\$ 2,400,329</b>	<b>\$ 2,400,329</b>	-17.525%
		\$ 3,481,564	\$ 2,974,385	\$ 2,974,385	-14.568%
<b>Total All Funds</b>		<b>\$ 18,080,615</b>	<b>\$ 18,814,770</b>	<b>\$ 18,639,770</b>	3.093%

**NEW SEWER CONNECTION CALCULATION** **\$ 107,139**

Community Assessment Ratios FY 2023 5 Member Communities - Plus Dracut				Community Assessment Ratios FY 2023 5 Member Communities		
	General Fund Flow Based	Capital Projects Statute Based	Debt Service Statute Based		Capital Projects Statute Based	Debt Service Statute Based
Lawrence	33.85558633%	52.54%	52.54%	Lawrence	53.20%	53.20%
Methuen	23.45334413%	21.63%	21.63%	Methuen	21.90%	21.90%
Andover	16.37968110%	7.01%	7.01%	Andover	7.10%	7.10%
North Andover	15.54419867%	6.91%	6.91%	North Andover	7.00%	7.00%
Salem, NH	10.34015532%	10.67%	10.67%	Salem, NH	10.80%	10.80%
*Dracut	0.42703444%	1.25%	1.25%	Dracut	0%	0%
Total	100.00%	100.00%	100.00%	Total	100.00%	100.00%

## Community Assessments:

	Prior Year Budgeted All Funds	FISCAL YEAR 2023			FY 2023 Total All Funds	Change in Assessments from Prior Yr	Percent Change FY22 to FY23	Percent of Budget
		General Fund	Capital Projects	Debt Service				
Lawrence	\$7,015,334	\$4,814,817.02	\$758,475.63	\$1,566,410.64	\$7,139,703	\$124,369	1.773%	38.30%
Methuen	\$4,266,442	\$3,335,448.38	\$312,229.63	\$644,819.42	\$4,292,497	\$26,055	0.611%	23.03%
Andover	\$2,417,991	\$2,329,458.03	\$101,225.13	\$209,051.04	\$2,639,734	\$221,743	9.171%	14.16%
No. Andover	\$2,323,068	\$2,210,638.79	\$99,799.42	\$206,106.66	\$2,516,545	\$193,477	8.328%	13.50%
Salem	\$1,943,665	\$1,470,538.88	\$153,976.26	\$317,993.14	\$1,942,508	(\$1,157)	-0.060%	10.42%
Dracut	\$114,115	\$60,731.27	\$18,046.91	\$30,004.12	\$108,782	(\$5,333)	-4.673%	0.58%
Total	<b>\$18,080,616</b>	<b>\$14,221,632</b>	<b>\$1,443,753</b>	<b>\$2,974,385</b>	<b>\$18,639,770</b>	<b>\$559,155</b>	<b>3.09%</b>	<b>100%</b>

**\*NOTE:** Dracut's real debt service percentage for FY22 is **1.00875%** Dracut pays 1.25% of eligible debt service costs per the contract between the GLSD and Dracut. Dracut pays 1.25% of 58.57% of MA Clean Water Trust Loan CWSRF CW0041.  
The percentage for debt service will not be exactly 1.25% until the loan is fully discharged after the final payment in FY2026.  
May be off due to rounding of flow percentages. Numbers do not include credits to the communities from prior year surpluses.

## Community Assessments - General Fund Allocation Using Weighted Assessment Formula

RAW DATA:

Five Previous Years - ACTUAL Readings (Weighted 50% of the Average)								
Cal. Year	Actual Flow Data	Lawrence	Methuen	Andover	No. Andover	Salem	Dracut	Plant
2020	Fiscal Year 2022	2,735.76	2,301.47	1,501.08	1,402.82	974.52	42.89	8,958.54
2019	Fiscal Year 2021	3,743.30	2,459.00	1,624.22	1,517.10	1,157.53	43.43	10,544.58
2018	Fiscal Year 2020	4,188.93	2,661.66	1,848.33	1,731.85	1,275.99	44.24	11,751.00
2017	Fiscal Year 2019	3,304.31	2,209.73	1,493.72	1,548.65	1,021.81	44.44	9,622.66
2016	Fiscal Year 2018	3,393.18	1,916.46	1,123.18	1,188.80	856.94	40.70	8,519.26
5 Year Average		3,473.10	2,309.66	1,518.11	1,477.84	1,057.36	43.14	9,879.21

Most Recent Year-ACTUAL Readings (Weighted 50% of the Average)								
		Lawrence	Methuen	Andover	No Andover	Salem	Dracut	Plant
2021	Most Current Year	3,536.11	2,545.94	1,873.02	1,740.31	1,083.39	45.27	10,824.04
Percentage of Total Flow		32.6690%	23.5212%	17.3043%	16.0782%	10.0091%	0.4182%	100.00%
2020	Percentage of Flow	30.538%	25.690%	16.756%	15.659%	10.878%	0.4788%	100.00%
Year to Year Change-Actual		2.13%	-2.17%	0.55%	0.42%	-0.87%	-0.06%	0.00%
2019	Percentage of Flow	35.500%	23.320%	15.403%	14.388%	10.978%	0.4119%	100.00%
2018	Percentage of Flow	35.647%	22.651%	15.729%	14.738%	10.859%	0.3765%	100.00%
2017	Percentage of Flow	34.339%	22.964%	15.523%	16.094%	10.619%	0.4618%	100.00%
2016	Percentage of Flow	39.830%	22.496%	13.184%	13.954%	10.059%	0.4780%	100.00%

Calculated Assessment- 50% WEIGHTED Average Flow Prior 5 Calendar Years & 50% of Most Recent Flow								
CALCULATED AVERAGE		3,504.60	2,427.80	1,695.56	1,609.08	1,070.37	44.21	10,351.62
Assessment Allocations		33.86%	23.45%	16.38%	15.54%	10.34%	0.43%	100.00%

Calculated Flow Weighted Average - Using 50% Most Recent Year and 50% Average of five previous years																		
Fiscal Year	Most Recent Flow Year	Previous Five Years		Weighted Average Flow Totals Using Formula							Fiscal Year	Weighted Average Assessment Allocations Using Formula						
				Lawrence	Methuen	Andover	No. Andover	Salem	Dracut	Sum Across		Lawrence	Methuen	Andover	No. Andover	Salem	Dracut	
FY2023	2021	2016	2020	3,504.60	2,427.80	1,695.56	1,609.08	1,070.37	44.21	10,351.62	FY2023	33.86%	23.45%	16.38%	15.54%	10.34%	0.43%	
FY2022	2020	2015	2019	3,154.58	2,287.01	1,483.40	1,418.87	1,012.88	42.38	9,399.12	FY2022	33.56%	24.33%	15.78%	15.10%	10.78%	0.45%	
FY2021	2019	2014	2018	3,697.91	2,368.42	1,525.57	1,457.57	1,089.89	41.61	10,180.97	FY2021	36.32%	23.26%	14.98%	14.32%	10.71%	0.41%	
FY2020	2018	2013	2017	3,920.72	2,469.75	1,637.62	1,564.94	1,149.12	42.02	10,784.17	FY2020	36.36%	22.90%	15.19%	14.51%	10.66%	0.39%	
FY2019	2017	2012	2016	3,401.01	2,200.71	1,398.25	1,385.75	982.67	38.69	9,407.08	FY2019	36.15%	23.39%	14.86%	14.73%	10.45%	0.41%	

Community	Lawrence	Methuen	Andover	No. Andover	Salem	Dracut	Total	Community	Lawrence	Methuen	Andover	No Andover	Salem	Dracut
Current Year Flow	3,536.11	2,545.94	1,873.02	1,740.31	1,083.39	45.27	10,824.04	Actual Flow-percentage change last to this calendar year	29.26%	10.62%	24.78%	24.06%	11.17%	5.55%
Prior Year Flow	2,735.76	2,301.47	1,501.08	1,402.82	974.52	42.89	8,958.54	Actual percentage of total flow over 5 Years	33.74%	23.63%	16.14%	15.39%	10.67%	0.43%
Change in Flow (gal)	800.35	244.47	371.94	337.49	108.87	2.380	1,865.50	Weighted Average Flow-percentage change last to this calendar year	0.29%	-0.88%	0.60%	0.45%	-0.436%	-0.02%
Percentage Change	29.26%	10.62%	24.78%	24.06%	11.17%	5.55%	20.82%	Weighted Average-percentage of total flow over 5 years	35.25%	23.47%	15.44%	14.84%	10.58%	0.42%

# GREATER LAWRENCE SANITARY DISTRICT

Fiscal Year 2023 Operating Budget

Flow Data by Calendar Year

(Calculation of % for the General Fund)

Calendar Year 2021														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	251.63	209.59	223.63	275.14	296.95	266.27	487.01	304.47	330.80	353.92	280.94	255.76		3,536.11
Methuen	210.41	153.49	234.08	213.30	210.42	160.23	307.93	198.35	217.19	188.52	244.29	207.73		2,545.94
Andover	149.40	115.56	159.22	157.09	179.32	131.63	214.28	158.38	163.26	140.58	163.15	141.15		1,873.02
No. Andover	147.70	111.08	153.44	147.78	152.22	101.57	172.95	124.80	154.76	144.33	180.62	149.06		1,740.31
Salem, NH	90.73	70.56	92.57	89.47	95.09	73.75	109.71	98.40	98.88	83.25	96.83	84.15		1,083.39
Dracut	3.99	3.25	3.76	3.64	3.90	3.44	4.04	3.79	3.71	3.79	3.91	4.05	-	45.27
Total	853.86	663.53	866.70	886.42	937.90	736.89	1,295.92	888.19	968.60	914.39	969.74	841.90	0.0000	10,824.04
Calendar Year 2020														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	233.13	227.33	228.79	313.39	190.29	150.67	204.47	201.33	193.92	229.64	235.79	327.01	0.0000	2,735.76
Methuen	266.61	230.91	264.86	337.29	249.01	149.03	131.93	108.30	94.54	109.22	125.44	234.33		2,301.47
Andover	159.79	139.06	144.64	196.27	148.47	94.40	94.79	88.25	81.65	93.34	98.00	162.42		1,501.08
No. Andover	163.87	139.68	144.91	190.04	135.06	77.70	76.13	68.89	67.40	74.87	92.06	172.21		1,402.82
Salem, NH	104.58	91.02	105.51	120.87	99.04	77.31	59.55	55.97	52.70	55.48	60.88	91.61		974.52
Dracut	4.00	3.57	3.78	4.26	3.84	3.30	3.24	3.29	3.13	3.38	3.27	3.83	-	42.89
Total	931.98	831.57	892.49	1,162.12	825.71	552.41	570.11	526.03	493.34	565.93	615.44	991.41	0.0000	8,958.54
Calendar Year 2019														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	373.08	300.53	364.00	416.82	398.21	311.84	293.58	225.72	174.15	300.45	233.92	351.00	0.0000	3,743.30
Methuen	224.02	226.02	253.44	252.05	241.21	194.33	171.23	161.18	123.16	157.47	177.21	277.68		2,459.00
Andover	155.91	149.98	168.69	168.71	165.38	128.78	114.80	108.55	87.02	98.87	109.49	168.04		1,624.22
No. Andover	148.79	140.52	163.13	165.70	151.13	122.60	101.15	83.59	70.10	84.85	107.82	177.72		1,517.10
Salem, NH	111.26	100.65	122.16	112.57	108.85	94.40	95.08	82.12	62.57	69.28	87.15	111.44		1,157.53
Dracut	3.78	3.37	3.76	4.20	4.16	3.65	3.28	3.32	3.14	3.33	3.39	4.05	-	43.43
Total	1,016.84	921.07	1,075.18	1,120.05	1,068.94	855.60	779.12	664.48	520.14	714.25	718.98	1,089.93	0.0000	10,544.58
Calendar Year 2018														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	299.30	283.06	381.56	366.37	242.98	219.67	226.73	309.44	321.17	319.95	771.35	447.35	(88.8264)	4,100.10
Methuen	180.90	214.97	292.80	287.20	216.33	151.20	135.10	171.16	174.94	204.63	375.75	256.68		2,661.66
Andover	128.68	141.46	205.13	204.44	151.11	107.49	123.24	119.32	120.84	129.09	234.76	182.77		1,848.33
No. Andover	133.29	149.50	216.19	195.55	138.28	90.68	82.67	95.13	100.41	119.72	238.11	172.32		1,731.85
Salem, NH	92.09	108.52	133.98	133.88	99.60	70.68	67.34	77.65	83.64	101.55	175.08	131.98		1,275.99
Dracut	3.58	3.42	4.20	4.16	3.72	2.73	3.22	3.34	3.82	3.57	4.50	3.98	-	44.24
Total	837.84	900.93	1,233.86	1,191.6	852.02	642.45	638.3	776.04	804.82	878.51	1,799.55	1,195.08	(88.8264)	11,662.17
Calendar Year 2017														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	281.71	240.60	288.29	500.71	329.60	323.22	236.12	215.30	252.97	246.64	251.39	226.59	(88.8264)	3,304.31
Methuen	217.97	195.87	228.53	295.17	235.74	201.78	152.92	120.16	125.29	126.58	158.00	151.72		2,209.73
Andover	143.66	125.50	145.67	217.60	153.28	135.33	108.05	89.90	87.69	84.72	100.38	101.94		1,493.72
No. Andover	165.34	138.21	154.11	215.82	179.13	170.09	94.28	72.71	79.47	76.55	99.90	103.04		1,548.65
Salem, NH	94.61	86.90	102.73	134.59	105.01	90.91	71.71	63.47	61.94	61.31	74.90	73.73		1,021.81
Dracut	3.90	3.47	3.97	4.03	3.82	3.89	3.50	3.48	3.41	3.54	3.62	3.81	-	44.44
Total	907.19	790.55	923.3	1,367.92	1,006.58	925.22	666.58	565.02	610.77	599.34	688.19	660.83	(88.8264)	9,622.66
Calendar Year 2016														
	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	I/I Interceptor Adjustment	Community Annual Flow
Lawrence	279.15	338.46	371.51	357.31	308.43	282.90	219.69	234.42	226.78	294.85	227.63	252.05		3,393.18
Methuen	212.77	203.58	223.59	211.81	156.33	129.55	112.35	118.88	100.37	122.70	142.45	182.08		1,916.46
Andover	113.20	111.91	130.04	126.43	98.06	77.07	68.22	68.17	67.21	80.84	81.95	100.08		1,123.18
No. Andover	126.49	131.41	150.05	138.98	100.06	76.32	63.96	60.67	60.07	81.70	87.06	112.03		1,188.80
Salem, NH	86.26	75.86	98.03	92.93	78.40	64.73	58.79	56.58	51.18	57.99	61.48	74.71		856.94
Dracut	3.52	3.33	3.71	3.52	3.44	3.13	3.16	3.25	3.17	3.43	3.36	3.68	-	40.70
Total	821.39	864.55	976.93	930.98	744.72	633.7	526.17	541.97	508.78	641.51	603.93	724.63	0.0000	8,519.26
	Calendar Year 2017		Calendar Year 2018			Calendar Year 2019			Calendar Year 2020			Calendar Year 2021		
	12 Month Total	% of Total Flow	12 Month Total	% of Total Flow	% Change	12 Month Total	% of Total Flow	% Change	12 Month Total	% of Total Flow	% Change	12 Month Total	% of Total Flow	% Change
Lawrence	3,304.31	34.3389%	4,100.10	35.1573%	0.818%	3,743.30	35.4998%	0.342%	2,735.76	30.5380%	-4.962%	3,536.11	32.6690%	2.131%
Methuen	2,209.73	22.9638%	2,661.66	22.8230%	-0.141%	2,459.00	23.3200%	0.497%	2,301.47	25.6902%	2.370%	2,545.94	23.5212%	-2.169%
Andover	1,493.72	15.5229%	1,848.33	15.8489%	0.326%	1,624.22	15.4034%	-0.446%	1,501.08	16.7559%	1.352%	1,873.02	17.3043%	0.548%
North Andover	1,548.65	16.0938%	1,731.85	14.8501%	-1.244%	1,517.10	14.3875%	-0.463%	1,402.82	15.6590%	1.272%	1,740.31	16.0782%	0.419%
Salem, NH	1,021.81	10.6188%	1,275.99	10.9413%	0.322%	1,157.53	10.9775%	0.036%	974.52	10.8781%	-0.099%	1,083.39	10.0091%	-0.869%
Dracut	44.44	0.4618%	44.24	0.3793%	-0.082%	43.43	0.4119%	0.033%	42.89	0.4788%	0.067%	45.27	0.4182%	-0.061%
Total	9,622.66	100.00%	11,662.17	100.00%	0.0000%	10,544.58	100.00%	0.000%	8,958.54	100.00%	0.000%	10,824.04	100.00%	0.000%

Note: Beginning 9/98, a portion of the flow to Meter Station No. 3 is being bypassed to Andover's trunk sewer on certain days. The data presented here for North Andover does not include any bypassed flow

## GREATER LAWRENCE SANITARY DISTRICT COMMUNITY CREDITS

	FY 1998 Community Credit	FY 1999 Community Credit	FY 2000 Community Credit	FY 2001 Community Credit	FY 2002 Community Credit	FY 2003 Community Credit	FY 2004 Community Credit	SPECIAL FY 04 Prior YR Project CAPITAL PROJ. TURNBACK	Total
Lawrence	\$ 847,246	\$ 859,309	\$ 389,091	\$ 479,211	\$ 505,892	\$ 857,482	\$ 804,489	\$ 161,059	\$ 965,548
Methuen	\$ 376,568	\$ 351,182	\$ 179,676	\$ 193,210	\$ 251,024	\$ 446,794	\$ 408,976	\$ 66,301	\$ 475,276
Andover	\$ 221,550	\$ 185,207	\$ 93,717	\$ 101,944	\$ 148,061	\$ 259,286	\$ 225,704	\$ 21,495	\$ 247,198
North Andover	\$ 198,175	\$ 162,769	\$ 83,955	\$ 91,101	\$ 135,130	\$ 224,959	\$ 208,699	\$ 21,192	\$ 229,891
Salem, NH	\$ 144,330	\$ 138,603	\$ 71,313	\$ 91,524	\$ 105,555	\$ 179,877	\$ 165,260	\$ 32,696	\$ 197,957
<b>TOTAL</b>	<b>\$ 1,787,869</b>	<b>\$ 1,697,070</b>	<b>\$ 817,752</b>	<b>\$ 956,990</b>	<b>\$ 1,145,662</b>	<b>\$ 1,968,398</b>	<b>\$ 1,813,128</b>	<b>\$ 302,743</b>	<b>\$ 2,115,871</b>

	FY 2005 Community Credit	SPECIAL FY 05 Prior YR Project CAPITAL PROJ. TURNBACK	Total	FY 2006 Community Credit	FY 2007 Community Credit	FY 2008 Community Credit	FY 2009 Community Credit	FY 2010 Community Credit	SPECIAL FY 10 General Fund "Dracut Fee" TURNBACK	Total
Lawrence	\$ 716,859	\$ 163,430	\$ 880,290	\$ 310,114	\$ 419,846	\$ 583,774	\$ 745,552	\$ 589,654	\$ 280,664	\$ 870,317
Methuen	\$ 418,631	\$ 67,277	\$ 485,908	\$ 139,783	\$ 189,044	\$ 262,120	\$ 373,014	\$ 364,281	\$ 175,889	\$ 540,170
Andover	\$ 224,571	\$ 21,811	\$ 246,382	\$ 67,093	\$ 94,546	\$ 149,443	\$ 211,324	\$ 205,901	\$ 100,620	\$ 306,521
North Andover	\$ 208,285	\$ 21,504	\$ 229,789	\$ 59,157	\$ 87,272	\$ 136,488	\$ 181,256	\$ 195,271	\$ 95,364	\$ 290,635
Salem, NH	\$ 169,235	\$ 33,178	\$ 202,413	\$ 63,288	\$ 80,637	\$ 112,804	\$ 140,444	\$ 144,851	\$ 69,463	\$ 214,314
<b>TOTAL</b>	<b>\$ 1,737,582</b>	<b>\$ 307,200</b>	<b>\$ 2,044,782</b>	<b>\$ 639,435</b>	<b>\$ 871,344</b>	<b>\$ 1,244,629</b>	<b>\$ 1,651,589</b>	<b>\$ 1,499,957</b>	<b>\$ 722,000</b>	<b>\$ 2,221,957</b>

	FY 2011 Community Credit	FY 2011 General Fund Fund Balance TURNBACK	TOTAL	FY 2012 Community Credit	FY 2013 Annual Community Credit	FY 2013 CIP-Budgeted Community CREDIT	TOTAL	FY 2014 Annual Community Credit	FY 2014 CIP-Budgeted Community CREDIT	TOTAL
Lawrence	\$ 551,717	\$ 292,426	\$ 844,143	\$ 729,830	\$ 758,776	\$ 577,329	\$ 1,336,105	\$ 546,460	\$ 131,477	\$ 677,937
Methuen	\$ 364,794	\$ 198,857	\$ 563,651	\$ 434,337	\$ 480,793	\$ 237,660	\$ 718,453	\$ 321,008	\$ 85,293	\$ 406,301
Andover	\$ 212,864	\$ 118,392	\$ 331,256	\$ 260,259	\$ 284,960	\$ 77,049	\$ 362,009	\$ 176,599	\$ 51,187	\$ 227,786
North Andover	\$ 196,635	\$ 109,182	\$ 305,817	\$ 213,607	\$ 253,745	\$ 75,964	\$ 329,709	\$ 157,839	\$ 45,185	\$ 203,024
Salem, NH	\$ 150,208	\$ 81,143	\$ 231,351	\$ 176,493	\$ 205,157	\$ 117,202	\$ 322,359	\$ 140,616	\$ 36,322	\$ 176,938
Dracut	\$ -	\$ -	\$ -	\$ 418	\$ 3,239	\$ -	\$ 3,239	\$ 5,641	\$ 740	\$ 6,381
<b>TOTAL</b>	<b>\$ 1,476,218</b>	<b>\$ 800,000</b>	<b>\$ 2,276,218</b>	<b>\$ 1,814,944</b>	<b>\$ 1,986,670</b>	<b>\$ 1,085,204</b>	<b>\$ 3,071,874</b>	<b>\$ 1,348,163</b>	<b>\$ 350,204</b>	<b>\$ 1,698,367</b>

	2015 Community Credit	2016 Community Credit	2017 Community Credit	2018 Community Credit	2019 Community Credit	2020 Community Credit	2021 Community Credit	TOTAL CREDITS 1998 Forward
Lawrence	\$ 766,558	\$ 611,805	\$ 794,844	\$ 601,398	\$ 607,787	\$ 1,159,684	\$ 1,563,639	\$ 18,407,400
Methuen	\$ 492,092	\$ 386,337	\$ 494,602	\$ 352,368	\$ 387,316	\$ 708,692	\$ 967,089	\$ 10,175,007
Andover	\$ 293,976	\$ 228,433	\$ 283,805	\$ 201,106	\$ 242,839	\$ 449,970	\$ 603,138	\$ 5,816,850
North Andover	\$ 261,472	\$ 206,271	\$ 259,637	\$ 196,047	\$ 240,651	\$ 428,624	\$ 576,865	\$ 5,332,301
Salem, NH	\$ 205,739	\$ 160,034	\$ 217,863	\$ 155,592	\$ 173,432	\$ 326,699	\$ 447,071	\$ 4,336,631
Dracut	\$ 5,264	\$ 4,075	\$ 8,307	\$ 6,896	\$ 7,228	\$ 13,548	\$ 19,480	\$ 74,836
<b>TOTAL</b>	<b>\$ 2,025,101</b>	<b>\$ 1,596,955</b>	<b>\$ 2,059,058</b>	<b>\$ 1,513,407</b>	<b>\$ 1,659,253</b>	<b>\$ 3,087,217</b>	<b>\$ 4,177,282</b>	<b>\$ 44,143,025</b>

\*Upon close of each fiscal year the District calculates and returns to our member communities any surplus results of operations. The Community credit consists of revenues exceeding projections and expenditures under appropriation. The Community credit is traditionally returned to our member communities on the third or fourth quarter assessment invoice.

# GREATER LAWRENCE SANITARY DISTRICT

## Fiscal Year 2023 Operating Budget

### GENERAL FUND SUMMARY TABLE

*The General Fund is the operating fund for the District. Within the General Fund resources are budgeted to carry out the on-going maintenance and operations of the facility.*

	<b>FY 2021 Actual EXP &amp; ENC</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Department Request</b>	<b>FY 2023 Recommended Budget</b>
Operations and Maintenance	\$9,331,748	\$12,416,101	\$13,397,102	\$13,397,102
Biosolids Disposal	2,174,194	2,688,950	\$2,997,531	2,997,531
Contingency		230,000	\$250,000	250,000
Transfer to Other Depts			-	-
Budget, General Fund	\$ 11,505,943	\$ 15,335,051	\$ 16,644,632	\$ 16,644,632
Less Offsetting Income	<u>(2,705,658)</u>	<u>(2,226,000)</u>	<u>(2,423,000)</u>	<u>(2,423,000)</u>
Assessment, General Fund	8,800,284	13,109,051	14,221,632	14,221,632
	<b>FY 2021 Actual</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Requests</b>	<b>FY 2023 Budget</b>
<u>O &amp; M By Department</u>				
Administration	\$1,678,179	\$2,399,219	2,309,570	\$2,309,570
Monitoring	577,869	646,905	776,400	776,400
Maintenance	1,956,522	2,169,178	2,343,654	2,343,654
Operations	3,758,097	5,564,279	6,256,450	6,256,450
Fringe Benefits	<u>1,361,082</u>	<u>1,636,520</u>	<u>1,711,027</u>	<u>1,711,027</u>
Total Department Budgets	9,331,748	12,416,101	13,397,102	13,397,102
<u>Salaries (All Categories) by Department</u>				
Administration	486,372	573,794	622,616	622,616
Monitoring	469,084	482,040	511,085	511,085
Maintenance	823,166	926,208	1,066,334	1,066,334
Operations	<u>1,359,000</u>	<u>1,609,670</u>	<u>1,655,116</u>	<u>1,655,116</u>
Total Department Salaries	3,137,622	3,591,712	3,855,151	3,855,151
<u>Expenses (All Categories) by Department</u>				
Administration	1,191,807	1,825,425	1,686,954	1,686,954
Monitoring	108,785	164,865	265,315	265,315
Maintenance	1,133,356	1,242,970	1,277,320	1,277,320
Operations	2,399,096	3,954,609	4,601,334	4,601,334
Fringe Benefits	1,361,081	1,636,520	1,711,027	1,711,027
Biosolids Disposal	2,174,194	2,688,950	2,997,531	2,997,531
Contingency	<u>-</u>	<u>230,000</u>	<u>250,000</u>	<u>250,000</u>
Total Department Expenses	8,368,319	11,743,339	12,789,481	12,789,481
<u>Total Salary and Expense by Department</u>				
Administration	1,678,179	2,399,219	2,309,570	2,309,570
Monitoring	577,869	646,905	776,400	776,400
Maintenance	1,956,522	2,169,178	2,343,654	2,343,654
Operations	3,758,097	5,564,279	6,256,450	6,256,450
Fringe Benefits	<u>1,361,081</u>	<u>1,636,520</u>	<u>1,711,027</u>	<u>1,711,027</u>
	9,331,747	12,416,101	13,397,102	13,397,102
Biosolids Drying	2,174,194	2,688,950	2,997,531	2,997,531
Contingency	<u>-</u>	<u>230,000</u>	<u>250,000</u>	<u>250,000</u>
Totals	11,505,942	15,335,051	16,644,632	16,644,632



# GREATER LAWRENCE SANITARY DISTRICT

## FY 2023 Operating Budget

### Administration Dept - 0100

*To provide quality wastewater treatment services the Executive Director and Administration staff implement policies and procedures which ensure fiscal accountability, promote positive employer/employee relationships and maintain safe and efficient plant operations. In addition to providing overall direction to the plant, Administration staff are responsible for providing accounting, financial analysis, payroll, personnel and secretarial support.*

		FY 2021 Actual EXP & ENC	FY 2022 Adopted Budget	FY 2023 Department Request	FY 2023 Recommended Budget
<b><u>Account</u></b>	<b><u>SALARIES AND WAGES</u></b>				
01-0100-5110	Regular	\$ 457,972	\$ 561,319	\$ 609,091	\$ 609,091
01-0100-5130	Overtime	\$ 4,186	\$ 8,500	\$ 8,500	\$ 8,500
01-0100-5140	Longevity	\$ 3,975	\$ 3,975	\$ 5,025	\$ 5,025
01-0100-5150	Terminal Leave Buyback	\$ 20,239	\$ -	\$ -	\$ -
<b>Subtotal Salaries and Wages</b>		<b>\$ 486,372</b>	<b>\$ 573,794</b>	<b>\$ 622,616</b>	<b>\$ 622,616</b>
	<b><u>EXPENSES</u></b>				
01-0100-5261	Certifications and Licenses	\$ 215	\$ 3,000	\$ 3,000	\$ 3,000
01-0100-5262	Membership Dues-Planned	\$ 4,940	\$ 9,100	\$ 9,125	\$ 9,125
01-0100-5264	Pre-employment costs	\$ -	\$ 500	500	500
		<b>\$ 5,155</b>	<b>\$ 12,600</b>	<b>\$ 12,625</b>	<b>\$ 12,625</b>
	<b>Professional/Technical Service:</b>				
01-0100-5310	North Andover-PILOT	\$ 191,144	\$ 201,875	\$ 205,000	\$ 205,000
01-0100-5311	Commission	\$ 32,400	\$ 32,400	\$ 32,400	\$ 32,400
01-0100-5312	Secretarial	\$ 5,679	\$ 5,500	\$ 5,500	\$ 5,500
01-0100-5320	Special Counsel	\$ 98,697	\$ 350,000	\$ 100,000	\$ 100,000
01-0100-5321	General Counsel	\$ 40,200	\$ 40,200	\$ 40,200	\$ 40,200
01-0100-5322	Other Legal	\$ 34,088	\$ 60,000	\$ 70,000	\$ 70,000
01-0100-5323	Accounting/Auditing	\$ 20,625	\$ 30,000	\$ 30,000	\$ 30,000
01-0100-5326	Payroll Processing	\$ 21,603	\$ 26,000	\$ 26,000	\$ 26,000
01-0100-5329	Consulting	\$ 72,153	\$ 120,000	\$ 120,000	\$ 120,000
01-0100-5330	Fees and Permits	\$ -	\$ 600	\$ 600	\$ 600
01-0100-5399	Outside Professional Services	\$ 137,475	\$ 280,000	\$ 280,000	\$ 280,000
01-0100-5725	Banking	\$ (25)	\$ -	\$ -	\$ -
<b>Subtotal Professional/Tech Services</b>		<b>\$ 654,038</b>	<b>\$ 1,146,575</b>	<b>\$ 909,700</b>	<b>\$ 909,700</b>
	<b>Purchased Property Services:</b>				
01-0100-5430	Repair and Maintenance Services-Planned	\$ 32,986	\$ 44,000	\$ 63,700	\$ 63,700
01-0100-5431	Repair and Maintenance Services-Unplanned	\$ 330	\$ 2,000	\$ 2,000	\$ 2,000
<b>Subtotal Property Services</b>		<b>\$ 33,316</b>	<b>\$ 46,000</b>	<b>\$ 65,700</b>	<b>\$ 65,700</b>

**GREATER LAWRENCE SANITARY DISTRICT**

**FY 2023 Operating Budget**

**Administration Dept - 0100**

		<b>FY 2021 Actual EXP &amp; ENC</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Department Request</b>	<b>FY 2023 Recommended Budget</b>
<b>Other Purchased Services:</b>					
01-0100-5510	Property Insurance	\$ 365,826	\$ 436,000	\$ 460,000	\$ 460,000
01-0100-5520	Communications	\$ 29,718	\$ 35,000	\$ 36,000	\$ 36,000
01-0100-5530	Advertising	\$ 6,315	\$ 5,000	\$ 5,000	\$ 5,000
01-0100-5531	Software Licenses	\$ 31,234	\$ 57,000	\$ 96,679	\$ 96,679
01-0100-5540	Printing	\$ 1,903	\$ 6,000	\$ 6,000	\$ 6,000
01-0100-5550	Travel	\$ 147	\$ 5,000	\$ 5,000	\$ 5,000
01-0100-5560	Training	\$ 17,744	\$ 28,000	\$ 30,000	\$ 30,000
01-0100-5570	Postage- Planned	\$ 5,192	\$ 6,300	\$ 6,300	\$ 6,300
<b>Subtotal Other Purch. Services</b>		<b>\$ 458,078</b>	<b>\$ 578,300</b>	<b>\$ 644,979</b>	<b>\$ 644,979</b>
<b>Supplies:</b>					
01-0100-5614	Safety Supplies	\$ 79	\$ 500	\$ 500	\$ 500
01-0100-5615	Protective Gear	\$ 21	\$ 150	\$ 150	\$ 150
01-0100-5616	Other Supplies (Office)	\$ 22,712	\$ 25,000	\$ 25,000	\$ 25,000
01-0100-5630	Books and Periodicals	\$ 333	\$ 300	\$ 300	\$ 300
<b>Subtotal Supplies</b>		<b>\$ 23,144</b>	<b>\$ 25,950</b>	<b>\$ 25,950</b>	<b>\$ 25,950</b>
<b>Property:</b>					
01-0100-5701	Miscellaneous Expenses	\$ 444	\$ 5,000	\$ 5,000	\$ 5,000
01-0100-5843	Furniture and Fixtures	\$ 6,967	\$ 6,000	\$ 6,000	\$ 6,000
01-0100-5844	Equipment/Automation/Computers	\$ 10,665	\$ 5,000	\$ 17,000	\$ 17,000
<b>Subtotal Property</b>		<b>\$ 18,076</b>	<b>\$ 16,000</b>	<b>\$ 28,000</b>	<b>\$ 28,000</b>
<b>Subtotal Expenses (Non-Personnel Services)</b>		<b>\$ 1,191,807</b>	<b>\$ 1,825,425</b>	<b>\$ 1,686,954</b>	<b>\$ 1,686,954</b>
<b>TOTAL SALARIES AND EXPENSES</b>		<b>\$ 1,678,179</b>	<b>\$ 2,399,219</b>	<b>\$ 2,309,570</b>	<b>\$ 2,309,570</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Monitoring Dept - 0300**

*The Monitoring Department incorporates the District's laboratory and industrial pretreatment programs. The Laboratory is responsible for meeting the analytical testing needs of the GLSD. Approximately thirty percent of the total analysis are in support of process control. The remaining seventy percent are regulatory analysis for compliance with the NPDES permit and the pretreatment program. Pretreatment personnel regulate non-residential users of the District system to insure wastewater received will not cause violation of the District's permit.*

<u>Account</u>		<u>FY 2021 Actual EXP &amp; ENC</u>	<u>FY 2022 Adopted Budget</u>	<u>FY 2023 Department Request</u>	<u>FY 2023 Recommended Budget</u>
<b>SALARIES AND WAGES</b>					
01-0300-5110	Regular	\$ 437,056	\$ 447,769	\$ 470,221	\$ 470,221
01-0300-5130	Overtime	\$ 23,570	\$ 25,000	\$ 32,000	\$ 32,000
01-0300-5132	Buy Back Sick Leave	\$ 723	\$ 750	\$ 500	\$ 500
01-0300-5140	Longevity	\$ 7,736	\$ 8,521	\$ 8,364	\$ 8,364
	<b>Subtotal Salaries and Wages</b>	<b>\$ 469,084</b>	<b>\$ 482,040</b>	<b>\$ 511,085</b>	<b>\$ 511,085</b>
<b>EXPENSES</b>					
<b>Professional/Technical Services:</b>					
01-0300-5327	Analytical Services-Unplanned	\$ 481	\$ 6,400	\$ 6,000	\$ 6,000
01-0300-5333	Analytical Services - Planned	\$ 22,568	\$ 44,585	\$ 89,585	\$ 89,585
		\$ 23,050	\$ 50,985	\$ 95,585	\$ 95,585
<b>Purchased Property Services:</b>					
01-0300-5425	Chemical Disposal	\$ -	\$ 6,000	\$ 8,000	\$ 8,000
01-0300-5430	Repair and Maintenance Services -Planned	\$ 14,972	\$ 18,850	\$ 22,000	\$ 22,000
01-0300-5431	Repair and Maintenance Services -Unplanned	\$ 768	\$ 5,000	\$ 5,000	\$ 5,000
	<b>Subtotal Purchased Property Services</b>	<b>\$ 15,740</b>	<b>\$ 29,850</b>	<b>\$ 35,000</b>	<b>\$ 35,000</b>
<b>Supplies:</b>					
01-0300-5614	Safety Supplies	\$ 716	\$ 1,800	\$ 2,000	\$ 2,000
01-0300-5615	Uniforms/Protective Gear	\$ 1,703	\$ 3,430	\$ 3,430	\$ 3,430
01-0300-5616	Other Supplies	\$ 33,304	\$ 37,000	\$ 39,000	\$ 39,000
01-0300-5617	Lab Chemicals	\$ 15,962	\$ 20,000	\$ 25,000	\$ 25,000
01-0300-5619	Compressed Gas	\$ 2,500	\$ 2,500	\$ 4,000	\$ 4,000
01-0300-5630	Books and Periodicals	\$ -	\$ 300	\$ 300	\$ 300
	<b>Subtotal Supplies</b>	<b>\$ 54,185</b>	<b>\$ 65,030</b>	<b>\$ 73,730</b>	<b>\$ 73,730</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Monitoring Dept - 0300**

**Monitoring Dept - 0300**

		FY 2021	FY 2022	FY 2023	FY 2023
		Actual EXP & ENC	Adopted Budget	Department Request	Recommended Budget
<b>Property:</b>					
01-0300-5841	Machinery and Equipment:				
FY 2021	Actual Purchases	\$ 15,810			
FY 2022	Prior Year Budgeted Purchase Requests		\$ 19,000		
FY 2023	<u>Current Year Requests:</u>				
	Autoclave			\$ 24,000	\$ 24,000
	Stationary Refrigerated Sampler			\$ 20,000	\$ 20,000
	Portable Sampler pretreatment			\$ 10,000	\$ 10,000
	Refrigerator			\$ 2,000	\$ 2,000
	Portable PH meters			\$ 1,800	\$ 1,800
	Dissolved oxygen meter			\$ 1,600	\$ 1,600
	Confined Space Meter			\$ 1,600	\$ 1,600
	<b>Subtotal Property</b>	<b>\$ 15,810</b>	<b>\$ 19,000</b>	<b>\$ 61,000</b>	<b>\$ 61,000</b>
	<b>Subtotal Expenses (Non-Personnel Services)</b>	<b>\$ 108,785</b>	<b>\$ 164,865</b>	<b>\$ 265,315</b>	<b>\$ 265,315</b>
	<b>TOTAL SALARIES AND EXPENSES</b>	<b>\$ 577,869</b>	<b>\$ 646,905</b>	<b>\$ 776,400</b>	<b>\$ 776,400</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Maintenance Department - 0400**

*It is the goal of the Greater Lawrence Sanitary District's Maintenance Department to keep the equipment in excellent condition to ensure the proper operation of the plant. To accomplish this objective Maintenance provides in-house electrical, mechanical, custodial and grounds keeping services.*

<u>Account</u>	<u>FY 2021 Actual EXP &amp; ENC</u>	<u>FY 2022 Adopted Budget</u>	<u>FY 2023 Department Request</u>	<u>FY 2023 Recommended Budget</u>
<b><u>SALARIES AND WAGES</u></b>				
01-0400-5110 Regular	\$ 740,176	\$ 836,879	\$ 971,105	\$ 971,105
01-0400-5130 Overtime	\$ 79,696	\$ 85,000	\$ 90,000	\$ 90,000
01-0400-5132 Buy Back Sick Leave	\$ 1,705	\$ 1,800	\$ 2,700	\$ 2,700
01-0400-5140 Longevity	\$ 1,589	\$ 2,529	\$ 2,529	\$ 2,529
<b>Subtotal Salaries and Wages</b>	<b>\$ 823,166</b>	<b>\$ 926,208</b>	<b>\$ 1,066,334</b>	<b>\$ 1,066,334</b>
<b><u>EXPENSES</u></b>				
<b>Professional/Technical Services:</b>				
01-0400-5399 Outside Professional Services	\$ -	\$ 500	\$ 500	\$ 500
01-0400-5325 DOT Testing	\$ 200	\$ 1,250	\$ 1,250	\$ 1,250
01-0400-5330 Fees & Permits	\$ 600	\$ 1,250	\$ 1,250	\$ 1,250
	<b>\$ 800</b>	<b>\$ 3,000</b>	<b>\$ 3,000</b>	<b>\$ 3,000</b>
<b>Purchased Property Services:</b>				
01-0400-5421 Waste Disposal	\$ 7,511	\$ 12,000	\$ 12,500	\$ 12,500
01-0400-5429 Repair & Maintenance-Service Contracts	\$ 173,987	\$ 195,000	\$ 201,200	\$ 201,200
01-0400-5430 Repair and Maintenance Services-Planned	\$ 54,110	\$ 97,000	\$ 100,000	\$ 100,000
01-0400-5431 Repair and Maintenance Services-Unplanned	\$ 176,534	\$ 200,000	\$ 200,000	\$ 200,000
<b>Subtotal Purchased Property Services</b>	<b>\$ 412,142</b>	<b>\$ 504,000</b>	<b>\$ 513,700</b>	<b>\$ 513,700</b>
<b>Supplies:</b>				
01-0400-5611 Mechanical (waste water, sludge & support)	\$ 361,344	\$ 450,000	\$ 450,000	\$ 450,000
01-0400-5612 Electrical (waste water, sludge & support)	\$ 55,962	\$ 75,000	\$ 85,000	\$ 85,000
01-0400-5613 Vehicle Maintenance	\$ 15,480	\$ 25,000	\$ 25,000	\$ 25,000
01-0400-5614 Safety Supplies	\$ 923	\$ 2,500	\$ 3,500	\$ 3,500
01-0400-5615 Uniforms/Protective Gear	\$ 10,030	\$ 8,470	\$ 8,120	\$ 8,120
01-0400-5616 Other Supplies	\$ 1,126	\$ 1,000	\$ 1,000	\$ 1,000
01-0400-5622 Gasoline (GLSD Vehicles)	\$ 21,622	\$ 30,000	\$ 30,000	\$ 30,000
01-0400-5623 Bottled Gas	\$ 1,756	\$ 3,500	\$ 5,000	\$ 5,000
01-0400-5630 Books and Periodicals	\$ 108	\$ 500	\$ 500	\$ 500
<b>Subtotal Supplies</b>	<b>\$ 468,352</b>	<b>\$ 595,970</b>	<b>\$ 608,120</b>	<b>\$ 608,120</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Maintenance Department - 0400**

		<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2023</b>
		<b>Actual</b>	<b>Adopted</b>	<b>Department</b>	<b>Recommended</b>
		<b>EXP &amp; ENC</b>	<b>Budget</b>	<b>Request</b>	<b>Budget</b>
	<b>Property</b>				
01-0400-5830	Machinery & Equipment	\$ 27,932			
01-0400-5840	Mechanical (waste water, sludge, support)	\$ 122,172	\$ 80,000	\$ 85,000	\$ 85,000
01-0400-5841	Equipment	\$ 50,329			
01-0400-5850	Electrical (waste water, sludge, support)	\$ 43,219	\$ 50,000	\$ 55,000	\$ 55,000
01-0400-5855	Work Tools	\$ 8,411	\$ 10,000	\$ 12,500	\$ 12,500
	<b>Subtotal Property</b>	<b>\$ 252,062</b>	<b>\$ 140,000</b>	<b>\$ 152,500</b>	<b>\$ 152,500</b>
	<b>Subtotal Expenses (Non-Personnel Services)</b>	<b>\$ 1,133,356</b>	<b>\$ 1,242,970</b>	<b>\$ 1,277,320</b>	<b>\$ 1,277,320</b>
	<b>TOTAL SALARIES AND EXPENSES</b>	<b>\$ 1,956,522</b>	<b>\$ 2,169,178</b>	<b>\$ 2,343,654</b>	<b>\$ 2,343,654</b>

# GREATER LAWRENCE SANITARY DISTRICT

## FY 2023 Operating Budget Operations Department - 0500

*The Operations Department's goal is the continued excellence of our effluent quality and the maintenance of stable treatment costs. Operations personnel are responsible for the operations of all treatment components of the plant, including the preparation of reports and records concerning plant operations.*

<u>Account</u>		<u>FY 2021 Actual EXP &amp; ENC</u>	<u>FY 2022 Adopted Budget</u>	<u>FY 2023 Department Request</u>	<u>FY 2023 Recommended Budget</u>
	<b><u>SALARIES AND WAGES</u></b>				
01-0500-5110	Regular	\$ 1,005,847	\$ 1,175,856	\$ 1,219,202	\$ 1,219,202
01-0500-5130	Overtime	\$ 167,480	\$ 195,000	\$ 180,000	\$ 180,000
01-0500-5131	Senior Operator Overtime	\$ 120,117	\$ 160,000	\$ 175,000	\$ 175,000
01-0500-5132	Buy Back Sick Leave	\$ 1,411	\$ 1,500	\$ 3,600	\$ 3,600
01-0500-5140	Longevity	\$ 14,418	\$ 13,314	\$ 13,314	\$ 13,314
01-0500-5160	Shift Differential	\$ 49,727	\$ 64,000	\$ 64,000	\$ 64,000
	<b>Subtotal Salaries and Wages</b>	<b>\$ 1,359,000</b>	<b>\$ 1,609,670</b>	<b>\$ 1,655,116</b>	<b>\$ 1,655,116</b>
	<b><u>EXPENSES</u></b>				
	<b><u>Purchased Property Services:</u></b>				
01-0500-5411	Water	\$ 17,913	\$ 20,000	\$ 20,000	\$ 20,000
01-0500-5412	Natural Gas	\$ 768,786	\$ 790,749	\$ 806,464	\$ 806,464
01-0500-5413	Electricity	\$ 537,631	\$ 1,600,000	\$ 1,600,000	\$ 1,600,000
	<b>Subtotal Purchased Property Services</b>	<b>\$ 1,324,330</b>	<b>\$ 2,410,749</b>	<b>\$ 2,426,464</b>	<b>\$ 2,426,464</b>
	<b><u>Other Purchased Services:</u></b>				
01-0500-5520	Communications/Phone	\$ 12,749	\$ 16,000	\$ 16,000	\$ 16,000
01-0500-5399	Other Purchased Services	\$ 58,545	\$ 50,000	\$ 50,000	\$ 50,000
	<b>Subtotal Other Purchased Services</b>	<b>\$ 71,294</b>	<b>\$ 66,000</b>	<b>\$ 66,000</b>	<b>\$ 66,000</b>
	<b><u>Supplies:</u></b>				
01-0500-5614	Safety Supplies	\$ 1,396	\$ 5,000	\$ 5,000	\$ 5,000
01-0500-5615	Uniforms/Protective Gear	\$ 6,740	\$ 14,520	\$ 13,170	\$ 13,170
01-0500-5616	Other Supplies	\$ 39,952	\$ 50,000	\$ 50,000	\$ 50,000
01-0500-5630	Books and Periodicals	\$ -	\$ 500	\$ 500	\$ 500
	<b>Subtotal Supplies</b>	<b>\$ 48,089</b>	<b>\$ 70,020</b>	<b>\$ 68,670</b>	<b>\$ 68,670</b>

# GREATER LAWRENCE SANITARY DISTRICT

## FY 2023 Operating Budget Operations Department - 0500

		<b>FY 2021 Actual EXP &amp; ENC</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Department Request</b>	<b>FY 2023 Recommended Budget</b>
	<b>Other /Chemicals:</b>				
01-0500-5711	Sodium Hypochlorite	\$ 190,815	\$ 279,840	\$ 447,740	\$ 447,740
01-0500-5712	Polymer	\$ 384,413	\$ 702,000	\$ 898,560	\$ 898,560
01-0500-5713	Sodium Bisulfite	\$ 86,887	\$ 181,500	\$ 290,400	\$ 290,400
01-0500-5714	Defoamant	\$ 9,678	\$ 20,000	\$ 20,000	\$ 20,000
01-0500-5715	Potassium Perm./Odor Control		\$ 8,000	\$ 8,000	\$ 8,000
01-0500-5717	Other Chemicals		\$ 2,000	\$ 2,000	\$ 2,000
01-0500-5718	Ferric Chloride	\$ 115,477	\$ 126,000	\$ 225,000	\$ 225,000
01-0500-5719	Urea	\$ 34,034	\$ 35,000	\$ 70,000	\$ 70,000
	<b>Subtotal Chemicals</b>	<b>\$ 821,303</b>	<b>\$ 1,354,340</b>	<b>\$ 1,961,700</b>	<b>\$ 1,961,700</b>
	<b>Property</b>				
01-0500-5841	Machinery & Equipment	\$ 103,748	\$ 50,000	\$ 50,000	\$ 50,000
01-0500-5844	Equipment/Automation/Computers	\$ 23,719		\$ 25,000	\$ 25,000
01-0500-5854	Safety Equipment	\$ 6,614	\$ 3,500	\$ 3,500	\$ 3,500
	<b>Subtotal Property</b>	<b>\$ 134,081</b>	<b>\$ 53,500</b>	<b>\$ 78,500</b>	<b>\$ 78,500</b>
	<b>Subtotal Expenses (Non-Personnel Services)</b>	<b>\$ 2,399,096</b>	<b>\$ 3,954,609</b>	<b>\$ 4,601,334</b>	<b>\$ 4,601,334</b>
	<b>TOTAL SALARIES AND EXPENSES</b>	<b>\$ 3,758,097</b>	<b>\$ 5,564,279</b>	<b>\$ 6,256,450</b>	<b>\$ 6,256,450</b>



**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Fringe Benefits - 0600**

<u>Account</u>		<u>FY 2021</u> <u>Actual</u> <u>EXP &amp; ENC</u>	<u>FY 2022</u> <u>Adopted</u> <u>Budget</u>	<u>FY 2023</u> <u>Department</u> <u>Request</u>	<u>FY 2023</u> <u>Recommended</u> <u>Budget</u>
01-0600-5211	<b><u>HEALTH INSURANCE</u></b>				
<b>Units Active</b>	<b><u>Active Employees</u></b>				
	<u>HMO Blue</u>				
GLSD Contribution @ 70%	9 Individual Units at	\$ 9,193 /Year	\$ 81,037	\$ 82,739	\$ 82,739
GLSD Contribution @ 70%	19 Family Units at	\$ 24,638 /Year	\$ 410,228	\$ 468,119	\$ 468,119
	<u>Blue Choice</u>				
GLSD Contribution @ 70%	3 Individual Units at	\$ 9,834 /Year	\$ 38,528	\$ 29,502	\$ 29,502
GLSD Contribution @ 70%	5 Family Units at	\$ 26,355 /Year	\$ 154,875	\$ 131,773	\$ 131,773
	<u>HMO Blue Benchmark (plan with deductibles)</u>				
GLSD Contribution @ 70%	0 Individual Units at	\$ 8,197 /Year		\$ -	\$ -
GLSD Contribution @ 70%	0 Individual Units at	\$ 21,967 /Year		\$ -	\$ -
<b>Units Retired</b>	<b><u>Retirees &amp; Surviving Spouse</u></b>				
	<u>HMO Blue</u>				
GLSD Contribution @ 65%	3 Individual Units at	\$ 8,537 /Year	\$ 16,722	\$ 25,610	\$ 25,610
GLSD Contribution @ 65%	0 Family Units at	\$ 22,878 /Year	\$ 44,815	\$ -	\$ -
	<u>Blue Choice</u>				
GLSD Contribution @ 65%	2 Individual Units at	\$ 9,132 /Year	\$ 17,888	\$ 18,263	\$ 18,263
GLSD Contribution @ 65%	0 Family Units at	\$ 24,472 /Year	\$ -	\$ -	\$ -
	<u>MEDEX</u>				
GLSD Contribution @ 65%	44 Individual Units at	\$ 3,169 /Year	\$ 132,739	\$ 139,420	\$ 139,420
<b>Total Units</b>	<b>85 Subtotal, Health Insurance</b>	<b>\$ 733,307</b>	<b>\$ 896,832</b>	<b>\$ 895,426</b>	<b>\$ 895,426</b>
01-0600-5212	<b><u>Dental Insurance:</u></b>				
GLSD Contribution @ 70%	10 Individual Units at	\$ 478 /Year	\$ 5,321	\$ 4,780	\$ 4,780
GLSD Contribution @ 70%	24 Family Units at	\$ 1,299 /Year	\$ 31,556	\$ 31,178	\$ 31,178
	<b>34 Subtotal, Dental Insurance</b>	<b>\$ 34,510</b>	<b>\$ 36,877</b>	<b>\$ 35,957</b>	<b>\$ 35,957</b>
	<b><u>Other Insurances:</u></b>				
01-0600-5213	<b>Life Insurance Employees/Retirees</b>	<b>\$ 10,356</b>	\$ 11,000	\$ 11,000	\$ 11,000
01-0600-5214	<b>Disability Insurance:</b>	<b>\$ 32,122</b>	\$ 38,000	\$ 38,000	\$ 38,000
01-0600-5230	<b>Employee Retirement System</b>	<b>\$ 391,688</b>	\$ 429,811	\$ 471,644	\$ 471,644
01-0600-5231	<b>Other Post Employment Benefits (OPEB)</b>	<b>\$ 50,000</b>	\$ 50,000	\$ 100,000	\$ 100,000
01-0600-5240	<b>Mass Unemployment Compensation</b>	<b>\$ -</b>	\$ 7,000	\$ 7,000	\$ 7,000
01-0600-5250	<b>Workers Compensation Insurance</b>	<b>\$ 63,077</b>	\$ 115,000	\$ 100,000	\$ 100,000
01-0600-5255	<b>FICA Medicare-Federal Tax</b>	<b>\$ 46,021</b>	\$ 52,000	\$ 52,000	\$ 52,000
		<b>\$ 593,264</b>	<b>\$ 702,811</b>	<b>\$ 779,644</b>	<b>\$ 779,644</b>
	<b>TOTAL FRINGE BENEFITS</b>	<b>\$ 1,361,081</b>	<b>\$ 1,636,520</b>	<b>\$ 1,711,027</b>	<b>\$ 1,711,027</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Biosolids Drying - 0700**

---

<u>Account</u>		<b>FY 2021 Actual EXP &amp; ENC</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Department Request</b>	<b>FY 2023 Recommended Budget</b>
01-0700-5426	Biodrying	\$ 2,084,408	\$ 2,573,950	\$ 2,682,056	\$ 2,682,056
	Additional Disposal Costs related to PFAS			\$ 171,475	\$ 171,475
01-0700-5427	Grit & Screenings Disposal	\$ 89,786	\$ 115,000	\$ 144,000	\$ 144,000
		<b>\$ 2,174,194</b>	<b>\$ 2,688,950</b>	<b>\$ 2,997,531</b>	<b>\$ 2,997,531</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Contingency - 0150**

---

	<b>FY 2021 Actual Transferred</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Finance Director Request</b>	<b>FY 2023 Executive Director Budget</b>
01-0150-5730	\$230,000	\$230,000	\$250,000	\$250,000
<i>Transfers to Other Depts</i>				
	<hr/>	<hr/>	<hr/>	<hr/>
	\$ 230,000	\$ 230,000	\$ 250,000	\$ 250,000

*This line item is a discretionary appropriation controlled by the District Commissioners.  
A request to approve a transfer by the Board originates from the Executive Director.  
This appropriation is primarily for unanticipated costs during the fiscal year.*

*As more and more of our workforce reaches retirement age there may be occasional requests to transfer funds to cover costs for accrued benefits. All efforts will be made to fund these costs from within the departmental budget.*

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**ESTIMATED RECEIPTS**

<u>Service</u>	<u>Account</u>	FY 2021	FY 2022	FY 2023	FY 2023
		Prior Year	Final	Fin. Director	Exec. Director
		Actual Receipts	Budgeted Revenue	Initial Submittal	Recommended Budget
<b>Septage Receiving Facility</b>	<b>01-0041-4212/13</b>	\$ 2,110,871	\$ 1,850,000	\$ 2,000,000	\$ 2,000,000
<i>The District accepts septage from private haulers serving accepted communities.</i>					
<b>Tipping Fees</b>	<b>01-0041-4209</b>	\$ 42,505	\$ 30,000	\$ 50,000	\$ 50,000
<b>Outside Sludge</b>	<b>01-0041-4210</b>	\$ 213,638	\$ 165,000	\$ 180,000	\$ 180,000
<b>Industrial Surcharge</b>	<b>01-0041-4200</b>	\$ 174,000	\$ 70,000	\$ 70,000	\$ 70,000
<i>The District recovers the cost to treat wastewater discharged from industries with TSS and B.O.D. in excess of set limits.</i>					
<b>Industry Permit Fees &amp; Fines</b>	<b>01-0041-4230</b>	\$ 2,000	\$ 3,000	\$ 2,000	\$ 2,000
<i>In July 1994 the GLSD implemented an industrial pretreatment cost recovery program.</i>					
<b>Sale of Effluent Water</b>	<b>01-0041-4240</b>	\$ 75,496	\$ 68,000	\$ 72,000	\$ 72,000
<i>The GLSD recovers the cost for effluent purchased by Wheelebrator N.A.</i>					
<b>Treated Groundwater Discharge</b>	<b>01-0041-4259</b>	\$ 5,832	\$ 5,000	\$ 7,000	\$ 7,000
<i>Safety Kleen participates in the District's wastewater recovery program. Costs are based on the gallons of treated water discharged to the GLSD through a ground water treatment system .</i>					
<b>Wastewater Discharge-Direct</b>	<b>01-0041-4260</b>	\$ 70,519	\$ 28,000	\$ 35,000	\$ 35,000
<i>Wheelebrator/Lifoam/Ozzy discharge wastewater via a direct sewer line to the plant for treatment</i>					
<b>Miscellaneous Income</b>	<b>01-0041-4280</b>	\$ 3,394	\$ -	\$ -	\$ -
<b>Interest on Bank Accounts</b>	<b>01-0041-4233</b>	\$ 7,404	\$ 7,000	\$ 7,000	\$ 7,000
<b>TOTAL INCOME</b>		<b>\$ 2,705,658</b>	<b>\$ 2,226,000</b>	<b>\$ 2,423,000</b>	<b>\$ 2,423,000</b>
<b>CAPITAL PROJECTS FUND</b>					
<i>Interest Income appropriated to Capital Fund</i>	<b>03-1000-4233</b>	\$ 34,258	\$ 30,000	\$ 20,000	\$ 20,000
<b>Total Income Capital Projects Fund</b>		<b>\$ 34,258</b>	<b>\$ 30,000</b>	<b>\$ 20,000</b>	<b>\$ 20,000</b>
<b>DEBT SERVICE FUND</b>					
<i>Interest Income appropriated to Debt Fund</i>	<b>04-0902-4233</b>	\$ 13,178	\$ 8,500	\$ 11,000	\$ 11,000
<i>Fund Balance to Appropriate (Energy Credits)</i>	<b>04-0042-4262</b>	\$ 1,168,326	\$ 639,127	\$ 1,280,089	\$ 1,280,089
<b>Total Income Debt Service</b>		<b>\$ 1,181,504</b>	<b>\$ 647,627</b>	<b>\$ 1,291,089</b>	<b>\$ 1,291,089</b>
<b>ESTIMATED REVENUE ALL FUNDS</b>		<b>\$ 3,921,421</b>	<b>\$ 2,903,627</b>	<b>\$ 3,734,089</b>	<b>\$ 3,734,089</b>

**GREATER LAWRENCE SANITARY DISTRICT**  
**FY 2023 Operating Budget**  
**Debt Service Appropriation**

***Debt Service Budget***

The Districts Debt Service is comprised of a combination of Long and Short Term Financing.

There are currently five long term General Obligation Bonds outstanding for the district. Four of which are funded through the Massachusetts Water Pollution Abatement Trust or SRF Loan Program.

		<b>FY 2021 Actual EXP &amp; ENC</b>	<b>FY 2022 Adopted Budget</b>	<b>FY 2023 Department Request</b>	<b>FY 2023 Recommended Budget</b>
<b><u>DEBT SERVICE - Principal</u></b>					
<b><i>SRF-Massachusetts Water Pollution Abatement Trust Loans</i></b>					
04-0900-5904	Loan 99-16 11/8/00 \$250,000	10,353			
04-0900-5905	Loan CW-00-35 \$950,000	39,872	39,742	43,961	43,961
04-0900-5906	Loan CWSRF CW-00-41 \$20,897,422	1,140,392	1,163,430	1,186,934	1,186,934
04-0900-5907	Loan CW-11-13 \$2,704,383	88,617	90,543	92,511	92,511
04-0900-5908	Loan CW-11-14 \$10,970,144	438,033	447,553	457,280	457,280
04-0900-5909	Loan CW-11-14-A \$721,415	24,396	24,926	25,468	25,468
04-0900-5910	Loan CWP15-15 \$25,290,071-CHP	0	1,023,009	1,045,242	1,045,242
04-0900-5911	Loan CWP15-16 \$8,739,493-RSPS	0	353,521	361,205	361,205
<b>Subtotal MWPAT Principal Loans</b>		<b>1,741,663</b>	<b>3,142,724</b>	<b>3,212,601</b>	<b>3,212,601</b>
<b>TOTAL Debt Service Principal</b>		<b>1,741,663</b>	<b>3,142,724</b>	<b>3,212,601</b>	<b>3,212,601</b>
<b><u>DEBT SERVICE - Interest on Long Term Debt</u></b>					
<b><i>SRF-Massachusetts Water Pollution Abatement Trust Loans</i></b>					
04-0901-5940	Loan CWP15-15 \$25,290,071-CHP	0	361,086	485,341	485,341
04-0901-5941	Loan CWP15-16 \$8,739,493-RSPS	0	124,781	167,719	167,719
04-0901-5955	Loan CWSRF 519 \$950,000	1,335	554		
04-0901-5956	Loan CWSRF CW-00-41 \$20,897,422	132,544	109,505	86,002	86,002
04-0901-5957	Loan CW-11-13 \$2,704,383	31,037	29,264	27,453	27,453
04-0901-5958	Loan CW-11-14 \$10,970,144	129,990	121,230	112,278	112,278
04-0901-5959	Loan CW-11-14-A \$721,415	8,544	8,056	7,558	7,558
<b>MWPAT Interest on Long Term</b>		<b>303,450</b>	<b>754,476</b>	<b>886,352</b>	<b>886,352</b>
<b>TOTAL Debt Service Interest</b>		<b>303,450</b>	<b>754,476</b>	<b>886,352</b>	<b>886,352</b>
<b><u>DEBT SERVICE - Administrative Fees</u></b>					
04-0902-5324	Financial Services & Banking Fees	25,500	100,000	100,000	100,000
04-0902-5728	SRF Loan Origination Fees	(126,450)	60,712		
04-0902-5726	SRF Loan Administrative Fees	22,884	71,280	66,521	66,521
04-0903-5729	Short Term Interest	29,367	0		
<b>SUBTOTAL Fees</b>		<b>(48,700)</b>	<b>231,992</b>	<b>166,521</b>	<b>166,521</b>
<b>TOTAL</b>		<b>1,996,413</b>	<b>4,129,192</b>	<b>4,265,474</b>	<b>4,265,474</b>

# GREATER LAWRENCE SANITARY DISTRICT

## FY 2023 Operating Budget

### Debt Service Apportionment

#### **Debt Service Budget**

The Districts Debt Service is comprised of a combination of Long and Short Term Financing. There are currently five long term General Obligation Bonds outstanding for the district. Four of which are funded through the Massachusetts Water Pollution Abatement Trust or SRF Loan Program.

		<u>FY 2023</u> <u>5 District</u> <u>Communities</u>	<u>FY 2023</u> <u>5 Communities</u> <u>&amp; Dracut</u>
<b><u>DEBT SERVICE - Principal</u></b>			
<b><u>SRF-Massachusetts Water Pollution Abatement Trust Loans</u></b>			
04-0900-5904	Loan 99-16 11/8/00 \$250,000	0	
04-0900-5905	Loan CW-00-35 \$950,000	43,961	
	♦ <u>Loan CWSRF CW-00-41 \$20,897,422</u>		
04-0900-5906	41.43% Portion-5 District Communities	491,747	
	<u>58.57%</u> Portion-5 District Communities & Dracut		695,187
	100% LTD CWSRF CW-00-41		
	Loan CW-11-13 \$2,704,383		92,511
	Loan CW-11-14 \$10,970,144		457,280
	Loan CW-11-14A \$721,415		25,468
CHP Organics	Loan CWP15-16 \$23,290,070		1,045,242
RSPS Upgrades	Loan CWP15-15 \$8,739,493		361,205
<b>Subtotal MWPAT Principal Loans</b>		535,708	2,676,893
<b>TOTAL Debt Service Principal</b>		535,708	2,676,893
<b><u>DEBT SERVICE - Interest on Long Term Debt</u></b>			
<b><u>SRF-Massachusetts Water Pollution Abatement Trust Loans</u></b>			
04-0901-5955	Loan CWSRF 519 \$950,000		
04-0901-5956	♦ <u>Loan CWSRF CW-00-41 \$20,897,422</u>		
	41.43% Portion-5 District Communities	35,631	
	<u>58.57%</u> Portion-5 District Communities & Dracut		50,371
	100% LTI CWSRF CW-00-41		
	Loan CW-11-13 \$2,704,383		27,453
	Loan CW-11-14 \$10,970,144		112,278
	Loan CW-11-14-A \$721,415		7,558
CHP Organics	Loan CWP15-15 \$23,290,070		485,341
RSPS Upgrades	Loan CWP15-16 \$8,739,493		167,719
<b>Subtotal MWPAT Interest on Long Term</b>		35,631	850,721
<b>TOTAL Debt Service Interest</b>		35,631	850,721
<b><u>DEBT SERVICE - Administrative Fees</u></b>			
04-0902-5324	Financial Services		100,000
<b><u>SRF Loan Administrative Fees</u></b>			
	♦ <u>SRF Admin Fees Loan CW-00-41</u>		
04-0902-5726	41.43% Portion-5 District Communities	2,672	
	<u>58.57%</u> Portion-5 District Communities & Dracut		3,778
	100%		
04-0902-5726	SRF Loan Administrative (3 Loans)	45	
	Loan CW-11-13 \$2,704,383		2,059
	Loan CW-11-14 \$10,970,144		8,421
	Loan CW-11-14A \$721,415		567
CHP Organics	Loan CWP15-15 \$23,290,070		36,401
RSPS Upgrades	Loan CWP15-16 \$8,739,493		12,579
<b>Subtotal Administrative Fees</b>		2,717	163,804
		<b>\$ 574,056</b>	<b>\$ 3,691,418</b>
Breakdown			
	<b>DEBT-5 District Communities</b>	<b>\$ 574,056</b>	
	<b>DEBT-5 District Communities &amp; Dracut</b>		<b>\$ 3,691,418</b>
		<b>\$ 574,056</b>	<b>\$ 3,691,418</b>
<b>TOTAL Debt Service Appropriation</b>			<b>\$ 4,265,474</b>

♦ See explanatory note on the inclusion of Dracut Debt Service on Page 3

## Greater Lawrence Sanitary District - 10 YEAR Debt Service Projections

			Original or Refunded	Retired/Refunded Through End	Scheduled to be Paid Current	Long Term Principal Balance as of 6/30/22	Principal Fiscal Year 2023	Principal Fiscal Year 2024	Principal Fiscal Year 2025	Principal Fiscal Year 2026	Principal Fiscal Year 2027	Principal Fiscal Year 2028	Principal Fiscal Year 2029	Principal Fiscal Year 2030	Principal Fiscal Year 2031	Principal Fiscal Year 2032
<b>Long Term Debt - Principal</b>			Amount	Fiscal Year 2021	Fiscal Year 2022											
<b>State Revolving Loan Pool (SRF-MWPAT)</b>																
CSO SRF Loan CW-00-35 (Refunded Debt)	20	0.00%	\$ 639,120	\$ 555,418	\$ 39,742	\$ 43,960	\$ 43,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CSO SRF Loan CW-00-41 (CSO)	20	2.00%	\$ 20,897,422	\$ 14,840,439	\$ 1,163,430	\$ 4,893,553	\$ 1,186,934	\$ 1,210,912	\$ 1,235,375	\$ 1,260,332	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CSO SRF Loan CW-11-13 (Plant Improvements)	20	2.00%	\$ 1,980,741	\$ 517,527	\$ 90,543	\$ 1,372,671	\$ 92,511	\$ 94,522	\$ 96,576	\$ 98,675	\$ 100,819	\$ 103,010	\$ 105,249	\$ 107,537	\$ 109,874	\$ 112,261
CSO SRF Loan CW-11-14 (Force Main)	20	2.00%	\$ 9,315,654	\$ 3,254,179	\$ 447,553	\$ 5,613,922	\$ 457,280	\$ 467,218	\$ 477,372	\$ 487,747	\$ 498,349	\$ 509,179	\$ 520,245	\$ 531,552	\$ 543,105	\$ 554,908
CSO SRF Loan CW-11-14-A (Force Main Addendum)	20	2.00%	\$ 548,890	\$ 146,079	\$ 24,926	\$ 377,885	\$ 25,468	\$ 26,021	\$ 26,586	\$ 27,164	\$ 27,754	\$ 28,358	\$ 28,975	\$ 29,604	\$ 30,247	\$ 30,905
CHP-Organics SRF Loan CWP-15-15	20	2.00%	\$ 25,290,070		\$ 1,023,009	\$ 24,267,061	\$ 1,045,242	\$ 1,067,959	\$ 1,091,170	\$ 1,114,885	\$ 1,139,116	\$ 1,163,873	\$ 1,189,168	\$ 1,215,013	\$ 1,241,420	\$ 1,268,400
CSO (RSPS Upgrades) SRF Loan CWP-15-16	20	2.00%	\$ 8,739,493		\$ 353,521	\$ 8,385,972	\$ 361,205	\$ 369,055	\$ 377,076	\$ 385,271	\$ 393,644	\$ 402,200	\$ 410,941	\$ 419,872	\$ 428,997	\$ 438,321
<b>Total - Long Term Principal</b>			<b>\$ 67,411,390</b>	<b>\$ 19,313,642</b>	<b>\$ 3,142,724</b>	<b>\$ 44,955,024</b>	<b>\$ 3,212,601</b>	<b>\$ 3,235,687</b>	<b>\$ 3,304,155</b>	<b>\$ 3,374,074</b>	<b>\$ 2,159,683</b>	<b>\$ 2,206,620</b>	<b>\$ 2,254,578</b>	<b>\$ 2,303,577</b>	<b>\$ 2,353,643</b>	<b>\$ 2,404,795</b>
			Original or Refunded	Retired/Refunded Through End	Scheduled to be Paid Current	L.T. Interest Principal Balance as of 6/30/22	L.T. Interest Fiscal Year 2023	L.T. Interest Fiscal Year 2024	L.T. Interest Fiscal Year 2025	L.T. Interest Fiscal Year 2026	L.T. Interest Fiscal Year 2027	L.T. Interest Fiscal Year 2028	L.T. Interest Fiscal Year 2029	L.T. Interest Fiscal Year 2030	L.T. Interest Fiscal Year 2031	L.T. Interest Fiscal Year 2032
<b>Long Term Interest on Principal</b>			Amount	Fiscal Year 2021	Fiscal Year 2022											
<b>State Revolving Loan Pool (SRF-MWPAT)</b>																
CSO SRF Loan CW-00-41 (CSO)	20	2.00%	\$ 4,561,285	\$ 4,253,591	\$ 109,505	\$ 198,189	\$ 86,002	\$ 62,023	\$ 37,560	\$ 12,603						
CSO SRF Loan CW-11-13 (Plant Improvements)	20	2.00%	\$ 454,613	\$ 224,922	\$ 29,264	\$ 200,427	\$ 27,453	\$ 25,603	\$ 23,713	\$ 21,781	\$ 19,808	\$ 17,791	\$ 15,732	\$ 13,626	\$ 11,475	\$ 9,278
CSO SRF Loan CW-11-14 (Force Main)	20	2.00%	\$ 2,023,346	\$ 1,204,328	\$ 121,230	\$ 697,789	\$ 112,278	\$ 103,133	\$ 93,788	\$ 84,241	\$ 74,486	\$ 64,519	\$ 54,336	\$ 43,931	\$ 33,300	\$ 22,438
CSO SRF Loan CW-11-14-A (Force Main)	20	2.00%	\$ 160,252	\$ 65,317	\$ 8,056	\$ 86,879	\$ 7,558	\$ 7,048	\$ 6,528	\$ 5,996	\$ 5,453	\$ 4,898	\$ 4,330	\$ 3,751	\$ 3,159	\$ 2,554
CHP-SRF-Organics SRF Loan CWP-15-15	20	2.00%	\$ 5,508,421	\$ -	\$ 342,821	\$ 5,165,600	\$ 485,341	\$ 464,436	\$ 443,077	\$ 421,254	\$ 398,956	\$ 376,174	\$ 352,896	\$ 329,113	\$ 304,813	\$ 279,984
CSO (RSPS Upgrades) SRF Loan CWP-15-16	20	2.00%	\$ 1,903,546	\$ -	\$ 118,469	\$ 1,785,077	\$ 167,719	\$ 160,495	\$ 153,114	\$ 145,573	\$ 137,867	\$ 129,994	\$ 121,950	\$ 113,732	\$ 105,334	\$ 96,754
<b>Total - Long Term Interest</b>			<b>\$ 14,611,463</b>	<b>\$ 5,748,159</b>	<b>\$ 729,344</b>	<b>\$ 8,133,960</b>	<b>\$ 886,352</b>	<b>\$ 822,739</b>	<b>\$ 757,781</b>	<b>\$ 691,448</b>	<b>\$ 636,570</b>	<b>\$ 593,377</b>	<b>\$ 549,245</b>	<b>\$ 504,153</b>	<b>\$ 458,081</b>	<b>\$ 411,008</b>
<b>TOTAL Long Term Principal &amp; Interest</b>			<b>\$ 82,022,852</b>	<b>\$ 25,061,801</b>	<b>\$ 3,872,068</b>	<b>\$ 53,088,983</b>	<b>\$ 4,098,953</b>	<b>\$ 4,058,426</b>	<b>\$ 4,061,936</b>	<b>\$ 4,065,523</b>	<b>\$ 2,796,253</b>	<b>\$ 2,799,996</b>	<b>\$ 2,803,823</b>	<b>\$ 2,807,730</b>	<b>\$ 2,811,724</b>	<b>\$ 2,815,803</b>
			Original or Refunded	Retired/Refunded Through End	Scheduled to be Paid Current	Long Term Principal Balance as of 6/30/22	Fees Fiscal Year 2023	Fees Fiscal Year 2024	Fees Fiscal Year 2025	Fees Fiscal Year 2026	Fees Fiscal Year 2027	Fees Fiscal Year 2028	Fees Fiscal Year 2029	Fees Fiscal Year 2030	Fees Fiscal Year 2031	Fees Fiscal Year 2032
<b>Loan Fees</b>			Amount	Fiscal Year 2021	Fiscal Year 2022											
CSO SRF Loan Fees (98-89; 99-16 & CW00-35)			\$ 27,526	\$ 27,350	\$ 131	\$ 45	\$ 45									
CSO SRF Loan CW-00-41 (CSO)			\$ 335,916	\$ 312,840	\$ 8,213	\$ 14,863	\$ 6,450	\$ 4,652	\$ 2,817	\$ 945						
CSO SRF Loan CW-11-13 (Plant Improvements)			\$ 34,096	\$ 16,869	\$ 2,195	\$ 15,032	\$ 2,059	\$ 1,920	\$ 1,778	\$ 1,634	\$ 1,486	\$ 1,334	\$ 1,180	\$ 1,022	\$ 861	\$ 696
CSO SRF Loan CW-11-14 (Force Main)			\$ 151,751	\$ 90,325	\$ 9,092	\$ 52,334	\$ 8,421	\$ 7,735	\$ 7,034	\$ 6,318	\$ 5,586	\$ 4,839	\$ 4,075	\$ 3,295	\$ 2,497	\$ 1,683
CSO SRF Loan CW-11-14-A (Force Main)			\$ 9,641	\$ 4,899	\$ 604	\$ 4,138	\$ 567	\$ 529	\$ 490	\$ 450	\$ 409	\$ 367	\$ 325	\$ 281	\$ 237	\$ 192
CHP-Organics SRF Loan CWP-15-15			\$ 413,132	\$ -	\$ 25,712	\$ 387,420	\$ 36,401	\$ 34,833	\$ 33,231	\$ 31,594	\$ 29,922	\$ 28,213	\$ 26,467	\$ 24,683	\$ 22,861	\$ 20,999
CSO (RSPS Upgrades) SRF Loan CWP-15-16			\$ 142,766	\$ -	\$ 8,885	\$ 133,881	\$ 12,579	\$ 12,037	\$ 11,484	\$ 10,918	\$ 10,340	\$ 9,750	\$ 9,146	\$ 8,530	\$ 7,900	\$ 7,257
<b>Total - SRF Administrative Fees</b>			<b>\$ 1,114,828</b>	<b>\$ 452,283</b>	<b>\$ 54,832</b>	<b>\$ 607,713</b>	<b>\$ 66,521</b>	<b>\$ 61,705</b>	<b>\$ 56,834</b>	<b>\$ 51,859</b>	<b>\$ 47,743</b>	<b>\$ 44,503</b>	<b>\$ 41,193</b>	<b>\$ 37,811</b>	<b>\$ 34,356</b>	<b>\$ 30,826</b>
<b>Total Financial Services and Fees</b>							<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>	<b>\$ 100,000</b>
			Original or Refunded	Retired/Refunded Through End	Scheduled to be Paid Current	Balance of All Debt as of 6/30/22	Budget Fiscal Year 2023	Budget Fiscal Year 2024	Budget Fiscal Year 2025	Budget Fiscal Year 2026	Budget Fiscal Year 2027	Budget Fiscal Year 2028	Budget Fiscal Year 2029	Budget Fiscal Year 2030	Budget Fiscal Year 2031	Budget Fiscal Year 2032
<b>Total Budget</b>			Amount	Fiscal Year 2021	Fiscal Year 2022											
<b>Net Change in Actual Debt Service Costs</b>						\$ 53,088,983	<b>136,282</b>	<b>\$ (45,343)</b>	<b>\$ (1,362)</b>	<b>\$ (1,389)</b>	<b>\$ (1,273,386)</b>	<b>\$ 504</b>	<b>\$ 516</b>	<b>\$ 525</b>	<b>\$ 538</b>	<b>\$ 549</b>

# GREATER LAWRENCE SANITARY DISTRICT

## CURRENT DEBT SERVICE OBLIGATION SCHEDULES

DEBT SERVICE SCHEDULE BY BOND ISSUE			Fiscal Year 2023 Payments	Fiscal Year 2024 Payments	Fiscal Year 2025 Payments	Fiscal Year 2026 Payments	Fiscal Year 2027 Payments	Fiscal Year 2028 Payments	Fiscal Year 2029 Payments	Fiscal Year 2030 Payments	Fiscal Year 2031 Payments	Fiscal Year 2032 Payments
Massachusetts Clean Water Trust Loans			Fiscal Year 2023 Payments	Fiscal Year 2024 Payments	Fiscal Year 2025 Payments	Fiscal Year 2026 Payments	Fiscal Year 2027 Payments	Fiscal Year 2028 Payments	Fiscal Year 2029 Payments	Fiscal Year 2030 Payments	Fiscal Year 2031 Payments	Fiscal Year 2032 Payments
SRF Loan CW-00-35 (Issued-11/2/2002) \$950,000 for CSO Planning	July Jan	Principal Interest	\$ 43,961									
SRF Loan CW-00-41 (Issued-Nov. 2005) \$20,897,422.00 CSO Construction	July July Jan	Principal Interest Interest	\$ 1,186,934 \$ 48,936 \$ 37,066	\$ 1,210,912 \$ 37,066 \$ 24,957	\$ 1,235,375 \$ 24,957 \$ 12,603	\$ 1,260,332 \$ 12,603						
SRF Loan CW-11-13 \$1,887,845.26 CSO WWTP Improvements	Jan July Jan	Principal Interest Interest	\$ 92,511 \$ 13,727 \$ 13,727	\$ 94,522 \$ 12,802 \$ 12,802	\$ 96,576 \$ 11,856 \$ 11,856	\$ 98,675 \$ 10,891 \$ 10,891	\$ 100,819 \$ 9,904 \$ 9,904	\$ 103,010 \$ 8,896 \$ 8,896	\$ 105,249 \$ 7,866 \$ 7,866	\$ 107,537 \$ 6,813 \$ 6,813	\$ 109,874 \$ 5,738 \$ 5,738	\$ 112,261 \$ 4,639 \$ 4,639
SRF Loan CW-11-14 \$10,970,144.00 CSO FORCE MAIN	Jan July Jan	Principal Interest Interest	\$ 457,280 \$ 56,139 \$ 56,139	\$ 467,218 \$ 51,566 \$ 51,566	\$ 477,372 \$ 46,894 \$ 46,894	\$ 487,747 \$ 42,121 \$ 42,121	\$ 498,348 \$ 37,243 \$ 37,243	\$ 509,179 \$ 32,260 \$ 32,260	\$ 520,245 \$ 27,168 \$ 27,168	\$ 531,552 \$ 21,965 \$ 21,965	\$ 543,105 \$ 16,650 \$ 16,650	\$ 554,908 \$ 11,219 \$ 11,219
SRF Loan CW-11-14-A \$548,890.00 Addendum to CSO Force Main Loan	Jan July Jan	Principal Interest Interest	\$ 25,468 \$ 3,779 \$ 3,779	\$ 26,021 \$ 3,524 \$ 3,524	\$ 26,586 \$ 3,264 \$ 3,264	\$ 27,164 \$ 2,998 \$ 2,998	\$ 27,754 \$ 2,726 \$ 2,726	\$ 28,358 \$ 2,449 \$ 2,449	\$ 28,975 \$ 2,165 \$ 2,165	\$ 29,604 \$ 1,876 \$ 1,876	\$ 30,247 \$ 1,580 \$ 1,580	\$ 30,905 \$ 1,277 \$ 1,277
SRF Loan CWP-15-15-Issued May 2021-Series 23 \$25,290,070.00 Combined Heat & Power	Jan July Jan	Principal Interest Interest	\$ 1,045,242 \$ 242,671 \$ 242,671	\$ 1,067,959 \$ 232,218 \$ 232,218	\$ 1,091,170 \$ 221,539 \$ 221,539	\$ 1,114,885 \$ 210,627 \$ 210,627	\$ 1,139,116 \$ 199,478 \$ 199,478	\$ 1,163,873 \$ 188,087 \$ 188,087	\$ 1,189,168 \$ 176,448 \$ 176,448	\$ 1,215,013 \$ 164,556 \$ 164,556	\$ 1,241,420 \$ 152,406 \$ 152,406	\$ 1,268,400 \$ 139,992 \$ 139,992
SRF Loan CWP-15-16 Issued May 2021-Series 23 \$8,739,403.00 CSO-RSPS Upgrades Voted: \$9,900,000	Jan July Jan	Principal Interest Interest	\$ 361,205 \$ 83,860 \$ 83,860	\$ 369,055 \$ 80,248 \$ 80,248	\$ 377,076 \$ 76,557 \$ 76,557	\$ 385,271 \$ 72,786 \$ 72,786	\$ 393,644 \$ 68,934 \$ 68,934	\$ 402,200 \$ 64,997 \$ 64,997	\$ 410,941 \$ 60,975 \$ 60,975	\$ 419,872 \$ 56,866 \$ 56,866	\$ 428,997 \$ 52,667 \$ 52,667	\$ 438,321 \$ 48,377 \$ 48,377
Total Principal and Interest to Budget by Fiscal Year			\$ 4,098,953	\$ 4,058,426	\$ 4,061,936	\$ 4,065,523	\$ 2,796,252	\$ 2,799,996	\$ 2,803,822	\$ 2,807,730	\$ 2,811,724	\$ 2,815,803
Administrative Fees			Fiscal Year 2023 Payments	Fiscal Year 2024 Payments	Fiscal Year 2025 Payments	Fiscal Year 2026 Payments	Fiscal Year 2027 Payments	Fiscal Year 2028 Payments	Fiscal Year 2029 Payments	Fiscal Year 2030 Payments	Fiscal Year 2031 Payments	Fiscal Year 2032 Payments
SRF Loan CW0035 Administrative Fee	Aug/Feb	Admin Fees	\$ 45									
SRF Loan CW-00-41 Administrative Fee	July/Jan	Admin Fees	\$ 6,450	\$ 4,652	\$ 2,817	\$ 945	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF Loan CW-11-13 CSO Improvements	July/Jan	Admin Fees	2,059	\$ 1,920	\$ 1,778	\$ 1,634	\$ 1,486	\$ 1,334	\$ 1,180	\$ 1,022	\$ 861	\$ 696
SRF Loan CW-11-14 CSO Force Main	July/Jan	Admin Fees	8,421	\$ 7,735	\$ 7,034	\$ 6,318	\$ 5,586	\$ 4,839	\$ 4,075	\$ 3,295	\$ 2,497	\$ 1,683
SRF Loan CW-11-14-A Force Main Addendum	July/Jan	Admin Fees	567	\$ 529	\$ 490	\$ 450	\$ 409	\$ 367	\$ 325	\$ 281	\$ 237	\$ 192
SRF Loan CW-15-15-Combined Heat & Power	July/Jan	Admin Fees	36,401	\$ 34,833	\$ 33,231	\$ 31,594	\$ 29,922	\$ 28,213	\$ 26,467	\$ 24,683	\$ 22,861	\$ 20,999
SRF Loan CW-15-16-Riverside Pump Station	July/Jan	Admin Fees	12,579	\$ 12,037	\$ 11,484	\$ 10,918	\$ 10,340	\$ 9,750	\$ 9,146	\$ 8,530	\$ 7,900	\$ 7,257
Total Admin Fee to Budget			\$ 66,521	\$ 61,705	\$ 56,834	\$ 51,859	\$ 47,743	\$ 44,503	\$ 41,193	\$ 37,811	\$ 34,356	\$ 30,826
TOTAL BUDGET			\$ 4,165,474	\$ 4,120,131	\$ 4,118,770	\$ 4,117,381	\$ 2,843,995	\$ 2,844,500	\$ 2,845,015	\$ 2,845,541	\$ 2,846,080	\$ 2,846,629



**GREATER LAWRENCE SANITARY DISTRICT**  
**CURRENT DEBT SERVICE OBLIGATION SCHEDULES AND BOND ISSUES**

DEBT SERVICE SCHEDULE BY BOND ISSUE			Fiscal Year 2033 Payments	Fiscal Year 2034 Payments	Fiscal Year 2035 Payments	Fiscal Year 2036 Payments	Fiscal Year 2037 Payments	Fiscal Year 2038 Payments	Fiscal Year 2039 Payments	Fiscal Year 2040 Payments	Fiscal Year 2041 Payments
Massachusetts Clean Water Trust Loans			Fiscal Year 2033 Payments	Fiscal Year 2034 Payments	Fiscal Year 2035 Payments	Fiscal Year 2036 Payments	Fiscal Year 2037 Payments	Fiscal Year 2038 Payments	Fiscal Year 2039 Payments	Fiscal Year 2040 Payments	Fiscal Year 2041 Payments
SRF Loan CW-00-35 (Issued-11/2/2002) \$950,000 for CSO Planning	July Jan	Principal Interest									
SRF Loan CW-00-41 (Issued-Nov. 2005) \$20,897,422.00 CSO Construction	July July Jan	Principal Interest Interest									
SRF Loan CW-11-13 \$1,887,845.26 CSO WWTP Improvements	Jan July Jan	Principal Interest Interest	\$ 114,701 \$ 3,516 \$ 3,516	\$ 117,194 \$ 2,369 \$ 2,369	\$ 119,741 \$ 1,197 \$ 1,197						
SRF Loan CW-11-14 \$10,970,144.00 CSO FORCE MAIN	Jan July Jan	Principal Interest Interest	\$ 566,968 \$ 5,670 \$ 5,670								
SRF Loan CW-11-14-A \$548,890.00 Addendum to CSO Force Main Loan	Jan July Jan	Principal Interest Interest	\$ 31,577 \$ 968 \$ 968	\$ 32,263 \$ 652 \$ 652	\$ 32,964 \$ 330 \$ 330						
SRF Loan CWP-15-15-Issued May 2021-Series 23 \$25,290,070.00 Combined Heat & Power	Jan July Jan	Principal Interest Interest	\$ 1,295,967 \$ 127,308 \$ 127,308	\$ 1,324,133 \$ 114,348 \$ 114,348	\$ 1,352,911 \$ 101,107 \$ 101,107	\$ 1,382,315 \$ 87,578 \$ 87,578	\$ 1,412,358 \$ 73,755 \$ 73,755	\$ 1,443,053 \$ 59,631 \$ 59,631	\$ 1,474,416 \$ 45,201 \$ 45,201	\$ 1,506,461 \$ 30,457 \$ 30,457	\$ 1,539,201 \$ 15,392 \$ 15,392
SRF Loan CWP-15-16 Issued May 2021-Series 23 \$8,739,403.00 CSO-RSPS Upgrades Voted: \$9,900,000	Jan July Jan	Principal Interest Interest	\$ 447,847 \$ 43,994 \$ 43,994	\$ 457,581 \$ 39,515 \$ 39,515	\$ 467,526 \$ 34,940 \$ 34,940	\$ 477,687 \$ 30,264 \$ 30,264	\$ 488,069 \$ 25,487 \$ 25,487	\$ 498,676 \$ 20,607 \$ 20,607	\$ 509,514 \$ 15,620 \$ 15,620	\$ 520,588 \$ 10,525 \$ 10,525	\$ 531,902 \$ 5,319 \$ 5,319
Total Principal and Interest to Budget by Fiscal Year			\$ 2,819,972	\$ 2,244,942	\$ 2,248,290	\$ 2,095,687	\$ 2,098,912	\$ 2,102,205	\$ 2,105,572	\$ 2,109,012	\$ 2,112,525
Administrative Fees			Fiscal Year 2033 Payments	Fiscal Year 2034 Payments	Fiscal Year 2035 Payments	Fiscal Year 2036 Payments	Fiscal Year 2037 Payments	Fiscal Year 2038 Payments	Fiscal Year 2039 Payments	Fiscal Year 2040 Payments	Fiscal Year 2041 Payments
SRF Loan CW0035 Administrative Fee	Aug/Feb	Admin Fees									
SRF Loan CW-00-41 Administrative Fee	July/Jan	Admin Fees	\$ -								
SRF Loan CW-11-13 CSO Improvements	July/Jan	Admin Fees	\$ 527	\$ 355	\$ 180						
SRF Loan CW-11-14 CSO Force Main	July/Jan	Admin Fees	\$ 850								
SRF Loan CW-11-14-A Force Main Addendum	July/Jan	Admin Fees	\$ 145	\$ 98	\$ 49						
SRF Loan CW-15-15-Combined Heat & Power	July/Jan	Admin Fees	\$ 19,096	\$ 17,152	\$ 15,166	\$ 13,137	\$ 11,063	\$ 8,945	\$ 6,780	\$ 4,569	\$ 2,309
SRF Loan CW-15-16-Riverside Pump Station	July/Jan	Admin Fees	\$ 6,599	\$ 5,927	\$ 5,241	\$ 4,540	\$ 3,823	\$ 3,091	\$ 2,343	\$ 1,579	\$ 798
Total Admin Fee to Budget			\$ 27,218	\$ 23,533	\$ 20,636	\$ 17,676	\$ 14,886	\$ 12,036	\$ 9,123	\$ 6,147	\$ 3,107
TOTAL BUDGET			\$ 2,847,191	\$ 2,268,475	\$ 2,268,926	\$ 2,113,363	\$ 2,113,798	\$ 2,114,241	\$ 2,114,695	\$ 2,115,159	\$ 2,115,632

# GREATER LAWRENCE SANITARY DISTRICT

Fiscal Year 2023

## Capital Projects Authorization of Requests

	<i>* Capital Projects Funded through Assessments</i>		FY 2023 Department Requests	FY 2023 Recommended Capital Budget
Dept.	<i>Plant Improvements - 5 District Communities</i>			
	<b>CAPITAL PROJECT REQUESTS</b>			
4000	Electrical Improvements		\$ 200,000	\$ 25,000
4015	Pump Rehabilitation, Replacements, Tanks and appurtenances		\$ 40,000	\$ 40,000
4016	Boiler and HVAC upgrades		\$ 60,000	\$ 60,000
4083	Vehicle Replacement		\$ 25,000	\$ 25,000
4092	Building Rehabilitation/Roof Replacement		\$ 75,000	\$ 75,000
5007	Heat Drying Facility Equipment		\$ 227,139	\$ 227,139
5009	Heavy Equipment Replacement		\$ 155,000	\$ 155,000
5049	CHP System Sustainability & Mechanical Overhauls		\$ 400,000	\$ 400,000
5062	Carbon Filter Replacement	<i>5 Year Replacement</i>	\$ 25,000	\$ 25,000
5063	Biomedica Filter Replacement	<i>5 Year Replacement</i>	\$ 256,614	\$ 256,614
5064	Centrifuge Rebuild	<i>5 Year Replacement</i>	\$ 75,000	\$ 75,000
5088	Plant Clarifier Upgrades		\$ 75,000	\$ 75,000
5089	Plant SCADA systems		\$ 25,000	\$ 25,000
	<b>TOTAL CAPITAL PROJECTS</b>		<b>\$ 1,638,753</b>	<b>\$ 1,463,753</b>

## GREATER LAWRENCE SANITARY DISTRICT - FIVE YEAR CAPITAL PLAN

The Capital Projects Fund is used to account for financial resources devoted to the construction, acquisition, extension or improvement of the District's facility as described in Section 6 of the District's enabling legislation. The Director has developed a five year capital improvement program which is incorporated into this budget document.

<i>*Capital Projects Funded via Assessments</i>		Fiscal Year 2023	Fiscal Year 2024	Fiscal Year 2025	Fiscal Year 2026	Fiscal Year 2027
<b>CIP PROJECTS FUNDED OVER MULTIPLE YEARS</b>						
<b>MAINTENANCE &amp; OPERATIONS REQUESTS</b>						
4000	Electrical Improvements	\$ 25,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
4015	Pump Rehabilitation, Replacements, Tanks and appurtenances	\$ 40,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
4016	Boiler & HVAC Upgrades	\$ 60,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
4083	Vehicle replacement	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
4092	Building Rehabilitation/Roof Replacement	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
5007	Heat Drying Facility Equipment	\$ 227,139	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
5009	Heavy Equipment Replacement	\$ 155,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
5047	Digester Upgrades & Rehab	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
5049	CHP Media Replacement & Mechanical Overhauls	\$ 400,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000
5062	Carbon Filter Replacement	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
5063	Biomedica Filter Replacement	\$ 256,614	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
5064	Centrifuge Rebuild	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
5088	Plant Clarifier Upgrades & Repair	\$ 75,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
5089	Plant SCADA Systems	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
<b>Total Recommended Capital Project- Assessments</b>		<b>\$ 1,463,753</b>	<b>\$ 1,320,000</b>	<b>\$ 1,320,000</b>	<b>\$ 1,320,000</b>	<b>\$ 1,320,000</b>

CIP Fund NO.	CIP Dept NO.	<b>Captial Project Balances</b>  Updated as of Warrant: FEBRUary 2022 <b>Assessment &amp; Other Misc. Funds</b>  <b>Project Description</b>	ALL FY'S REVENUE & TRANSFERS	ALL FY'S EXPENSES & TRANSFERS	FY2022 PROJECT FUND	Open Purchase Orders	Project Working
			TOTAL	TOTAL	BALANCE	(Encumbrances)	Balance
		<b>PROJECTS FUNDED BY ASSESSMENTS</b>					
03	1004	Asset Management System Development	\$ 263,020	(\$6,953)	\$256,067	\$ (256,067)	\$ -
03	1005	Plant Water Pump Station Improvements	\$ 150,000	(\$33,500)	\$116,500	\$ -	\$ 116,500
03	1006	Computer system & network	\$ 30,000	\$0	\$30,000	\$ -	\$ 30,000
03	1043	Plant & Property security & Access	\$ 80,000	(\$75,854)	\$4,146	\$ -	\$ 4,146
03	1079	Interceptor Study	\$ 82,000	(\$35,674)	\$46,326	\$0	\$ 46,326
03	1080	CSO-Assessments - NPDES Permit	\$ 5,830,194	(\$5,767,502)	\$62,692	\$ (906)	\$ 61,786
03	1099	CAT Engine	\$ 498,895		\$498,895	\$ (498,895)	\$ -
03	4000	Electrical Upgrades & Rehab	\$ 867,682	(\$318,265)	\$549,417	\$0	\$ 549,417
03	4008	Interceptor Infiltration & Inflow (TV & Cleaning)	\$ 1,296,453	(\$1,000,956)	\$295,498	\$ (4,809)	\$ 290,689
03	4010	RAS Pumps	\$ 157,000	(\$105,130)	\$51,870	\$ -	\$ 51,870
03	4011	WAS Pumps	\$ 65,000	(\$30,000)	\$35,000	\$ -	\$ 35,000
03	4014	Primary Sludge and Grit Pump	\$ 100,000	\$0	\$100,000	\$ -	\$ 100,000
03	4015	Pump Rehab, Replacement, Tanks and appurtenances	\$ 175,000	(\$40,324)	\$134,676	\$ (5,554)	\$ 129,122
03	4016	Smart HVAC Controls	\$ 110,000	\$0	\$110,000	\$ -	\$ 110,000
03	4017	Motorize Influent Gates	\$ 100,000	\$0	\$100,000	\$ -	\$ 100,000
03	4018	Boom Lift	\$ 60,000	\$0	\$60,000	\$ -	\$ 60,000
03	4083	Vehicle Replacement	\$ 490,624	(\$334,259)	\$156,365	\$ -	\$ 156,365
03	4092	Building Rehabilitation	\$ 878,700	(\$728,700)	\$150,000	\$ -	\$ 150,000
03	5001	CHP Media System Replacement	\$ 460,995	(\$91,071)	\$369,925	\$ (300)	\$ 369,625
03	5002	Rewire Main Aeration air supply	\$ 30,000	\$0	\$30,000	\$ -	\$ 30,000
03	5003	Aeration system upgrades	\$ 25,000	\$0	\$25,000	\$ -	\$ 25,000
03	5004	Kenmore PLC upgrades	\$ 25,000	\$0	\$25,000	\$ -	\$ 25,000
03	5006	Rewire A.T. valves and mixers	\$ 30,000	\$0	\$30,000	\$ -	\$ 30,000
03	5007	Drying Facility Separator Replacement	\$ 250,000	\$0	\$250,000	\$ -	\$ 250,000
03	5008	Site Improvements & Paving	\$ 50,000	\$0	\$50,000	\$ -	\$ 50,000
03	5009	Heavy Equipment Replacement	\$ 80,000	\$0	\$80,000	\$ -	\$ 80,000
03	5047	Digester Upgrades & Rehab (Every 6 Years)	\$ 7,930,689	(\$6,520,924)	\$1,409,766	\$ -	\$ 1,409,766
03	5049	Combined Heat & Power Systems	\$ 670,000	(\$5,024)	\$664,976	\$ (21,650)	\$ 643,326
03	5062	Carbon Filter Replacement (Every 5 Years)	\$ 215,000	(\$135,880)	\$79,120	\$ -	\$ 79,120
03	5063	Biofilter Media Replacement (Every 5 Years)	\$ 739,168	(\$459,901)	\$279,267	\$ (22,380)	\$ 256,887
03	5064	Centrifuge Scroll & Bowl (Every Five Years)	\$ 485,000	(\$374,918)	\$110,082	\$ (17,497)	\$ 92,585
03	5088	Plant Clarifier upgrades	\$ 327,949	(\$177,949)	\$150,000	\$ -	\$ 150,000
03	5089	SCADA-plant systems	\$ 378,008	(\$209,623)	\$168,385	\$ (53,650)	\$ 114,735
03	5090	ACP SCADA PLC	\$ 50,000	\$0	\$50,000	\$ (43,800)	\$ 6,200
		<b>Totals</b>	<b>\$ 22,981,377</b>	<b>(\$16,452,405)</b>	<b>\$6,528,972</b>	<b>\$ (925,508)</b>	<b>\$5,603,464</b>

## GREATER LAWRENCE SANITARY DISTRICT

### Fiscal Year 2023 Proposition 2-1/2 Levy Limit Calculation and Ten Year Operating Budget Projection

	PRIOR FY 2022	Fiscal YR 2023	Fiscal YR 2024	Fiscal YR 2025	Fiscal YR 2026	Fiscal YR 2027	Fiscal YR 2028	Fiscal YR 2029	Fiscal YR 2030	Fiscal YR 2031	Fiscal YR 2032
<b>General Fund</b>											
O & M Expenses	\$12,416,101	<b>\$13,397,102</b>	\$13,732,029	\$14,075,330	\$14,427,213	\$14,787,893	\$15,157,591	\$15,536,531	\$15,924,944	\$16,323,067	\$16,731,144
Biosolids Disposal	\$2,688,950	<b>\$2,997,531</b>	\$3,057,481	\$3,118,631	\$3,181,004	\$3,244,624	\$3,309,516	\$3,375,707	\$3,443,221	\$3,512,085	\$3,582,327
Contingency (Appropriated)	<u>\$230,000</u>	<b><u>\$250,000</u></b>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>	<u>\$250,000</u>
	\$15,335,051	<b>\$16,644,632</b>	\$17,039,511	\$17,443,961	\$17,858,217	\$18,282,517	\$18,717,107	\$19,162,237	\$19,618,164	\$20,085,152	\$20,563,471
Offsetting Revenue	<u>(\$2,226,000)</u>	<b><u>(\$2,423,000)</u></b>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>	<u>(\$2,423,000)</u>
<b>Total</b>	<b>\$13,109,051</b>	<b>\$14,221,632</b>	<b>\$14,616,511</b>	<b>\$15,020,961</b>	<b>\$15,435,217</b>	<b>\$15,859,517</b>	<b>\$16,294,107</b>	<b>\$16,739,237</b>	<b>\$17,195,164</b>	<b>\$17,662,152</b>	<b>\$18,140,471</b>
<b>Capital Projects</b>											
Capital Outlays	\$1,520,000	<b>\$1,463,753</b>	\$1,320,000	\$1,320,000	\$1,320,000	\$1,320,000	\$1,353,000	\$1,386,825	\$1,421,496	\$1,457,033	\$1,493,459
Offsetting Revenue	<u>(\$30,000)</u>	<b><u>(\$20,000)</u></b>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>	<u>(\$20,000)</u>
<b>Total</b>	<b>\$1,490,000</b>	<b>\$1,443,753</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,300,000</b>	<b>\$1,333,000</b>	<b>\$1,366,825</b>	<b>\$1,401,496</b>	<b>\$1,437,033</b>	<b>\$1,473,459</b>
<b>Debt Service</b>											
	\$4,129,192	<b>\$4,265,474</b>	\$4,220,131	\$4,218,770	\$4,217,381	\$2,943,996	\$2,944,500	\$2,945,016	\$2,945,541	\$2,946,080	\$2,946,629
Offsetting Revenue	<u>(\$647,627)</u>	<b><u>(\$1,291,089)</u></b>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>	<u>(\$1,100,000)</u>
	<b>\$3,481,565</b>	<b>\$2,974,385</b>	<b>\$3,120,131</b>	<b>\$3,118,770</b>	<b>\$3,117,381</b>	<b>\$1,843,996</b>	<b>\$1,844,500</b>	<b>\$1,845,016</b>	<b>\$1,845,541</b>	<b>\$1,846,080</b>	<b>\$1,846,629</b>
	<b>\$18,080,616</b>										
<b>Fiscal Year Budget</b>	<b>\$18,080,616</b>	<b>\$18,639,770</b>	<b>\$19,036,642</b>	<b>\$19,439,731</b>	<b>\$19,852,598</b>	<b>\$19,003,513</b>	<b>\$19,471,607</b>	<b>\$19,951,078</b>	<b>\$20,442,201</b>	<b>\$20,945,265</b>	<b>\$21,460,558</b>
Prior YR Budget with 2-1/2% Increase	\$0	<b>\$18,080,616</b>	\$18,532,631	\$18,995,947	\$19,470,846	\$19,957,617	\$20,456,557	\$20,967,971	\$21,492,171	\$22,029,475	\$22,580,212
Proposition 2 1/2 increase		<b>\$452,015</b>	\$463,316	\$474,899	\$486,771	\$498,940	\$511,414	\$524,199	\$537,304	\$550,737	\$564,505
<b>Proposition 2 1/2 Levy Limit</b>		<b>\$18,532,631</b>	\$18,995,947	\$19,470,846	\$19,957,617	\$20,456,557	\$20,967,971	\$21,492,171	\$22,029,475	\$22,580,212	\$23,144,717
New Sewer Connections (New Growth)		<b>\$107,139</b>	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Total Available Revenue		<b>\$18,639,770</b>	<b>\$19,020,947</b>	<b>\$19,495,846</b>	<b>\$19,982,617</b>	<b>\$20,481,557</b>	<b>\$20,992,971</b>	<b>\$21,517,171</b>	<b>\$22,054,475</b>	<b>\$22,605,212</b>	<b>\$23,169,717</b>
<b>Excess/Deficiency</b>		<b>\$0</b>	<b>(\$15,695)</b>	<b>\$31,115</b>	<b>\$105,019</b>	<b>\$1,453,045</b>	<b>\$1,496,365</b>	<b>\$1,541,093</b>	<b>\$1,587,274</b>	<b>\$1,634,947</b>	<b>\$1,684,159</b>

#### Assumptions

2.5% growth in O&M spending including biosolids drying and disposal.

Revenue has been generally stagnant over the past few years with minor adjustments in line items as a result of prior year actuals. The most significant adjustment this year was the addition of energy credit revenue.

Because of the limitations imposed by Proposition 2-1/2, the fluctuations in revenue has been absorbed by the overall budget.

#### Capital Project Information

Capital needs are an important and costly component of a wastewater treatment plant budget.

Each year, the District's capital needs are reviewed and prioritized. Critical needs may be added to the budget by the Executive Director.