

# **ANNUAL BUDGET**

**2021**



Clear Answers for Clean Water<sup>SM</sup>

**September 2020**

***Western Lake Superior Sanitary District***

***Duluth, Minnesota***



## Introduction

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## Western Lake Superior Sanitary District

September 28, 2020

Board of Directors  
Western Lake Superior Sanitary District  
2626 Courtland Street  
Duluth, Minnesota 55806

We are pleased to submit the 2021 budget for the Western Lake Superior Sanitary District. This budget represents a collaborative effort between District staff, District Finance Committee and the District Board in addressing significant issues that impact future O&M expenditures as well as future capital expenditures while attempting to keep rates affordable.

The COVID 19 pandemic has significantly impacted the regional economy. This impact has shown to be particularly difficult for the industrial sector, illustrated by an announced indefinite idle of a significant WLSSD industrial customer. With continued uncertainty regarding COVID 19 on the local economy in 2021, the District has taken several steps to control 2021 wastewater rates. The attached budget includes a significant reduction in both operating and capital spending and increased use of operating reserves. Our entire community has been impacted by the current economic downturn. We have taken these measures in order to keep wastewater rates affordable for all residential, business and industrial customers.

The 2021 budget highlights are as follows:

- The 2021 wastewater budget reflects a 6.68% decrease in wastewater charges. The decrease is comprised of a decrease in O&M expenses, a decrease in the Capital Improvement Fund and a decrease in debt service charges to users. Flows and loadings for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) are all projected to be less than 2020. BOD is down the most significantly at 21.21% less than 2020. Flow is down 10.21% and TSS is down 3.27%. The unit cost for BOD is up 17.91% even with a decrease in expenditures. The unit cost for TSS is down 4.38%, while Flow and Peak flow charges are up 3.27% and 2.08% respectively for 2021.
- The budget includes revised 5-year goals for wastewater costs and rates for 2022 thru 2026.
- The budget continues to provide strong Operations Fund balances.
- The rates maintain the target for debt service fund balance at year-end at 120% or greater.
- The budget includes a revised 10-year capital improvement plan. The capital budget for 2022 is \$4.850 million primarily due to the general replacement

- required in the Wastewater Treatment Plant. The capital plan incorporates the wastewater conveyance and treatment plant master planning processes, which include evaluation work by CDM Smith on interceptors, Donohue and Associates, Inc. on headworks and energy management and Brown and Caldwell (B&C) on the pump stations, as well as the WLSSD capital improvements team.
- The 2021 solid waste budget provides for no increase in either the hauler-collected fee or the line item solid waste management fees.

## **WASTEWATER TREATMENT**

Wastewater charges total \$25.422 million in 2021 reflecting a 6.68% overall decrease.

Flow is budgeted at 10.21% less, Biochemical Oxygen Demand (BOD) is budgeted at 21.21% less and Total Suspended Solids (TSS) loadings is budgeted at 3.27% less than the 2020 budgeted levels. These lower flows and loadings are due to the loss of an industrial customer.

Total charges to municipal customers increased by 0.83% while the industrial customers show a decrease of 12.48%. The O&M unit cost changes show unit rates increasing for flow by 3.27%, peak flow by 2.08%, BOD by 17.91%, and TSS decreasing by 4.38%.

The Operations Fund goal continues to be at 25% of Operations and Maintenance costs for wastewater treatment.

## **SOLID WASTE**

The 2021 budget provides for no increase in either solid waste management fee. The commercial hauler-collected portion of the fee increased by 20% as of January 1, 2015, and the residential line-item fee increased from \$18 to \$25 per year for year-round residences and from \$9 to \$12.50 on seasonal properties as of January 1, 2015. These increases generated sufficient additional revenue to continue current programs with no increase for 2021 needed. The solid waste management fee is used to pay for the District's environmental programs and solid waste planning and management.

Disposal costs for municipal solid waste and mixed waste at the transfer station are subject to annual increases each year based on the Consumer Price Index (CPI). The budget for 2021 reflects the transfer station annual CPI adjustments.

The Operations Fund goal continues to be at 25% of Operations and Maintenance costs for solid waste. A deficit of \$47,193 is budgeted for the solid waste operations in 2021 due to expenditures slightly exceeding budgeted revenue.

## **DISTRICT-WIDE ALLOCATION**

The District-Wide Allocation is used to support the planning and water quality management within District boundaries. The 2021 budget remains unchanged from the 2020 budget total amount of \$355,000.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Marianne Bohren".

Marianne Bohren  
Executive Director

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Cathy A. Remington  
Director of Finance

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Mission / Vision Statement

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### **WLSSD Mission Statement**

The mission of Western Lake Superior Sanitary District (WLSSD) is to plan and provide for the effective and economical collection and treatment of wastewater and to ensure responsible solid waste management through effective planning and oversight, education and customer services in order to

- protect public health and safety;
- preserve and ensure the best use of waters, land, and natural resources;
- prevent, control and abate water and solid waste pollution,

thereby protecting the St. Louis River basin and Lake Superior.

These services will be performed in a manner that exceeds state and federal environmental regulations and with a focus on pollution prevention, waste and toxicity reduction, beneficial reuse and recycling.

### **WLSSD Vision Statement**

WLSSD will be a leader in effective waste management, continuously evolving to reflect the changing needs of its constituents and stakeholders from local to international levels. This will be achieved through effective long-range planning.

WLSSD's services will be delivered in a cost-effective manner, providing value to its users and ensuring the long-term financial viability of District operations. WLSSD will consistently meet or exceed all permit standards. WLSSD will be proactive in seeking and implementing innovative environmental protection strategies that allow the organization to continue as an international leader, especially by pioneering preventive approaches and technologies. Facilities and equipment will be maintained to a standard of excellence. Resources to determine effective treatment and disposal options will be available to all within the District.

WLSSD will be a place where all employees are proud to come to work and express the pride both inside and outside the organization. District employees will work together to achieve the WLSSD vision by focusing on continuous improvement.

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## Dist Summary of Revenues & Expenses

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WESTERN LAKE SUPERIOR SANITARY DISTRICT  
TOTAL DISTRICT SCHEDULE  
OF REVENUES AND EXPENSES

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
MUNICIPALITIES	11,883,098	11,883,098	11,981,392	1 %	1 %
INDUSTRIES	15,302,537	14,835,571	13,408,870	12-	10-
SOLID WASTE	9,921,643	9,543,061	9,979,151	1	5
OPERATING INVEST EARN	201,000	166,725	115,000	43-	31-
DISTRICT-WIDE ALLOC	355,000	355,000	355,000		
GRANTS	374,500	369,228	375,598		2
OTHER	724,500	1,032,524	825,500	14	20-
TOTAL REVENUES	38,762,278	38,185,207	37,040,511	4-%	3-%
PAYROLL					
SALARIES,VAC,HOL,PERS	7,517,126	7,365,548	7,396,802	1.6 %	0.4-%
SICK	247,206	238,972	240,094	3.0	0.5-
OVERTIME	307,692	338,848	290,600	5.9	16.6
OTHER	3,437,853	3,448,957	3,479,267	1.2-	0.9-
TOTAL PAYROLL	11,509,877	11,392,325	11,406,763	0.9 %	0.1-%
NON-PAYROLL					
FUEL OIL	8,000	5,500	6,000	33.3 %	8.3-%
NATURAL GAS	158,324	162,500	130,104	21.7	24.9
SUB TOTAL	166,324	168,000	136,104	22.2 %	23.4 %
ELECTRICITY	2,936,911	2,646,160	2,755,591	6.6 %	4.0-%
OTHER UTIL & FUELS	506,449	487,304	506,805	0.1-	3.8-
SUB TOTAL	3,443,360	3,133,464	3,262,396	5.5 %	4.0-%
REPAIRS	995,000	958,264	681,922	45.9 %	40.5 %
INSURANCE	170,000	170,000	170,000		
SOLID WASTE DISPOSAL	5,240,776	4,936,801	5,312,724	1.4-	7.1-
CONTRACT SERV	1,987,968	2,050,291	1,862,452	6.7	10.1
SUPPLIES	378,115	473,026	361,525	4.6	30.8
CHEMICALS	1,499,080	1,458,880	1,455,805	3.0	0.2
OTHER	1,510,758	1,447,913	1,224,059	23.4	18.3
SUB TOTAL	11,781,697	11,495,175	11,068,487	6.4 %	3.9 %
TOTAL NON-PAYROLL	15,391,381	14,796,639	14,466,987	6.4 %	2.3 %
TOTAL O & M EXPENSES	26,901,258	26,188,964	25,873,750	4.0 %	1.2 %
CAPITAL PROJECTS	3,390,000	3,390,000	3,290,000	3.0 %	3.0 %
INVEST EARN CONSTRUCT	200,000	139,846	105,000	48-%	25-%
INVEST EARN DEBT SERV	350,000	225,000	165,000	53-	27-
TRANSFER STAT CAPITAL	106,035	109,855	106,035		3
DEBT SERVICE	8,944,372	8,944,372	8,467,912	5.6 %	5.6 %
TOTAL EXPENDITURES	38,791,665	38,268,345	37,467,697	3.5 %	2.1 %
NET SURPLUS	29,387-	83,138-	427,186-	1354 %	414 %

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
WASTEWATER TREATMENT SCHEDULE OF  
REVENUES AND EXPENSES

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
MUNICIPALITIES	11,883,098	11,883,098	11,981,392	1 %	1 %
INDUSTRIES	15,302,537	14,835,571	13,408,870	14-	11-
OPERATING INVEST EARN	175,000	145,000	100,000	75-	45-
DISTRICT WIDE ALLOC	355,000	355,000	355,000	0	0
MISCELLANEOUS REV	715,000	1,031,776	825,000	13	25-
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TOTAL REVENUES	28,430,635	28,250,445	26,670,262	7-%	6-%
DIRECT WASTEWATER EXPEN					
CLEAN WATER PRODUCTIO	5,926,859	5,679,948	5,717,656	3.7 %	0.7-%
CONVEYANCE	2,054,791	1,984,877	1,805,789	13.8	9.9
BIOSOLIDS	933,739	891,916	872,232	7.1	2.3
ENV PROG WASTEWATER	275,994	229,802	216,406	27.5	6.2
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SUB TOTAL	9,191,383	8,786,543	8,612,083	6.7 %	2.0 %
ALLOCATED DEPARTMENT EX					
BUSINESS SERVICES	1,696,750	1,688,908	1,658,958	2.3 %	1.8 %
MECHANICAL MAINT	2,105,136	2,115,542	1,968,825	6.9	7.5
ELECTRICAL MAINT	1,304,351	1,366,912	1,229,419	6.1	11.2
PLANNING & ENGINEER	835,293	817,314	934,842	10.6-	12.6-
MANAGEMENT INFO	644,045	683,605	653,838	1.5-	4.6
LAB SERVICES	909,304	965,637	794,381	14.5	21.6
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SUB TOTAL	7,494,879	7,637,918	7,240,263	4 %	5 %
TOTAL O & M EXPENSES	16,686,262	16,424,461	15,852,346	5.3 %	3.6 %
CAPITAL PROJECTS	3,200,000	3,200,000	3,000,000	6.7 %	6.7 %
INVEST EARN CONSTRUC	175,000	126,250	90,000	94-%	40-%
INVEST EARN DEBT SER	350,000	225,000	165,000	112-	36-
DEBT SERVICE	8,944,372	8,944,372	8,467,912	5.6 %	5.6 %
NET SURPLUS	125,001	32,862	394,996-	132 %	108 %

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
SOLID WASTE SCHEDULE OF  
REVENUES AND EXPENSES

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
TIPPING FEES	5,070,812	4,799,520	5,141,213	1 %	7 %
MATERIAL RECOVERY FEES	687,895	572,592	651,600	6-	12
HAULER COLLECTED FEES	2,600,000	2,600,000	2,600,000	0	0
PROPERTY TAX	1,131,226	1,131,001	1,137,038	1	1
OPERATING INVEST EARN	26,000	21,725	15,000	73-	45-
GRANTS	374,500	369,228	375,598	0	2
HHW REVENUES	310,500	304,800	315,800	2	3
YARD WASTE/ORGANICS	121,210	135,148	133,500	9	1-
MISCELLANEOUS	9,500	748	500	1800-	50-
TOTAL REVENUES	10,331,643	9,934,762	10,370,249	0 %	4 %
SOLID WASTE OPERATIONS					
TRANSFER STATION 27TH	4,937,901	4,665,861	5,007,813	1-%	7-%
MATERIALS RECOVERY	1,152,343	1,050,879	1,172,825	1.7-%	10.4-%
ORGANICS COMPOSTING	336,435	335,822	332,859	1.1	0.9
HOUSEHOLD HAZARDOUS	859,527	877,485	866,547	0.8-	1.3
ENVIRONMENTAL PROGRAM	906,739	801,518	816,360	11.1	1.8-
SUB TOTAL	8,192,945	7,731,565	8,196,404		5.7-%
ALLOCATED DEPARTMENT EX					
BUSINESS SERVICES	932,497	928,187	911,727	2.3 %	1.8 %
MECHANICAL MAINT	164,552	165,366	153,897	6.9	7.5
ELECTRICAL MAINT	101,957	106,848	96,100	6.1	11.2
PLANNING & ENGINEER	495,851	485,179	328,458	51.0	47.7
MANAGEMENT INFO	209,039	221,879	212,218	1.5-	4.6
LAB SERVICES	118,158	125,478	122,600	3.6-	2.3
SUB TOTAL	2,022,054	2,032,937	1,825,000	10.8 %	11.4 %
TOTAL O & M EXPENSES	10,214,999	9,764,502	10,021,404	1.9 %	2.6-%
CAPITAL PROJECTS	190,000	190,000	290,000	34.5-%	34.5-%
INVEST EARN CONSTRUCT	25,000	13,596	15,000	67-%	9 %
TRANSFER STA CAPITAL	106,035	109,855	106,035	0	4
NET SURPLUS	154,391-	115,999-	32,190-	380-%	260-%

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
REVENUE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
3000 WWT CHARGE-DULUTH	9,373,756	9,373,756	9,397,598	0 %	0 %
3020 WWT CHARGE-CLOQUET	992,915	992,915	1,006,748	1	1
3040 WWT CHARGE-PROCTOR	322,476	322,476	327,748	2	2
3060 WWT CHARGE-HERMANTOWN	477,916	477,916	511,351	7	7
3080 WWT CHARGE-SCANLON	114,198	114,198	116,873	2	2
3100 WWT CHARGE-THOMSON TWN	141,678	141,678	146,702	3	3
3120 WWT CHARGE-CARLTON	114,545	114,545	113,973	1-	1-
3140 WWT CHARGE-WRENSHALL	21,185	21,185	22,163	4	4
3150 WWT CHARGE-TWIN LAKES	89,385	89,385	92,756	4	4
3160 WWT CHARGE-THOMSON CITY	9,025	9,025	9,371	4	4
3170 WWT CHARGE-OLIVER	17,738	17,738	17,194	3-	3-
3180 WWT CHARGE-JAY COOKE	3,447	3,447	2,759	25-	25-
3190 WWT CHARGE-PIKE LAKE	72,346	72,346	77,323	6	6
3210 WWT CHARGE-NORTH SHORE	46,005	46,005	49,443	7	7
3213 WWT CHARGE-MPCA LANDFIL	11,318	11,318	11,827	4	4
3214 WWT CHARGE-MIDWAY	4,737	4,737	5,050	6	6
3215 WWT CHARGE-KNIFE RIVER	18,730	18,730	20,354	8	8
3220 WWT CHARGE-RICE LAKE	51,698	51,698	52,159	1	1
SUB TOTAL	11,883,098	11,883,098	11,981,392	1 %	1 %
3360 WWT CHARGE-SAPPI	11,171,384	11,525,515	11,685,656	4 %	1 %
3380 WWT CHARGE-USG	498,623	544,251	479,239	4-	14-
3400 WWT CHARGE-VERSO DULUTH	3,363,508	2,573,962	1,018,679	230-	153-
3420 WWT CHARGE-SPEC MINERAL	269,022	191,843	225,296	19-	15
SUB TOTAL	15,302,537	14,835,571	13,408,870	14-%	11-%
3510 WWT CHARGE-PERMITS	0	600	0	0 %	0 %
3520 WWT CHARGE-HAULED WASTE	300,000	505,098	543,000	45	7
3530 CAPACITY AVAILABILITY F	350,000	500,000	250,000	40-	100-
3535 FINANCE CHARGE REVENUE	0	27	0	0	0
3540 BIOSOLIDS REVENUE	35,000	24,371	30,000	17-	19
SUB TOTAL	685,000	1,030,096	823,000	17 %	25-%
3600 TIPPING FEE-DISTRICT	2,895,348	2,582,233	2,939,706	2 %	12 %
3610 TIPPING FEE-SELF HAUL	3,658	2,856	3,715	2	23
3660 TIPPING FEE-CARLTON	793,619	800,773	804,690	1	0
3665 TIPPING FEE-SUPERIOR	436,619	494,474	443,309	2	12-
3675 TIPPING FEE-COOK CTY	279,900	261,071	284,188	2	8
3680 TIPPING FEE-LAKE CTY	420,155	420,032	426,592	2	2
3685 SW PERMITS/LICENSES	2,500	2,150	2,000	25-	8-

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
REVENUE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
3720 ADMIN FEE-DISTRICT	59,425	52,971	59,425	0 %	11 %
3721 ADMIN FEE-CARLTON CTY	23,952	24,160	23,952	0	1-
3722 ADMIN FEE-SUPERIOR	17,900	20,265	17,900	0	13-
3723 ADMIN FEE-COOK CTY	11,475	10,699	11,475	0	7
3724 ADMIN FEE-LAKE CTY	17,225	17,214	17,225	0	0
3725 CAPITAL FEE-DISTRICT	16,800	16,308	16,800	0	3
3726 CAPITAL FEE-CARLTON CTY	19,335	21,281	19,335	0	10-
3727 CAPITAL FEE-SUPERIOR	26,850	30,397	26,850	0	13-
3728 CAPITAL FEE-COOK CTY	17,213	16,049	17,213	0	7
3729 CAPITAL FEE-LAKE CTY	25,838	25,821	25,838	0	0
3730 SW ORDINANCE LATE CHARG	3,000	766	1,000	200-	23
SUB TOTAL	5,070,812	4,799,520	5,141,213	1 %	7 %
3630 MRC-DEMO, MIXED WASTE	687,895	572,592	651,600	6-%	12 %
SUB TOTAL	687,895	572,592	651,600	6-%	12 %
3690 SERV FEE-DISTRICT	2,515,000	2,515,000	2,515,000	0 %	0 %
3695 SERV FEE-CARLTON OUT	10,000	10,000	10,000	0	0
3698 SERV FEE-OTHER	75,000	75,000	75,000	0	0
SUB TOTAL	2,600,000	2,600,000	2,600,000	0 %	0 %
3801 PROPERTY TAX-ST LOUIS C	939,588	939,363	944,150	0 %	1 %
3802 PROPERTY TAX-CARLTON CT	191,638	191,638	192,888	1	1
SUB TOTAL	1,131,226	1,131,001	1,137,038	1 %	1 %
3700 INVESTMENT EARNINGS	201,000	166,725	115,000	75-%	45-%
3701 INVESTMENT EARN-CONST	200,000	139,846	105,000	90-	33-
3702 INVESTMENT EARN-DS	350,000	225,000	165,000	112-	36-
SUBTOTAL	751,000	531,571	385,000	95-%	38-%
3800 DISTRICT-WIDE	355,000	355,000	355,000	0 %	0 %
3850 CAPITAL CONTRIBUTIONS	0	180	0	0	0
3944 FINANCE CHARGE REVENUE	500	642	500	0	28-
3950 MISCELLANEOUS	2,000	1,606	2,000	0	20
SUB TOTAL	357,500	357,428	357,500	0 %	0 %
3900 HHW-STATE GRANT	68,000	69,228	69,500	2 %	0 %
3650 HHW CONTRACT-REGIONAL	120,000	117,300	119,800	0	2
3641 HHW REV-BATTERIES	1,000	1,000	1,000	0	0
3642 HHW FEES-VSQG	13,500	19,000	19,000	29	0
3643 HHW FEES-PAINT CARE	165,000	160,000	165,000	0	3
3645 HHW FEES-MISCELLANEOUS	11,000	7,500	11,000	0	32
SUBTOTAL	378,500	374,028	385,300	2 %	3 %

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
REVENUE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
3910 GRANTS-MISCELLANEOUS	6,500	0	7,500	13 %	100 %
SUBTOTAL	6,500	0	7,500	13 %	100 %
3890 RECYCLING STATE GRANT-SCORE	300,000	300,000	298,598	0 %	0 %
SUBTOTAL	300,000	300,000	298,598	0 %	0 %
3637 YARD WASTE REVENUE	121,210	135,148	133,500	9 %	1-%
SUBTOTAL	121,210	135,148	133,500	9 %	1-%
3830 PERA REBATE	37,000	0	0	0 %	0 %
TOTAL	39,312,278	38,550,053	37,310,511	5-%	3-%

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
EXPENSE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
4010 DIRECT WAGES	6,553,771	6,419,265	6,440,671	2 %	0 %
4020 SUNDAY PREMIUM	57,073	55,517	55,142	4	1
4030 HOLIDAY PREMIUM	9,876	9,604	9,543	3	1
4040 SHIFT	13,876	15,306	13,085	6	17
4050 VACATION	532,070	521,304	531,592	0	2-
4060 HOLIDAY	262,844	258,414	260,077	1	1-
4070 PERSONAL LEAVE	87,616	86,138	86,692	1	1-
4080 SICK	247,206	238,972	240,094	3	0
SUB TOTAL	7,764,332	7,604,520	7,636,896	2 %	0 %
4090 OVERTIME	307,692	338,848	290,600	6 %	17 %
SUB TOTAL	8,072,024	7,943,368	7,927,496	2 %	0 %
4200 EMPLOYERS FICA	500,542	494,628	492,387	2 %	0 %
4210 EMPLOYERS FICA/MEDIC	117,451	115,679	115,414	2	0
4220 EMPLOYERS PERA	607,232	597,920	596,694	2	0
4240 GROUP HOSPITAL/MED	1,857,498	1,879,489	1,917,216	3-	2-
4260 GROUP DENTAL	85,918	87,311	84,486	2	3
4280 GROUP LIFE	9,730	9,898	9,938	2-	0
4300 LONG-TERM DISABILITY	21,482	21,032	21,132	2	0
4340 WORKERS COMPENSATION	190,000	185,000	190,000	0	3-
4350 UNEMPLOYMENT COMP	20,000	30,000	20,000	0	50
4390 OTHER BENEFITS	28,000	28,000	32,000	13-	13-
SUB TOTAL	3,437,853	3,448,957	3,479,267	1-%	1-%
TOTAL PAYROLL	11,509,877	11,392,325	11,406,763	1 %	0 %
4520 CONTRACT CLEANING	79,805	82,805	79,805	0 %	4 %
4800 FUEL-FUEL OIL	8,000	5,500	6,000	33	8-
4820 FUEL-NATURAL GAS	158,324	162,500	130,104	22	25
5000 ELECTRICITY	2,936,911	2,646,160	2,755,591	7	4-
5200 TELEPHONE	38,402	42,133	42,640	10-	1-
5210 TELEMETER	165,610	158,770	154,220	7	3
5220 GASOLINE	24,000	20,000	20,250	19	1-
5230 DIESEL	111,381	86,800	88,136	26	2-
5240 WATER	154,662	167,207	187,772	18-	11-
5241 STORM WATER FEE	12,394	12,394	13,787	10-	10-
5510 INVOICE TOLERANCE	0	81	0	0	0
5512 INVOICE MATCH WRITE-OFF	0	7,690	0	0	0
5520 REPAIRS-MAINTENANCE	725,000	690,000	618,000	17	12
5525 INVENTORY ADJUSTMENTS	0	3,365	0	0	0
5530 INVENTORY COST VARIANCE	0	1,128	0	0	0
5570 REPAIRS-INTERCEPTORS	20,000	31,000	20,000	0	55
5580 CLEAN-INTERCEPTORS	250,000	225,000	43,922	469	412
5701 SOLID WASTE DISPOSAL	4,029,207	3,815,739	4,085,413	1-	7-
5702 SOLID WASTE DISPOSAL-MR	165,867	154,988	168,408	2-	8-
5703 TR STA OPERATION AND TR	801,557	747,024	818,273	2-	9-
5704 SOLID WASTE HAULING-MRC	182,000	160,000	182,000	0	12-
5705 ANNUAL UNACCEPTABLE INC	10,000	10,000	10,000	0	0

WESTERN LAKE SUPERIOR SANITARY DISTRICT  
EXPENSE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
5706 SOLID WASTE DISPOSAL-CO	2,500	2,500	2,500	0 %	0 %
5710 GRIT DISPOSALS	11,845	12,000	13,030	9-	8-
5790 CONT SERV-DISP HOUSEHOL	30,000	30,000	30,000	0	0
5791 CONT SERV-DISP MEDICAL	2,000	1,500	1,500	33	0
5792 CONT SERV-DISP PHARMACE	1,000	0	100	900	100-
5793 CONT SERV-DISP OIL & FI	1,300	650	0	0	0
5794 CONT SERV-DISP ORGANICS	1,000	1,500	1,500	33-	0
5795 CONT SERV-DISP ORGANICS	2,500	900	0	0	0
5800 CONT SERV-ELECTRICAL	35,000	64,440	30,000	17	115
5805 CONT SERV-BIOFILTER	12,000	15,000	0	0	0
5806 CONT SERV-BAGGING	13,000	13,875	14,000	7-	1-
5807 CONT SERV-WOOD GRINDING	23,000	32,000	30,000	23-	7
5808 CONT SERV-SNOW PLOWING	23,000	23,000	23,000	0	0
5812 CONT SERV-DISP MATRESSE	48,600	42,000	60,000	19-	30-
5813 CONT SERV-DISP ELECTRON	102,000	87,000	102,000	0	15-
5814 CONT SERV-DISP FLUORESC	19,000	19,000	20,000	5-	5-
5815 CONT SERV-DISP TIRE	31,500	32,500	32,500	3-	0
5816 CONT SERV-DISP LOCAL	74,000	110,000	75,000	1-	47
5817 CONT SERV-DISP COUNTY	46,000	50,000	60,000	23-	17-
5818 CONT SERV-RECY SHEDS	95,500	76,000	85,800	11	11-
5819 CONT SERV-DISP PAINT CA	123,000	130,000	125,000	2-	4
5820 CONT SERV-O/M PLANT	120,000	120,000	100,000	20	20
5835 CONT SERV-GENERATORS	33,000	45,000	33,000	0	36
5840 CONT SERV-O/M MOBILE	162,000	160,000	130,000	25	23
5852 CONT SERV-FIELD WORK	8,000	2,000	2,000	300	0
5860 CONT SERV-OTHER	472,527	506,002	378,578	25	34
5868 CONT SERV-HARDWARE MAIN	31,213	40,095	64,475	52-	38-
5870 CONT SERV-DP MAINT	326,673	338,524	353,244	8-	4-
5871 CONT SERV-MOBILE DEVICE	4,000	3,900	3,900	3	0
5875 CONT SERV-SERV FEE	45,650	45,650	45,650	0	0
5880 CONT SERV-AD AGENCY	18,500	10,500	13,500	37	22-
5900 CONT SERV-ENFORCEMENT	1,000	1,000	1,000	0	0
5950 WASTE SORT	40,000	0	0	0	0
6000 SUPPLIES-BUILDING	28,200	24,935	28,200	0	12-
6010 SUPPLIES-EQUIPMENT	152,665	198,173	142,675	7	39
6040 SUPPLIES-LAB	35,000	38,500	35,000	0	10
6050 SUPPLIES-LUBE	14,000	14,000	15,500	10-	10-
6060 SUPPLIES-MAINTENANCE	50,000	68,313	50,000	0	37
6070 SUPPLIES-OFFICE	6,600	6,671	6,100	8	9
6090 SUPPLIES-OTHER	41,850	54,580	47,750	12-	14
6110 SUPPLIES-SAFETY	10,800	9,648	8,300	30	16
6120 SUPPLIES-SITE	4,000	4,000	4,000	0	0
6125 SUPPLIES-SOFTWARE	15,000	31,988	5,000	200	540
6130 SUPPLIES-TOOLS	20,000	22,218	19,000	5	17
6300 CHEMICALS-GENERAL	36,640	34,000	30,524	20	11
6315 CHEMICALS-LIQUID OXYGEN	33,957	10,000	11,239	202	11-
6320 CHEMICALS-SODIUM HYPOCH	455,116	416,830	425,371	7	2-
6330 CHEMICALS-POLYMER-THICK	140,735	125,089	101,601	39	23
6335 CHEMICALS-POLYMER-DEWAT	668,221	639,847	666,163	0	4-
6360 CHEMICALS-BOILER	1,000	1,114	2,000	50-	44-
6370 CHEMICALS-DEFOAMANT	32,355	30,000	33,048	2-	9-
6410 CHEMICALS-SODIUM BISULF	2,221	2,000	2,221	0	10-
6420 CHEMICALS-FERRIC CHLORI	128,835	200,000	183,638	30-	9



WESTERN LAKE SUPERIOR SANITARY DISTRICT  
EXPENSE STATEMENT

DESCRIPTION	BUDGET 2020	ESTIMATE 2020	BUDGET 2021	% CHNG BUDG 21/ BUDG 20	% CHNG BUDG 21/ EST 20
6560 INSURANCE-PROPERTY	170,000	170,000	170,000	0 %	0 %
6700 LEGAL	151,000	176,000	151,000	0	17
6750 AUDIT	32,360	32,360	33,300	3-	3-
6900 SAFETY PROGRAM	89,374	110,000	80,339	11	37
6905 TRAINING-MATERIALS	500	0	500	0	100-
6910 TRAINING EXPENSES	81,949	46,700	49,134	67	5-
6930 PERSONNEL	12,500	10,000	5,000	150	100
6940 LICENSE REIMBURSEMENT	1,000	1,086	1,000	0	9
6950 TUITION REIMBURSEMENT	6,000	4,000	4,000	50	0
7000 OTHER SPEC SERV	86,100	85,000	66,100	30	29
7010 BOARD MEMBERS COMP	18,500	12,500	12,500	48	0
7020 PUBLIC INFORMATION	28,926	27,650	27,726	4	0
7030 PUBLIC INFO-RECYCLING	66,725	65,000	65,725	2	1-
7040 PUBLIC INFO-HHW	26,750	19,000	26,750	0	29-
7200 EASEMENTS	18,000	20,000	20,000	10-	0
7210 RENT-EQUIPMENT	40,400	39,000	40,000	1	3-
7220 RENT-MOTOR VEHICLE	0	813	1,000	100-	19-
7300 MEETING EXPENSES	6,250	5,000	2,500	150	100
7400 TRAVEL	4,100	2,334	1,500	173	56
7800 LAUNDRY	29,612	28,740	28,648	3	0
7810 ENGINEERING SERVICE	83,347	68,250	69,847	19	2-
7820 LAB SERVICES	105,000	105,000	100,000	5	5
7900 SOLID WASTE MANAGEMENT	200,000	200,000	0	0	0
8000 DUES	38,190	38,576	39,390	3-	2-
8010 PUBLICATIONS	5,075	5,605	4,800	6	17
8020 PERMITS	56,000	54,100	63,000	11-	14-
8200 POSTAGE	16,900	12,900	13,250	28	3-
8210 COPYING & PRINTING	55,200	48,473	46,300	19	5
8250 DISCOUNTS	0	1,524-	0	0	0
8500 BANK SERVICE CHARGES	350	350	350	0	0
8600 GRANTS TO GOV UNITS	209,000	200,750	226,000	8-	11-
8620 PROGRAM DEVELOPMENT	41,650	30,250	44,400	6-	32-
TOTAL NON-PAYROLL	15,391,381	14,796,639	14,466,987	6 %	2 %
9022 INTEREST EXP-WWT-DS	742,821	742,821	666,330	11 %	11 %
9200 DEPREC-FURNITURE	17,647	17,647	15,730	12	12
9210 DEPREC-EQUIPMENT	77,511	77,511	91,173	15-	15-
9220 DEPREC-COMPUTER	85,112	85,112	117,887	28-	28-
9230 DEPREC-BUILDING	119,593	119,593	118,541	1	1
9240 DEPREC-IMPROVEMENTS	10,061,142	10,061,142	8,322,150	21	21
9260 DEPREC-MOTOR VEHICLE	106,013	106,013	125,580	16-	16-
TOTAL NON-OPERATING EXP	11,209,839	11,209,839	9,457,391	19 %	19 %
TOTAL EXPENSES	38,111,097	37,398,803	35,331,141	8 %	6 %

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## Wastewater Charges

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**WORKSHEET TO DETERMINE BUSINESS/TECHNICAL ALLOCATIONS**  
**BUDGET 2021**

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**2021 Budget  
Wastewater Unit Costs**

	BUDGET 2020	BUDGET 2021	% CHANGE
<u>VOLUME</u>			
FLOW (MGD)	36.23	32.53	-10.21%
BOD (LBS/DAY)	77,799	61,299	-21.21%
SUSPENDED SOLIDS (LBS/DAY)	38,201	36,951	-3.27%
<u>O &amp; M UNIT COSTS</u>			
FLOW (COST/1000 GAL)	\$0.5768	\$0.5957	3.27%
PEAK FLOW	\$0.0426	\$0.0435	2.08%
BOD (COST/LB)	\$0.1721	\$0.2030	17.91%
SUSPENDED SOLIDS (COST/LB)	\$0.3502	\$0.3349	-4.38%
<u>O &amp; M + DEBT SERVICE UNIT COSTS</u>			
FLOW (COST/1000 GAL)	\$0.7691	\$0.8019	4.26%
PEAK FLOW	\$0.0982	\$0.0990	0.85%
BOD (COST/LB)	\$0.2374	\$0.2539	6.93%
SUSPENDED SOLIDS (COST/LB)	\$0.4319	\$0.3968	-8.12%
DOMESTIC EQUIV (COST/1000GAL)	\$1.9836	\$1.9862	0.13%

**2021 Budget  
Wastewater Treatment Charges**

	BUDGET 2020	BUDGET 2021	INCREASE (DECREASE)	% CHANGE
DULUTH	\$9,373,756	\$9,397,598	\$23,842	0.25%
CLOQUET	\$992,915	\$1,006,748	\$13,833	1.39%
PROCTOR	\$322,476	\$327,748	\$5,272	1.63%
HERMANTOWN	\$477,916	\$511,351	\$33,435	7.00%
ESKO	\$141,678	\$146,702	\$5,024	3.55%
SCANLON	\$114,198	\$116,873	\$2,675	2.34%
CARLTON	\$114,545	\$113,973	-\$572	-0.50%
RICE LAKE	\$51,698	\$52,159	\$461	0.89%
TWIN LAKE	\$89,385	\$92,756	\$3,371	3.77%
PIKE LAKE	\$72,346	\$77,323	\$4,977	6.88%
KNIFE RIVER	\$18,730	\$20,354	\$1,624	8.67%
OLIVER	\$17,738	\$17,194	-\$544	-3.07%
THOMSON	\$9,025	\$9,371	\$345	3.83%
WRENSHALL	\$21,185	\$22,163	\$978	4.62%
JAY COOKE	\$3,447	\$2,759	-\$688	-19.96%
MIDWAY	\$4,737	\$5,050	\$313	6.60%
MPCA LANDFILL	\$11,318	\$11,827	\$509	4.50%
DULUTH/NORTH SHORE	\$46,005	\$49,443	\$3,439	7.47%
SUBTOTAL	\$11,883,098	\$11,981,391	\$98,293	0.83%
SAPPI	\$11,171,384	\$11,685,656	\$514,272	4.60%
GEORGIA PACIFIC DEBT SERV ONLY	\$55,628	\$32,088	-\$23,539	-42.32%
USG	\$498,623	\$479,239	-\$19,385	-3.89%
VERSO	\$3,363,508	\$1,018,679	-\$2,344,829	-69.71%
SPECIALTY MINERALS	\$269,022	\$225,296	-\$43,725	-16.25%
SUBTOTAL	\$15,358,165	\$13,440,958	-\$1,917,208	-12.48%
TOTAL DISTRICT	\$27,241,263	\$25,422,349	-\$1,818,915	-6.68%

**2021 Budget  
Wastewater Treatment Charges**

	BUDGET 2020	BUDGET 2021	INCREASE (DECREASE)	% CHANGE
DULUTH	\$9,373,756	\$9,397,598	\$23,842	0.25%
CLOQUET	\$992,915	\$1,006,748	\$13,833	1.39%
PROCTOR	\$322,476	\$327,748	\$5,272	1.63%
HERMANTOWN	\$477,916	\$511,351	\$33,435	7.00%
ESKO	\$141,678	\$146,702	\$5,024	3.55%
SCANLON	\$114,198	\$116,873	\$2,675	2.34%
CARLTON	\$114,545	\$113,973	-\$572	-0.50%
RICE LAKE	\$51,698	\$52,159	\$461	0.89%
TWIN LAKE	\$89,385	\$92,756	\$3,371	3.77%
PIKE LAKE	\$72,346	\$77,323	\$4,977	6.88%
KNIFE RIVER	\$18,730	\$20,354	\$1,624	8.67%
OLIVER	\$17,738	\$17,194	-\$544	-3.07%
THOMSON	\$9,025	\$9,371	\$345	3.83%
WRENSHALL	\$21,185	\$22,163	\$978	4.62%
JAY COOKE	\$3,447	\$2,759	-\$688	-19.96%
MIDWAY	\$4,737	\$5,050	\$313	6.60%
MPCA LANDFILL	\$11,318	\$11,827	\$509	4.50%
DULUTH/NS	\$46,005	\$49,443	\$3,439	7.47%
SUBTOTAL	\$11,883,098	\$11,981,391	\$98,293	0.83%
	<b><u>Billed Estimate</u></b>			
SAPPI	\$11,525,515	\$11,685,656	\$160,141	1.39%
GEORGIA PACIFIC DEBT SERV ONLY	\$55,628	\$32,088	-\$23,539	-42.32%
USG	\$544,251	\$479,239	-\$65,013	-11.95%
VERSO	\$2,573,962	\$1,018,679	-\$1,555,283	-60.42%
SPECIALTY MINERALS	\$191,843	\$225,296	\$33,454	17.44%
SUBTOTAL	\$14,891,199	\$13,440,958	-\$1,450,242	-9.74%
TOTAL DISTRICT	\$26,774,297	\$25,422,349	-\$1,351,949	-5.05%

**2021 Budget  
O&M Cost Comparison**

	BUDGET 2020	BUDGET 2021	INCREASE (DECREASE)	% CHANGE
DULUTH	\$6,062,566	\$6,220,486	\$157,920	2.60%
CLOQUET	\$708,894	\$722,785	\$13,891	1.96%
PROCTOR	\$219,484	\$225,499	\$6,016	2.74%
HERMANTOWN	\$359,540	\$371,011	\$11,471	3.19%
ESKO	\$102,607	\$105,358	\$2,751	2.68%
SCANLON	\$90,320	\$93,100	\$2,780	3.08%
CARLTON	\$71,761	\$73,712	\$1,951	2.72%
RICE LAKE	\$34,404	\$35,440	\$1,036	3.01%
TWIN LAKE	\$69,045	\$71,401	\$2,356	3.41%
PIKE LAKE	\$54,924	\$56,600	\$1,676	3.05%
KNIFE RIVER	\$13,371	\$13,766	\$396	2.96%
OLIVER	\$12,188	\$12,559	\$371	3.04%
THOMSON	\$5,861	\$6,036	\$175	2.99%
WRENSHALL	\$14,940	\$15,395	\$455	3.04%
JAY COOKE	\$1,182	\$1,217	\$35	2.98%
MIDWAY	\$1,811	\$1,890	\$79	4.34%
MPCA LANDFILL	\$2,271	\$2,329	\$58	2.55%
DULUTH/NORTH SHORE	\$30,472	\$31,373	\$901	2.96%
SUBTOTAL	\$7,855,640	\$8,059,957	\$204,317	2.60%
SAPPI	\$7,921,319	\$8,428,454	\$507,135	6.40%
USG	\$264,781	\$279,396	\$14,616	5.52%
VERSO	\$2,042,311	\$0	-\$2,042,311	-100.00%
SPECIALTY MINERALS	\$157,212	\$154,542	-\$2,670	-1.70%
SUBTOTAL	\$10,385,623	\$8,862,391	-\$1,523,231	-14.67%
TOTAL DISTRICT	\$18,241,263	\$16,922,349	-\$1,318,915	-7.23%

**2021 Budget  
Debt Service Costs**

	BUDGET 2020	BUDGET 2021	INCREASE (DECREASE)	% CHANGE
DULUTH	\$3,311,190	\$3,177,112	(\$134,078)	-4.05%
CLOQUET	\$284,021	\$283,962	(\$58)	-0.02%
PROCTOR	\$102,993	\$102,249	(\$744)	-0.72%
HERMANTOWN	\$118,375	\$140,340	\$21,964	18.55%
ESKO	\$39,071	\$41,344	\$2,273	5.82%
SCANLON	\$23,878	\$23,773	(\$105)	-0.44%
CARLTON	\$42,784	\$40,261	(\$2,523)	-5.90%
RICE LAKE	\$17,293	\$16,718	(\$575)	-3.32%
TWIN LAKE	\$20,340	\$21,355	\$1,015	4.99%
PIKE LAKE	\$17,422	\$20,723	\$3,301	18.95%
KNIFE RIVER	\$5,360	\$6,588	\$1,228	22.92%
OLIVER	\$5,550	\$4,635	(\$915)	-16.48%
THOMSON	\$3,164	\$3,334	\$170	5.38%
WRENSHALL	\$6,246	\$6,769	\$523	8.37%
JAY COOKE	\$2,265	\$1,542	(\$723)	-31.93%
MIDWAY	\$2,926	\$3,160	\$234	8.01%
MPCA LANDFILL	\$9,047	\$9,498	\$451	4.99%
DULUTH/NORTH SHORE SUBTOTAL	\$15,532 \$4,027,458	\$18,070 \$3,921,434	\$2,538 (\$106,024)	16.34% -2.63%
SAPPI	\$3,250,065	\$3,257,202	\$7,137	0.22%
GEORGIA PACIFIC DEBT SERV ONLY	\$55,628	\$32,088	(\$23,539)	-42.32%
USG	\$233,843	\$199,842	(\$34,000)	-14.54%
VERSO	\$1,321,197	\$1,018,679	(\$302,518)	-22.90%
SPECIALTY MINERALS SUBTOTAL	\$111,810 \$4,972,542	\$70,755 \$4,578,566	(\$41,055) (\$393,976)	-36.72% -7.92%
TOTAL DISTRICT	\$9,000,000	\$8,500,000	(\$500,000)	-5.56%

**WLSSD 2021 BUDGETED FLOWS AND LOADINGS  
FLOW (MGD)**

	<b>BUDGET 2020</b>	<b>ESTIMATE 2020</b>	<b>BUDGET 2021</b>
DULUTH	12.700	12.736	12.700
CLOQUET	1.150	1.131	1.150
HERMANTOWN	0.650	0.648	0.650
PROCTOR	0.450	0.433	0.450
ESKO (Includes Helb/Lars)	0.2062	0.212	0.2062
SCANLON	0.169	0.168	0.169
CARLTON	0.150	0.156	0.150
THOMSON (City only)	0.010	0.009	0.010
TWIN LAKES	0.070	0.036	0.070
RICE LAKE	0.060	0.060	0.060
OLIVER	0.022	0.019	0.022
PIKE LAKE	0.100	0.086	0.100
KNIFE RIVER	0.022	0.019	0.022
MPCA LANDFILL	0.002	0.008	0.002
WRENSHALL	0.027	0.029	0.027
JAY COOKE	0.002	0.002	0.002
BUFFALO/MIDWAY	0.0030	0.003	0.0030
DULUTH/NORTH SHORE	0.050	0.048	0.050
<b>MUNICIPAL SUBTOTAL</b>	<b>15.843</b>	<b>15.805</b>	<b>15.843</b>
SAPPI	16.000	15.443	16.000
USG	0.450	0.494	0.450
VERSO DULUTH MILL	3.700	2.331	0.000
SPECIALTY MINERALS	0.240	0.223	0.240
<b>INDUSTRIAL SUBTOTAL</b>	<b>20.390</b>	<b>18.490</b>	<b>16.690</b>
<b>TOTAL FLOW</b>	<b>36.233</b>	<b>34.296</b>	<b>32.533</b>

**WLSSD 2021 BUDGETED FLOWS AND LOADINGS  
BOD (LBS/DAY)**

	<b>BUDGET 2020</b>	<b>ESTIMATE 2020</b>	<b>BUDGET 2021</b>
DULUTH	13,100	13,663	13,100
CLOQUET	1,717	1,635	1,717
HERMANTOWN	1,150	1,100	1,150
PROCTOR	530	488	530
ESKO (Includes Helb/Lars)	263	263	263
SCANLON	282	280	282
CARLTON	160	160	160
THOMSON (City only)	17	15	17
TWIN LAKES	292	126	292
RICE LAKE	100	100	100
OLIVER	37	32	37
PIKE LAKE	167	143	167
KNIFE RIVER	37	32	37
MPCA LANDFILL	3	2	3
WRENSHALL	45	48	45
JAY COOKE	3	4	3
BUFFALO/MIDWAY	8	7	8
DULUTH/NORTH SHORE	83	79	83
<b>MUNICIPAL SUBTOTAL</b>	<b>17,993</b>	<b>18,178</b>	<b>17,993</b>
SAPPI	42,000	42,254	42,000
USG	1,300	1,305	1,300
VERSO DULUTH MILL	16,500	7,737	0
SPECIALTY MINERALS	6	6	6
<b>INDUSTRIAL SUBTOTAL</b>	<b>59,806</b>	<b>51,301</b>	<b>43,306</b>
<b>TOTAL BOD</b>	<b>77,799</b>	<b>69,479</b>	<b>61,299</b>

**WLSSD 2021 BUDGETED FLOWS AND LOADINGS  
SUSPENDED SOLIDS (LBS/DAY)**

	BUDGET 2020	ESTIMATE 2020	BUDGET 2021
DULUTH	15,800	17,998	15,800
CLOQUET	2,522	2,548	2,522
HERMANTOWN	1,100	1,118	1,100
PROCTOR	600	614	600
ESKO	305	305	305
(Includes Helb/Lars)			
SCANLON	282	280	282
CARLTON	183	183	183
THOMSON (City only)	17	15	17
TWIN LAKES	262	117	262
RICE LAKE	100	100	100
OLIVER	37	32	37
PIKE LAKE	167	143	167
KNIFE RIVER	37	32	37
MPCA LANDFILL	3	2	3
WRENSHALL	45	48	45
JAY COOKE	3	4	3
BUFFALO/MIDWAY	5	5	5
DULUTH/NORTH SHORE	83	79	83
MUNICIPAL SUBTOTAL	21,551	23,623	21,551
SAPPI	14,000	17,563	14,000
USG	600	883	600
VERSO DULUTH MILL	1,250	1,635	0
SPECIALTY MINERALS	800	225	800
INDUSTRIAL SUBTOTAL	16,650	20,305	15,400
TOTAL DISTRICT	38,201	43,929	36,951



## Wastewater Cost of Service Model

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	BUDGET 2020 O&M	BUDGET 2020 DEBT SERV	BUDGET 2020 TOTAL	BUDGET 2021 O&M	BUDGET 2021 DEBT SERV	BUDGET 2021 TOTAL	% INCREASE
DULUTH	\$ 6,062,566	\$ 3,311,190	\$ 9,373,756	\$ 6,220,486	\$ 3,177,112	\$ 9,397,598	0.25%
CLOQUET	\$ 708,894	\$ 284,021	\$ 992,915	\$ 722,785	\$ 283,962	\$ 1,006,748	1.39%
PROCTOR	\$ 219,484	\$ 102,993	\$ 322,476	\$ 225,499	\$ 102,249	\$ 327,748	1.63%
HERMANTOWN	\$ 359,540	\$ 118,375	\$ 477,916	\$ 371,011	\$ 140,340	\$ 511,351	7.00%
ESKO	\$ 102,607	\$ 39,071	\$ 141,678	\$ 105,358	\$ 41,344	\$ 146,702	3.55%
SCANLON	\$ 90,320	\$ 23,878	\$ 114,198	\$ 93,100	\$ 23,773	\$ 116,873	2.34%
CARLTON	\$ 71,761	\$ 42,784	\$ 114,545	\$ 73,712	\$ 40,261	\$ 113,973	-0.50%
RICE LAKE	\$ 34,404	\$ 17,293	\$ 51,698	\$ 35,440	\$ 16,718	\$ 52,159	0.89%
TWIN LAKE	\$ 69,045	\$ 20,340	\$ 89,385	\$ 71,401	\$ 21,355	\$ 92,756	3.77%
PIKE LAKE	\$ 54,924	\$ 17,422	\$ 72,346	\$ 56,600	\$ 20,723	\$ 77,323	6.88%
KNIFE RIVER	\$ 13,371	\$ 5,360	\$ 18,730	\$ 13,766	\$ 6,588	\$ 20,354	8.67%
OLIVER	\$ 12,188	\$ 5,550	\$ 17,738	\$ 12,559	\$ 4,635	\$ 17,194	-3.07%
THOMSON	\$ 5,861	\$ 3,164	\$ 9,025	\$ 6,036	\$ 3,334	\$ 9,371	3.83%
WRENSHALL	\$ 14,940	\$ 6,246	\$ 21,185	\$ 15,395	\$ 6,769	\$ 22,163	4.62%
JAY COOKE	\$ 1,182	\$ 2,265	\$ 3,447	\$ 1,217	\$ 1,542	\$ 2,759	-19.96%
MIDWAY	\$ 1,811	\$ 2,926	\$ 4,737	\$ 1,890	\$ 3,160	\$ 5,050	6.60%
MPCA LANDFILL	\$ 2,271	\$ 9,047	\$ 11,318	\$ 2,329	\$ 9,498	\$ 11,827	4.50%
DULUTH/NORTH SHORE	\$ 30,472	\$ 15,532	\$ 46,005	\$ 31,373	\$ 18,070	\$ 49,443	7.47%
SUBTOTAL	\$ 7,855,640	\$ 4,027,458	\$ 11,883,098	\$ 8,059,957	\$ 3,921,434	\$ 11,981,391	0.83%
SAPPI	\$ 7,921,319	\$ 3,250,065	\$ 11,171,384	\$ 8,428,454	\$ 3,257,202	\$ 11,685,656	4.60%
GEORGIA PACIFIC	\$ -	\$ 55,628	\$ 55,628	\$ -	\$ 32,088	\$ 32,088	-42.32%
USG	\$ 264,781	\$ 233,843	\$ 498,623	\$ 279,396	\$ 199,842	\$ 479,239	-3.89%
VERSO	\$ 2,042,311	\$ 1,321,197	\$ 3,363,508	\$ -	\$ 1,018,679	\$ 1,018,679	-69.71%
SPECIALTY MINERALS	\$ 157,212	\$ 111,810	\$ 269,022	\$ 154,542	\$ 70,755	\$ 225,296	-16.25%
SUBTOTAL	\$ 10,385,623	\$ 4,972,542	\$ 15,358,165	\$ 8,862,391	\$ 4,578,566	\$ 13,440,958	-12.48%
TOTAL	\$ 18,241,263	\$ 9,000,000	\$ 27,241,263	\$ 16,922,349	\$ 8,500,000	\$ 25,422,349	-6.68%

Table 5  
 USER'S WASTEWATER FLOW AND STRENGTH CHARACTERISTICS  
 Flow and Strength Characteristics  
 Western Lake Superior Sanitary District  
 2021 Budget

		Base Flow		Peak Flow		BOD		TSS	
Line No.	Class of Service	Actual (Mgd)	Allocated (Mgd)	Actual (Mgd)	Allocated (Mgd)	Actual (Lbs./Day)	Allocated (Lbs./Day)	Actual (Lbs./Day)	Allocated (Lbs./Day)
	<b>Municipalities:</b>								
1	Duluth	12.700	17.325	47.800	47.800	13,100	15,500	15,800	23,000
2	Cloquet	1.150	1.470	3.495	3.495	1,717	2,010	2,522	3,450
3	Proctor	0.450	0.604	1.398	1.398	530	592	600	700
4	Hermantown	0.650	0.760	1.282	1.282	1,150	1,600	1,100	1,600
5	Esko	0.206	0.240	0.443	0.443	263	320	305	420
6	Scanlon	0.169	0.160	0.233	0.233	282	262	282	262
7	Carlton	0.150	0.270	0.583	0.583	160	157	183	205
8	Rice Lake	0.060	0.080	0.233	0.233	100	125	100	125
9	Twin Lake	0.070	0.090	0.233	0.233	292	280	262	280
10	Pike Lake	0.100	0.110	0.233	0.233	167	185	167	185
11	Knife River	0.022	0.027	0.134	0.134	37	46	37	46
12	Oliver	0.022	0.024	0.058	0.058	37	41	37	41
13	Thomson	0.010	0.015	0.047	0.047	17	24	17	24
14	Wrenshall	0.027	0.042	0.070	0.070	45	69	45	69
15	Jay Cooke	0.002	0.005	0.010	0.010	3	8	3	8
16	Midway	0.003	0.004	0.007	0.007	8	8	5	8
17	MPCA Landfill	0.002	0.042	0.080	0.080	3	70	3	70
18	Unused	0.000	0.000	0.000	0.000	0	0	0	0
19	North Shore	0.050	0.075	0.310	0.310	83	125	83	125
20	Totals-Municipalities	15.843	21.343	56.649	56.649	17,993	21,422	21,551	30,618
	<b>Industrials:</b>								
21	Unused	0.000	0.000	0.000	0.000	0	0	0	0
22	SAPPI	16.000	16.250	24.000	24.000	42,000	56,000	14,000	25,000
23	Verso Duluth Mill	0.000	5.500	0.000	8.000	0	28,758	0	2,700
24	USG	0.450	0.580	1.200	1.200	1,300	2,000	600	2,800
25	Specialty	0.240	0.240	0.500	0.500	6	8	800	1,400
26	Totals-Industrials	16.690	22.570	25.700	33.700	43,306	86,766	15,400	31,900
27	Totals-All Users	32.533	43.913	82.349	90.349	61,299	108,188	36,951	62,518

BOD, and TSS strengths are computed using the District's standard domestic equivalent strengths. Formula: Flow x Strength(Mg/l) x 8.34.  
 Standard domestic equivalent strengths for the District are: BOD-200 Mg/l, SS-200 Mg/l.

TABLE 11  
DETERMINATION OF UNIT COSTS-OPERATING EXPENSES AND DEBT SERVICE  
Western Lake Superior Sanitary District  
2021 Budget

Line No.	Description	Operating Expenses (\$)	Annual Loadings	Operating Expense Unit Costs	2016-21 Debt Service			
					Percentage Allocation	Cost (\$)	Annual Loadings	Unit Costs
1	Base Flow	\$7,073,484	11,874,618 (1000 Gals)	0.5957 /1000 gal	39.22%	\$1,577,834	16,028,245 (1000 Gals)	0.0984 /1000 gal
2	Excess Flow	\$791,221	18,182,913 (1000 Gals)	0.0435 /1000 gal	22.36%	\$899,444	32,977,531 (1000 Gals)	0.0273 /1000 gal
3	BOD Expenses	\$4,541,041	22,374,189 (Lbs./Year)	0.2030 / lb.	23.06%	\$927,640	39,488,620 (Lbs./Year)	0.0235 / lb.
4	SS Related Expenses	\$4,516,602	13,487,090 (Lbs./Year)	0.3349 / lb.	15.37%	\$618,438	22,819,070 (Lbs./Year)	0.0271 / lb.
5	Totals	<u>\$16,922,349</u>			100.00%	<u>\$4,023,356</u>		

		2013-15 Debt Service				
		Percentage		Annual	Unit	
		Allocation	Cost (\$)	Loadings	Costs	
6	Base Flow	39.70%	\$522,960	15,612,875 (1000 Gals)	0.0335	/1000 gal
7	Excess Flow	21.41%	\$282,015	33,019,360 (1000 Gals)	0.0085	/1000 gal
8	BOD Expenses	23.34%	\$307,459	41,435,895	0.0074	/ lb.
9	SS Related Expenses	15.56%	\$204,976.11	24,421,055 (Lbs./Year)	0.0084	/ lb.
10	Totals		<u>\$1,317,410</u>			

		2006-10 Debt Service					2011-12 Debt Service				
		Percentage Allocation	Cost (\$)	Annual Loadings	Unit Costs		Percentage Allocation	Cost (\$)	Annual Loadings	Unit Costs	
6	Base Flow	39.70%	\$554,085	14,738,426 (1000 Gals)	0.0376	/1000 gal	39.70%	\$397,797	15,612,875 (1000 Gals)	0.0255	/1000 gal
7	Excess Flow	21.41%	\$298,800	33,056,926 (1000 Gals)	0.0090	/1000 gal	21.41%	\$214,519	33,019,360 (1000 Gals)	0.0065	/1000 gal
8	BOD Expenses	23.34%	\$325,757	42,046,540	0.0077	/ lb.	23.34%	\$233,873	41,435,895	0.0056	/ lb.
9	SS Related Expenses	15.56%	\$217,175	18,944,595 (Lbs./Year)	0.0115	/ lb.	15.56%	\$155,918	24,421,055 (Lbs./Year)	0.0064	/ lb.
10	Totals	100.00%	<u>\$1,395,817</u>					<u>\$1,002,107</u>			

		1996-2000 Debt Service					2001-05 Debt Service				
		Percentage Allocation	Cost (\$)	Annual Loadings	Unit Costs		Percentage Allocation	Cost (\$)	Annual Loadings	Unit Costs	
6	Base Flow	24.97%	\$0	16,104,530 (1000 Gals)	0.0000 /1000 gal		25.05%	\$182,670	16,264,491 (1000 Gals)	0.0112 /1000 gal	
7	Excess Flow	17.17%	\$0	30,323,105 (1000 Gals)	0.0000 /1000 gal		17.17%	\$125,207	30,371,986 (1000 Gals)	0.0041 /1000 gal	
8	BOD Expenses	36.02%	\$0	34,600,175	0.0000 / lb.		35.99%	\$262,447	39,729,885	0.0066 / lb.	
9	SS Related Expenses	21.84%	\$0	16,802,045 (Lbs./Year)	0.0000 / lb.		21.79%	\$158,898	18,523,020 (Lbs./Year)	0.0086 / lb.	
10	Totals	100.00%	<u>\$0</u>				100.00%	<u>\$729,222</u>			

[illegible]

TABLE 1  
CLASSIFICATION OF RATE BASE TO COST COMPONENTS  
Western Lake Superior Sanitary District  
2021 Budget

Line No.	Description	Factor Code	Flow- Base	Excess- Flow	BOD	TSS	Replacement Cost	Base Flow	Peak Flow	BOD	TSS
			%	%	%	%					
<b>Clean Water Production</b>											
1	WWTP - Plant Pumping	F	60.00	20.00	11.00	9.00	4,000,000	2,400,000	800,000	440,000	360,000
2	Courtland - Influent WW Pumping		60.00	20.00	11.00	9.00	2,000,000	1,200,000	400,000	220,000	180,000
3	Bar Screen/Grit Removal	EA	54.00	26.00	11.00	9.00	8,000,000	4,320,000	2,080,000	880,000	720,000
4	Oxygen Generation Facility	EA	5.00	3.00	69.00	23.00	23,000,000	1,150,000	690,000	15,870,000	5,290,000
5	Oxygenation Tank/Galleries	EA	13.00	7.00	70.00	10.00	37,000,000	4,810,000	2,590,000	25,900,000	3,700,000
6	Secondary Settling Tanks	EA	23.00	12.00	29.00	36.00	16,000,000	3,680,000	1,920,000	4,640,000	5,760,000
7	Return Sludge Pumping	EA	23.00	12.00	29.00	36.00	7,000,000	1,610,000	840,000	2,030,000	2,520,000
8	Chemical Feed	EA	0.00	0.00	0.00	0.00	-	-	-	-	-
9	Flocculation/Settling Tanks	EA	0.00	80.00	5.00	15.00	15,000,000	-	12,000,000	750,000	2,250,000
10	Final Effluent Filters	EA	54.00	26.00	11.00	9.00	11,000,000	5,940,000	2,860,000	1,210,000	990,000
11	Chlorination	EA	54.00	26.00	11.00	9.00	6,000,000	3,240,000	1,560,000	660,000	540,000
12	Effluent Control Building	EA	54.00	26.00	11.00	9.00	8,000,000	4,320,000	2,080,000	880,000	720,000
13	Sludge Thickening	EA	0.00	0.00	40.00	60.00	6,000,000	-	-	2,400,000	3,600,000
14	Sludge Dewatering	EA	0.00	0.00	40.00	60.00	13,000,000	-	-	5,200,000	7,800,000
15	Sludge Digestion	EA	0.00	0.00	40.00	60.00	32,000,000	-	-	12,800,000	19,200,000
16	Biosolids Storage and App	EA	0.00	0.00	40.00	60.00	8,000,000	-	-	3,200,000	4,800,000
17	Odor Control		0.00	0.00	70.00	30.00	2,000,000	-	-	1,400,000	600,000
18	Outfall		57.00	43.00	0.00	0.00	6,000,000	3,420,000	2,580,000	-	-
19	Power Distribution/Standby		17.69	14.90	38.47	28.94	15,000,000	2,653,676	2,235,294	5,770,588	4,340,441
20	Instrumentation / Controls		17.69	14.90	38.47	28.94	10,000,000	1,769,118	1,490,196	3,847,059	2,893,627
21	Sub-Totals						\$229,000,000	\$40,512,794	\$34,125,490	\$88,097,647	\$66,264,069
22	Percent-Treatment Plant	WTP					100.00%	17.69%	14.90%	38.47%	28.94%
<b>Other Treatment Plant Facilities-</b>											
23	Outside Piping/Miscellaneous	s WTP	17.69%	14.90%	38.47%	28.94%	13,000,000	2,299,853	1,937,255	5,001,176	3,761,716
24	Administration Building	WTP	17.69%	14.90%	38.47%	28.94%	10,000,000	1,769,118	1,490,196	3,847,059	2,893,627
25	Foundation/Site Construction	n WTP	17.69%	14.90%	38.47%	28.94%	23,000,000	4,068,971	3,427,451	8,848,235	6,655,343
26	Land-WWTP	WTP	17.69%	14.90%	38.47%	28.94%	<u>1,000,000</u>	<u>176,912</u>	<u>149,020</u>	<u>384,706</u>	<u>289,363</u>
27	Totals-Clean Water Production						\$276,000,000	\$48,827,647	\$41,129,412	\$106,178,824	\$79,864,118
								17.69%	14.90%	38.47%	28.94%

TABLE 1 (continued)  
 CLASSIFICATION OF RATE BASE TO COST COMPONENTS  
 Western Lake Superior Sanitary District  
 2021 Budget

		Cost Classifications									
Line No.	Description	Factor Code	Flow-Base (%)	Excess-Flow (%)	BOD (%)	TSS (%)	Replacement <u>Cost</u>	Flow-Base	Excess-Flow-	BOD	TSS
<b>Conveyance System-</b>											
28	Interceptors	F	62.00	28.00	8.00	2.00	\$116,800,000	\$72,416,000	\$32,704,000	\$9,344,000	\$2,336,000
29	Force Mains	F	62.00	28.00	8.00	2.00	\$82,900,000	\$51,398,000	\$23,212,000	\$6,632,000	\$1,658,000
30	Pump Stations		62.00	28.00	8.00	2.00	\$72,600,000	\$45,012,000	\$20,328,000	\$5,808,000	\$1,452,000
31	I&I Control Structures	F	0.00	100.00	0.00	0.00	<u>\$6,700,000</u>	<u>\$0</u>	<u>\$6,700,000</u>	<u>\$0</u>	<u>\$0</u>
32	Totals - Conveyance System						\$279,000,000	\$168,826,000	\$82,944,000	\$21,784,000	\$5,446,000
33	Totals - Wastewater Plant In Service						<u>\$555,000,000</u>	<u>\$217,653,647</u>	<u>\$124,073,412</u>	<u>\$127,962,824</u>	<u>\$85,310,118</u>
34	Percent - Factor	TP					0.00%	0.00%	0.00%	0.00%	0.00%
<b>Other Rate Base Items-</b>											
35	Unused						<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
36	Totals - Rate Base						<u>\$555,000,000</u>	<u>\$217,653,647</u>	<u>\$124,073,412</u>	<u>\$127,962,824</u>	<u>\$85,310,118</u>
37	Percent - Rate Base						<u>100.00%</u>	<u>39.22%</u>	<u>22.36%</u>	<u>23.06%</u>	<u>15.37%</u>

Factor Code Abbreviations:

F Flow (Where "Base" = Average Flow, "Excess" = Peak Flow)  
 BOD Biochemical Oxygen Demand (The Measure of Organic Load)  
 TSS Suspended Solids  
 EA Engineering Analysis  
 WTP Wastewater Treatment Plant  
 TP Total Plant

TABLE 3  
CLASSIFICATION OF OPERATING EXPENSES TO COST COMPONENTS  
Western Lake Superior Sanitary District  
2021 Budget

		Cost Components					Cost Classifications				
Line No.	Description	Factor Code	Flow-Base	Excess-Flow	BOD	TSS	Operating Expenses	Flow-Base	Excess-Flow	BOD	TSS
			(%)	(%)	(%)	(%)					
Clean Water Production (4000)											
1	Direct Salaries	EA	31.00	4.00	33.00	32.00	\$1,100,844	\$341,262	\$44,034	\$363,279	\$352,270
2	Other Salary Costs	EA	31.00	4.00	33.00	32.00	\$921,578.18	\$285,689	\$36,863	\$304,121	\$294,905
3	Contract Cleaning	EA	27.00	4.00	37.00	32.00	\$32,000	\$8,640	\$1,280	\$11,840	\$10,240
4	Fuel-Fuel Oil	EA	25.00	10.00	30.00	35.00	\$2,000	\$500	\$200	\$600	\$700
5	Fuel-Natural Gas		20.00	3.12	33.75	43.13	\$118,104	\$23,621	\$3,685	\$39,860	\$50,938
6	Electricity	E-WTP	30.88	4.75	34.75	29.62	\$1,685,016	\$520,333	\$80,038	\$585,543	\$499,102
7	Water	EA	30.38	6.00	29.00	34.62	\$164,522	\$49,982	\$9,871	\$47,711	\$56,958
8	Storm Water Fee	EA	30.38	6.00	29.00	34.62	\$13,787	\$4,188	\$827	\$3,998	\$4,773
9	Grit Disposals	F	70.00	25.00	0.00	5.00	\$13,030	\$9,121	\$3,258	\$0	\$652
10	Cont.Serv.-Other	EA	35.00	10.00	27.50	27.50	\$86,900	\$30,415	\$8,690	\$23,898	\$23,898
11	Supplies-Building	EA	36.25	6.00	29.25	28.50	\$23,500	\$8,519	\$1,410	\$6,874	\$6,698
12	Supplies-Equipment	EA	36.25	6.00	29.25	28.50	\$70,000	\$25,375	\$4,200	\$20,475	\$19,950
13	Supplies-Filter Media	EA	75.00	5.00	10.00	10.00	\$0	\$0	\$0	\$0	\$0
14	Supplies-Safety	EA	0.00	0.00	0.00	0.00	\$0	\$0	\$0	\$0	\$0
15	Chemicals-General	F	34.90	4.00	32.60	28.50	\$63,572	\$22,187	\$2,543	\$20,724	\$18,118
15	Chemicals-Ferric	F	15.00	2.50	60.00	22.50	\$183,638	\$27,546	\$4,591	\$110,183	\$41,319
16	Chemicals-Liquid Oxygen	EA	0.00	5.00	55.00	40.00	\$11,239	\$0	\$562	\$6,181	\$4,496
17	Chemicals-Bleach	F	50.00	5.00	30.00	15.00	\$425,371	\$212,686	\$21,269	\$127,611	\$63,806
18	Chemicals-Thickening Polymer	BOD,SS	10.50	1.75	36.50	51.25	\$101,601	\$10,668	\$1,778	\$37,084	\$52,071
18	Chemicals-Dewatering Polymer	BOD,SS	10.50	1.75	36.50	51.25	\$666,163	\$69,947	\$11,658	\$243,149	\$341,409
19	Chemicals-Boiler	EA	37.50	6.50	28.75	27.25	\$2,000	\$750	\$130	\$575	\$545
20	Chemicals-Sodium bisulfite	F	70.00	10.00	10.00	10.00	\$2,221	\$1,555	\$222	\$222	\$222
23	Laundry	EA	36.75	6.00	30.75	26.50	\$4,200	\$1,544	\$252	\$1,292	\$1,113
22	Engineering	EA	36.75	6.00	30.75	26.50	\$0	\$0	\$0	\$0	\$0
23	Dues	EA	36.75	6.00	30.75	26.50	\$18,000	\$6,615	\$1,080	\$5,535	\$4,770
23	Publication	EA	36.75	6.00	30.75	26.50	\$500	\$184	\$30	\$154	\$133
23	Training	EA	36.75	6.00	30.75	26.50	\$4,500	\$1,654	\$270	\$1,384	\$1,193
24	Telephone	EA	36.75	6.00	30.75	26.50	\$3,370	\$1,238	\$202	\$1,036	\$893
25	Subtotal Clean Water Production						\$5,717,656	\$1,664,217	\$238,943	\$1,963,330	\$1,851,167
								29.11%	4.18%	34.34%	32.38%
26	Maintenance Allocation	EA	29.87	4.16	33.57	32.40	\$2,075,660	\$620,000	\$86,347	\$696,799	\$672,514
28	Engineering Allocation	EA	29.87	4.16	33.57	32.40	\$280,453	\$83,771	\$11,667	\$94,148	\$90,867
29	Total - Clean Water Production						\$8,073,769	\$2,367,988	\$336,957	\$2,754,277	\$2,614,548



TABLE 3 (Cont)  
CLASSIFICATION OF OPERATING EXPENSES TO COST COMPONENTS  
Western Lake Superior Sanitary District  
2021 Budget

Line No.	Description	Factor Code	Cost Components				Cost Classifications				
			Flow-Base	Excess-Flow	BOD	TSS	Operating Expenses	Flow-Base	Excess-Flow	BOD	TSS
			(%)	(%)	(%)	(%)					
Conveyance System (4200)											
30	Direct Wages	F	95.00	5.00	0.00	0.00	\$279,495	\$265,520	\$13,975	\$0	\$0
31	Other Salary Costs	F	95.00	5.00	0.00	0.00	\$260,358.82	\$247,341	\$13,018	\$0	\$0
32	Fuel-Natural Gas	F	95.00	5.00	0.00	0.00	\$4,500	\$4,275	\$225	\$0	\$0
33	Electricity	F	95.00	5.00	0.00	0.00	\$1,000,013	\$950,012	\$50,001	\$0	\$0
34	Telemeter	F	95.00	5.00	0.00	0.00	\$114,000	\$108,300	\$5,700	\$0	\$0
35	Diesel	F	95.00	5.00	0.00	0.00	\$4,500	\$4,275	\$225	\$0	\$0
36	Water	F	95.00	5.00	0.00	0.00	\$22,000	\$20,900	\$1,100	\$0	\$0
37	Repairs-Interceptors	F	70.00	5.00	15.00	10.00	\$20,000	\$14,000	\$1,000	\$3,000	\$2,000
38	Cont.Serv.-Biofilter	F	40.00	5.00	40.00	15.00	\$0	\$0	\$0	\$0	\$0
39	Cont.Serv.-Other	F	95.00	5.00	0.00	0.00	\$10,000	\$9,500	\$500	\$0	\$0
40	Supplies-Equipment	F	95.00	5.00	0.00	0.00	\$22,000	\$20,900	\$1,100	\$0	\$0
41	Clean Interceptors	F	75.00	5.00	10.00	10.00	\$43,922	\$32,942	\$2,196	\$4,392	\$4,392
41	Training Expenses	F	95.00	5.00	0.00	0.00	\$3,000	\$2,850	\$150	\$0	\$0
42	Laundry	F	95.00	5.00	0.00	0.00	\$2,000	\$1,900	\$100	\$0	\$0
43	Easements	F	90.00	10.00	0.00	0.00	<u>\$20,000</u>	<u>\$18,000</u>	<u>\$2,000</u>	<u>\$0</u>	<u>\$0</u>
44	Subtotal Conveyance System						\$1,805,789	\$1,700,715	\$91,289	\$7,392	\$6,392
								94.18%	5.06%	0.41%	0.35%
45	Maintenance Allocation	F	70.00	10.00	15.00	5.00	\$921,094	\$644,766	\$92,109	\$138,164	\$46,055
46	Engineering Allocation	F	80.00	10.00	5.00	5.00	<u>\$654,389</u>	<u>\$523,512</u>	<u>\$65,439</u>	<u>\$32,719</u>	<u>\$32,719</u>
47	Total Conveyance System						\$3,381,272	\$2,868,993	\$248,838	\$178,276	\$85,166

TABLE 3 (Cont)  
CLASSIFICATION OF OPERATING EXPENSES TO COST COMPONENTS  
Western Lake Superior Sanitary District  
2021 Budget

Line No.	Description	Factor Code	Cost Components				Cost Classifications				
			Flow-Base	Excess-Flow	BOD	TSS	Operating Expenses	Flow-Base	Excess-Flow	BOD	TSS
			(%)	(%)	(%)	(%)					
<b>Biosolids (4300)</b>											
48	Direct Salaries	EA	0.00	0.00	40.00	60.00	\$420,716	\$0	\$0	\$168,286	\$252,429
49	Other Salary Costs	EA	0.00	0.00	40.00	60.00	\$335,433.35	\$0	\$0	\$134,173	\$201,260
50	Natural Gas	EA	0.00	0.00	40.00	60.00	\$3,000	\$0	\$0	\$1,200	\$1,800
51	Electricity	EA	0.00	0.00	40.00	60.00	\$1,000	\$0	\$0	\$400	\$600
52	Telephone	EA	0.00	0.00	40.00	60.00	\$1,300	\$0	\$0	\$520	\$780
53	Diesel	EA	0.00	0.00	40.00	60.00	\$70,436	\$0	\$0	\$28,174	\$42,262
54	Cont.Serv.-Field Work	EA	0.00	0.00	40.00	60.00	\$2,000	\$0	\$0	\$800	\$1,200
55	Cont Serv.-Other	EA	0.00	0.00	40.00	60.00	\$15,000	\$0	\$0	\$6,000	\$9,000
56	Supplies-Building	EA	0.00	0.00	40.00	60.00	\$200	\$0	\$0	\$80	\$120
57	Supplies-Equipment	EA	0.00	0.00	40.00	60.00	\$15,000	\$0	\$0	\$6,000	\$9,000
58	Supplies-Other	EA	0.00	0.00	40.00	60.00	\$500	\$0	\$0	\$200	\$300
59	Supplies-Safety	EA	0.00	0.00	40.00	60.00	\$600	\$0	\$0	\$240	\$360
60	Training	EA	0.00	0.00	40.00	60.00	\$5,000	\$0	\$0	\$2,000	\$3,000
61	Rent Equipment	EA	0.00	0.00	40.00	60.00	\$0	\$0	\$0	\$0	\$0
62	Travel	EA	0.00	0.00	40.00	60.00	\$0	\$0	\$0	\$0	\$0
63	Laundry	EA	0.00	0.00	40.00	60.00	\$1,847	\$0	\$0	\$739	\$1,108
63	Dues	EA	0.00	0.00	40.00	60.00	\$200	\$0	\$0	\$80	\$120
64	Publications	EA	0.00	0.00	40.00	60.00	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
65	Subtotal Biosolids						\$872,232	\$0	\$0	\$348,893	\$523,339
66	Maintenance Allocation		0.00	0.00	40.00	60.00	\$201,489	\$0	\$0	\$80,596	\$120,894
	Engineering Allocation						<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
67	Total Biosolids						\$1,073,721	\$0	\$0	\$429,489	\$644,233
68	TOTAL 4000/4200/4300						\$12,528,762	\$5,236,981	\$585,795	\$3,362,041	\$3,343,947
69	Percent						<u>100.00%</u>	<u>41.80%</u>	<u>4.68%</u>	<u>26.83%</u>	<u>26.69%</u>
<b>Other Expenses</b>											
70	Business Services	OE	41.80%	4.68%	26.83%	26.69%	\$1,658,958	\$693,439	\$77,566	\$445,175	\$442,779
71	Operations Services	OE	41.80%	4.68%	26.83%	26.69%	\$0	\$0	\$0	\$0	\$0
72	MIS	OE	41.80%	4.68%	26.83%	26.69%	\$653,838	\$273,302	\$30,571	\$175,455	\$174,511
73	Lab	OE	41.80%	4.68%	26.83%	26.69%	\$794,381	\$332,049	\$37,142	\$213,169	\$212,022
74	Environmental Programs	OE	41.80%	4.68%	26.83%	26.69%	\$216,406	\$90,457	\$10,118	\$58,072	\$57,759
75	Heating	OE	41.80%	4.68%	26.83%	26.69%	\$0	\$0	\$0	\$0	\$0
76	Capital Projects	OE	41.80%	4.68%	26.83%	26.69%	<u>\$3,000,000</u>	<u>\$1,253,990</u>	<u>\$140,268</u>	<u>\$805,038</u>	<u>\$800,705</u>
77	Totals-Other Expenses						\$6,323,584	\$2,643,237	\$295,665	\$1,696,907	\$1,687,775
85	Revenue Adjustments						(\$1,930,000)	(\$806,734)	(\$90,239)	(\$517,907)	(\$515,120)
86	Total Operating Expenses						<u>\$16,922,346</u>	<u>\$7,073,484</u>	<u>\$791,221</u>	<u>\$4,541,041</u>	<u>\$4,516,602</u>
87	Percent-Operating Expenses						<u>100.00%</u>	<u>41.80%</u>	<u>4.68%</u>	<u>26.83%</u>	<u>26.69%</u>
88	Total Operating Expenses excl Conveyance						<u>\$13,541,074</u>	<u>\$4,204,491</u>	<u>\$542,383</u>	<u>\$4,362,765</u>	<u>\$4,431,435</u>
89	Percent-Operating Expenses excl Conveyance						<u>100.00%</u>	<u>31.05%</u>	<u>4.01%</u>	<u>32.22%</u>	<u>32.73%</u>

## 2021 Budget

	Annual		1996-2000 Debt Service		2001-2005 Debt Service		2006-10 Debt Service		2011-12 Debt Service		2013-15 Debt Service		2016-20 Debt Service		Subtotal	Total
	Operating Expenses		Percent	Allocation	Percent	Allocation	Percent	Allocation	Percent	Allocation	Percent	Allocation	Percent	Allocation	Debt Service	Bill
Duluth	\$6,220,486	36.76%	0.00%	\$0	37.66%	\$274,635	37.27%	\$520,223	37.05%	\$371,234	37.05%	\$488,039	36.26%	\$1,522,980	\$3,177,112	\$9,397,598
Cloquet	\$722,785	4.27%	0.00%	\$0	2.98%	\$21,697	3.36%	\$46,919	3.03%	\$30,353	3.03%	\$39,903	3.45%	\$145,090	\$283,962	\$1,006,748
Proctor	\$225,499	1.33%	0.00%	\$0	1.08%	\$7,889	1.22%	\$16,961	1.19%	\$11,960	1.19%	\$15,723	1.18%	\$49,716	\$102,249	\$327,748
Hermantown	\$371,011	2.19%	0.00%	\$0	0.83%	\$6,083	1.40%	\$19,488	1.81%	\$18,184	1.81%	\$23,905	1.73%	\$72,680	\$140,340	\$511,351
Esko	\$105,358	0.62%	0.00%	\$0	0.35%	\$2,554	0.42%	\$5,812	0.52%	\$5,257	0.52%	\$6,911	0.50%	\$20,809	\$41,344	\$146,702
Scanlon	\$93,100	0.55%	0.00%	\$0	0.23%	\$1,688	0.22%	\$3,126	0.24%	\$2,370	0.24%	\$3,115	0.32%	\$13,475	\$23,773	\$116,873
Carlton	\$73,712	0.44%	0.00%	\$0	0.50%	\$3,641	0.45%	\$6,329	0.46%	\$4,571	0.46%	\$6,010	0.47%	\$19,710	\$40,261	\$113,973
Rice Lake	\$35,440	0.21%	0.00%	\$0	0.18%	\$1,299	0.20%	\$2,846	0.20%	\$2,048	0.20%	\$2,692	0.19%	\$7,833	\$16,718	\$52,159
Twin Lake	\$71,401	0.42%	0.00%	\$0	0.19%	\$1,392	0.24%	\$3,315	0.24%	\$2,356	0.24%	\$3,097	0.27%	\$11,196	\$21,355	\$92,756
Pike Lake	\$56,600	0.33%	0.00%	\$0	0.28%	\$2,018	0.28%	\$3,955	0.20%	\$2,003	0.20%	\$2,633	0.24%	\$10,115	\$20,723	\$77,323
Knife River	\$13,766	0.08%	0.00%	\$0	0.07%	\$546	0.08%	\$1,059	0.07%	\$730	0.07%	\$960	0.08%	\$3,292	\$6,588	\$20,354
Oliver	\$12,559	0.07%	0.00%	\$0	0.05%	\$368	0.05%	\$764	0.05%	\$523	0.05%	\$687	0.05%	\$2,294	\$4,635	\$17,194
Thomson	\$6,036	0.04%	0.00%	\$0	0.04%	\$276	0.04%	\$584	0.04%	\$415	0.04%	\$546	0.04%	\$1,514	\$3,334	\$9,371
Wrenshall	\$15,395	0.09%	0.00%	\$0	0.06%	\$414	0.07%	\$963	0.08%	\$760	0.08%	\$999	0.09%	\$3,633	\$6,769	\$22,163
Jay Cooke	\$1,217	0.01%	0.00%	\$0	0.03%	\$242	0.03%	\$414	0.02%	\$190	0.02%	\$250	0.01%	\$446	\$1,542	\$2,759
Midway	\$1,890	0.01%	0.00%	\$0	0.00%	\$0	0.08%	\$1,077	0.07%	\$735	0.07%	\$967	0.01%	\$381	\$3,160	\$5,050
MPCA Landfill	\$2,329	0.01%	0.00%	\$0	0.18%	\$1,305	0.11%	\$1,479	0.13%	\$1,277	0.13%	\$1,679	0.09%	\$3,757	\$9,498	\$11,827
Unused	\$0	0.00%	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0
Duluth - North Shore	\$31,373	0.19%	0.00%	\$0	0.25%	\$1,841	0.22%	\$3,120	0.20%	\$2,015	0.20%	\$2,649	0.20%	\$8,445	\$18,070	\$49,443
Georgia Pacific	\$0	0.00%		\$0		\$6,013		\$17,841		\$8,234					\$32,088	\$32,088
Sappi	\$8,428,454	49.81%	0.00%	\$0	34.62%	\$252,454	36.39%	\$507,904	37.87%	\$379,476	37.87%	\$498,875	38.53%	\$1,618,492	\$3,257,202	\$11,685,656
Verso	\$0	0.00%	0.00%	\$0	15.59%	\$113,653	14.43%	\$201,365	13.19%	\$132,177	13.19%	\$173,765	13.68%	\$397,719	\$1,018,679	\$1,018,679
USG	\$279,396	1.65%	0.00%	\$0	2.88%	\$21,027	2.57%	\$35,920	2.67%	\$26,720	2.67%	\$35,127	1.93%	\$81,049	\$199,842	\$479,239
Specialty Minerals	\$154,542	0.91%	0.00%	\$0	1.95%	\$14,201	0.87%	\$12,192	0.67%	\$6,754	0.67%	\$8,879	0.68%	\$28,730	\$70,755	\$225,296
TOTALS	\$16,922,349	100.00%		\$0		\$735,235		\$1,413,658		\$1,010,341		\$1,317,410		\$4,023,356	\$8,500,000	\$25,422,349
			0.00%		100.00%		100.00%		100.00%		100.00%		100.00%			

Western Lake Superior Sanitary District  
Billing Detail  
2021 Budget

Line No.	Class of Service	Operating Expenses, based on Actual Flows and Loads					Debt Svc - based on Allocated Flows and Loads						TOTAL
		Flow	Excess FI	BOD	TSS	TOTAL	FLOW	PEAK FLOW	TOTAL FLOW	BOD	TSS	TOTAL	
	Municipalities:												
1	Duluth	\$2,761,279	\$557,486	\$970,448	\$1,931,272	\$6,220,486	\$1,327,377	\$983,993	\$2,311,370	\$343,670	\$522,071	\$3,177,112	\$9,397,598
2	Cloquet	\$250,037	\$37,245	\$127,180	\$308,323	\$722,785	\$107,750	\$71,928	\$179,678	\$37,106	\$67,179	\$283,962	\$1,006,748
3	Proctor	\$97,841	\$15,057	\$39,262	\$73,339	\$225,499	\$46,346	\$28,756	\$75,102	\$11,575	\$15,572	\$102,249	\$327,748
4	Hermantown	\$141,325	\$10,038	\$85,192	\$134,456	\$371,011	\$53,727	\$25,608	\$79,334	\$27,234	\$33,771	\$140,340	\$511,351
5	Esko	\$44,833	\$3,761	\$19,483	\$37,281	\$105,358	\$17,337	\$9,107	\$26,444	\$6,151	\$8,749	\$41,344	\$146,702
6	Scanlon	\$36,745	\$1,016	\$20,883	\$34,456	\$93,100	\$10,211	\$4,871	\$15,082	\$4,132	\$4,559	\$23,773	\$116,873
7	Carlton	\$32,614	\$6,877	\$11,853	\$22,369	\$73,712	\$20,746	\$12,454	\$33,200	\$2,919	\$4,142	\$40,261	\$113,973
8	Rice Lake	\$13,045	\$2,748	\$7,414	\$12,233	\$35,440	\$6,714	\$4,789	\$11,504	\$2,439	\$2,776	\$16,718	\$52,159
9	Twin Lake	\$15,220	\$2,589	\$21,624	\$31,969	\$71,401	\$6,806	\$4,641	\$11,447	\$4,633	\$5,274	\$21,355	\$92,756
10	Pike Lake	\$21,742	\$2,112	\$12,357	\$20,388	\$56,600	\$8,551	\$5,281	\$13,831	\$3,249	\$3,643	\$20,723	\$77,323
11	Knife River	\$4,783	\$1,779	\$2,718	\$4,485	\$13,766	\$1,961	\$2,757	\$4,718	\$862	\$1,008	\$6,588	\$20,354
12	Oliver	\$4,783	\$572	\$2,718	\$4,485	\$12,559	\$1,838	\$1,192	\$3,030	\$757	\$848	\$4,635	\$17,194
13	Thomson	\$2,174	\$588	\$1,236	\$2,039	\$6,036	\$1,305	\$966	\$2,272	\$506	\$557	\$3,334	\$9,371
14	Wrenshall	\$5,870	\$683	\$3,336	\$5,505	\$15,395	\$2,880	\$1,437	\$4,317	\$1,160	\$1,291	\$6,769	\$22,163
15	Jay Cooke	\$435	\$127	\$247	\$408	\$1,217	\$537	\$339	\$876	\$299	\$366	\$1,542	\$2,759
16	Midway	\$652	\$70	\$556	\$612	\$1,890	\$1,452	\$832	\$2,283	\$379	\$498	\$3,160	\$5,050
17	MPCA Landfill	\$435	\$1,239	\$247	\$408	\$2,329	\$4,000	\$2,075	\$6,076	\$1,832	\$1,591	\$9,498	\$11,827
18	Unused	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	North Shore	\$10,871	\$4,130	\$6,178	\$10,194	\$31,373	\$6,177	\$6,376	\$12,553	\$2,541	\$2,977	\$18,070	\$49,443
21	Totals-Municipalities	\$3,444,685	\$648,117	\$1,332,932	\$2,634,223	\$8,059,957	\$1,625,717	\$1,167,400	\$2,793,117	\$451,445	\$676,873	\$3,921,434	\$11,981,391
	Industrials-												
22	Georgia Pacific	\$0	\$0	\$0	\$0	\$0	\$6,797	\$2,718	\$9,515	\$17,745	\$4,829	\$32,088	\$32,088
23	Sappi	\$3,478,777	\$127,062	\$3,111,360	\$1,711,254	\$8,428,454	\$1,203,605	\$483,665	\$1,687,270	\$1,077,090	\$492,842	\$3,257,202	\$11,685,656
24	VERSO	\$0	\$0	\$0	\$0	\$0	\$337,443	\$136,213	\$473,656	\$476,236	\$68,786	\$1,018,679	\$1,018,679
25	USG	\$97,841	\$11,912	\$96,304	\$73,339	\$279,396	\$47,125	\$24,346	\$71,471	\$49,336	\$79,035	\$199,842	\$479,239
27	Specialty Minerals	\$52,182	\$4,130	\$444	\$97,786	\$154,542	\$22,045	\$10,358	\$32,402	\$188	\$38,164	\$70,755	\$225,296
28	Totals-Industrials	\$3,628,799	\$143,104	\$3,208,109	\$1,882,379	\$8,862,391	\$1,617,015	\$657,301	\$2,274,315	\$1,620,595	\$683,656	\$4,578,566	\$13,440,958
30	Totals-All Users	\$7,073,484	\$791,221	\$4,541,041	\$4,516,602	\$16,922,349	\$3,242,731	\$1,824,701	\$5,067,432	\$2,072,039	\$1,360,528	\$8,500,000	\$25,422,349

## Solid Waste Charges

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**2021 Budget Version of Ten-year Costs**

	Actual 2014	Actual 2015	Actual 2016	Actual 2017	Actual 2018	Actual 2019	Estimate 2020	Budget 2021	2022	2023	2024	2025	2026
Operations Fund Beginning Balance							\$2,866,246	\$2,758,112	\$2,710,919	\$2,437,017	\$2,060,615	\$1,573,713	\$1,089,311
Operating Surplus/Deficit minus Capital Fee							\$81,866	\$242,807	(\$3,902)	(\$178,902)	(\$266,902)	(\$356,902)	(\$448,902)
Transfer to Capital Fund							(\$190,000)	(\$290,000)	(\$270,000)	(\$197,500)	(\$220,000)	(\$127,500)	(\$165,000)
Operations Fund Ending Balance	\$945,294	\$1,652,639	\$2,041,528	\$2,508,051	\$2,719,809	\$2,866,246	\$2,758,112	\$2,710,919	\$2,437,017	\$2,060,615	\$1,573,713	\$1,089,311	\$475,409
<b>EXPENSES</b>													
Household Hazardous Waste (HHW)	\$699,090	\$794,484	\$806,455	\$834,778	\$862,550	\$797,124	\$877,485	\$866,547	\$884,000	\$902,000	\$920,000	\$938,000	\$957,000
Recycling Operations and Grants	\$238,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Yard waste & Organics composting facility	\$268,423	\$299,788	\$317,062	\$316,927	\$321,627	\$315,051	\$335,823	\$332,859	\$340,000	\$347,000	\$354,000	\$361,000	\$368,000
Materials Recovery Center (MRC)	\$666,854	\$802,163	\$989,395	\$982,655	\$1,066,120	\$1,103,440	\$1,050,880	\$1,172,825	\$1,196,000	\$1,220,000	\$1,244,000	\$1,269,000	\$1,294,000
Environmental Programs	\$566,431	\$722,763	\$800,364	\$699,643	\$705,863	\$786,137	\$801,517	\$816,360	\$833,000	\$850,000	\$867,000	\$884,000	\$902,000
Solid Waste Grants	\$0	\$0	\$0	\$0	\$44,475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Allocated Costs/SW Planning	\$1,537,572	\$1,524,919	\$1,582,626	\$1,620,099	\$1,695,782	\$1,705,766	\$2,027,082	\$1,825,000	\$2,027,000	\$2,156,000	\$2,199,000	\$2,243,000	\$2,288,000
Transfer station Costs	\$4,172,446	\$4,466,328	\$4,642,832	\$4,706,590	\$4,805,239	\$4,881,426	\$4,665,862	\$5,007,813	\$5,108,000	\$5,210,000	\$5,314,000	\$5,420,000	\$5,528,000
<b>TOTAL PROGRAM EXPENSES:</b>	\$8,149,320	\$8,610,445	\$9,138,734	\$9,160,692	\$9,501,656	\$9,588,944	\$9,758,649	\$10,021,405	\$10,388,000	\$10,685,000	\$10,898,000	\$11,115,000	\$11,337,000
25% Operations Fund Goal (Was 15% thru 2014)	\$621,618	\$1,123,976	\$1,113,526	\$1,174,104	\$1,176,880	\$1,273,197	\$1,253,398	\$1,320,000	\$1,368,750	\$1,396,000	\$1,423,750	\$1,452,250	\$1,481,295
<b>SOLID WASTE FEE REVENUES</b>													
Line Item fee (St. Louis Cty)	\$660,888	\$917,242	\$923,175	\$930,832	\$933,775	\$937,264	\$939,363	\$944,150,000	\$944,000	\$944,000	\$944,000	\$944,000	\$944,000
Line Item fee (Carlton Cty)	\$137,817	\$191,413	\$177,088	\$175,075	\$196,688	\$197,688	\$191,638	\$192,888	\$193,000	\$193,000	\$193,000	\$193,000	\$193,000
Property Tax Subtotal	\$798,705	\$1,108,655	\$1,100,263	\$1,105,907	\$1,130,463	\$1,134,952	\$1,131,000	\$1,137,038	\$1,137,000	\$1,137,000	\$1,137,000	\$1,137,000	\$1,137,000
Hauler Collected Fee	\$1,972,934	\$2,316,087	\$2,423,949	\$2,489,244	\$2,555,512	\$2,581,401	\$2,525,000	\$2,525,000	\$2,525,000	\$2,525,000	\$2,525,000	\$2,525,000	\$2,525,000
SW MGMT FEE TOTAL	\$2,771,639	\$3,424,742	\$3,524,212	\$3,595,151	\$3,685,975	\$3,716,353	\$3,656,000	\$3,662,038	\$3,662,000	\$3,662,000	\$3,662,000	\$3,662,000	\$3,662,000
<b>FEES, GRANTS, AND REVENUE</b>													
Transfer Station Fees	\$4,248,389	\$4,409,411	\$4,582,820	\$4,687,503	\$4,751,643	\$4,848,880	\$4,561,439	\$4,902,200	\$5,000,000	\$5,100,000	\$5,202,000	\$5,306,000	\$5,412,000
Transfer Station Administration Fees	\$108,604	\$118,607	\$122,486	\$131,760	\$132,433	\$129,952	\$125,308	\$129,977	\$130,000	\$130,000	\$130,000	\$130,000	\$130,000
Capital Improvement Fees collected at Transfer Stat	\$69,784	\$88,165	\$89,830	\$112,097	\$113,832	\$109,125	\$109,855	\$106,035	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000
Solid Waste Grant Revenue	\$74,483	\$14,495	\$40,691	\$15,738	\$20,114								
MRC Fees	\$414,859	\$450,065	\$512,003	\$531,383	\$578,805	\$611,206	\$572,592	\$651,600	\$665,000	\$678,000	\$692,000	\$706,000	\$720,000
St. Louis & County Reimbursement	\$55,789	\$56,777	\$68,164	\$71,879	\$78,675	\$62,690	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Compost/Yard Waste fees	\$103,853	\$130,622	\$134,518	\$162,775	\$151,090	\$117,417	\$135,148	\$133,500	\$136,000	\$139,000	\$142,000	\$145,000	\$148,000
SCORE Grant	\$291,300	\$315,946	\$308,919	\$305,241	\$297,253	\$298,598	\$300,000	\$298,598	\$298,598	\$298,598	\$298,598	\$298,598	\$298,598
District HHW grants	\$77,254	\$74,347	\$71,107	\$74,211	\$68,203	\$68,577	\$69,228	\$69,500	\$69,500	\$69,500	\$69,500	\$69,500	\$69,500
County HHW payments/grants	\$193,665	\$159,870	\$170,709	\$155,690	\$195,252	\$200,149	\$144,800	\$158,300	\$161,000	\$164,000	\$167,000	\$170,000	\$173,000
Paint Care	\$0	\$160,367	\$191,615	\$170,294	\$176,495	\$169,901	\$160,000	\$165,000	\$168,000	\$171,000	\$174,000	\$177,000	\$181,000
Other revenue/interest income	\$49,103	\$152,670	\$29,710	\$42,103	\$70,033	\$68,366	\$41,000	\$18,500	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000
<b>SUBTOTAL</b>	\$5,687,083	\$6,131,342	\$6,322,572	\$6,460,674	\$6,633,828	\$6,684,861	\$6,294,370	\$6,708,209	\$6,828,098	\$6,950,098	\$7,075,098	\$7,202,098	\$7,332,098
<b>ALL REVENUE TOTAL:</b>	\$8,458,722	\$9,556,084	\$9,846,784	\$10,055,825	\$10,319,803	\$10,401,214	\$9,950,370	\$10,370,247	\$10,490,098	\$10,612,098	\$10,737,098	\$10,864,098	\$10,994,098
<b>Surplus / (Deficit)</b>	\$309,402	\$945,639	\$708,050	\$895,133	\$818,147	\$812,270	\$191,721	\$348,842	\$102,098	(\$72,902)	(\$160,902)	(\$250,902)	(\$342,902)
Capital Projects	\$144,784	\$238,165	\$239,830	\$262,096	\$263,832	\$459,125	\$299,855	\$396,035	\$376,000	\$303,500	\$326,000	\$233,500	\$271,000
<b>Financial Statement - Surplus/(Deficit)</b>	\$164,618	\$707,474	\$468,220	\$633,037	\$554,315	\$353,145	(\$108,134)	(\$47,193)	(\$273,902)	(\$376,402)	(\$486,902)	(\$484,402)	(\$613,902)

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### 2021 Solid Waste Program Expenditures and Revenues

	Household Hazardous Waste (HHW)	Environ mental Programs	Yard Waste and Organics Composting	Solid Waste Grants	Solid Waste Planning and Management	Transfer Station - 27th Ave West	Material Recovery Center	Capital Projects	Surplus (Deficit)	Total
<b>Budgeted O&amp;M Expenses</b>	\$866,547	\$816,360	\$332,859	\$0		\$5,007,813	\$1,172,825	\$396,035		\$8,592,439
<b>Direct &amp; Indirect Cost Allocation</b>					\$1,825,000					\$1,825,000
<b>Total Expenses</b>	\$866,547	\$816,360	\$332,859	\$0	\$1,825,000	\$5,007,813	\$1,172,825	\$396,035	\$0	\$10,417,440
<b>Revenues:</b>										
<b>District HHW grants</b>	\$69,500									\$69,500
<b>Regional Program Grants/HHW     Contracts</b>	\$66,800									\$66,800
<b>Very Small Quantity Generator &amp;     other fees</b>	\$91,500									\$91,500
<b>Paint Care</b>	\$165,000									\$165,000
<b>State of MN - SCORE Grant</b>	\$70,000	\$158,598	\$70,000							\$298,598
<b>St. Louis County Service Fees</b>	\$20,000	\$35,000					\$20,000			\$75,000
<b>Organics/Yard Waste/Brush</b>			\$133,500							\$133,500
<b>Trf Station tipping fees</b>						\$4,902,200				\$4,902,200
<b>Trf Station - Admin fee</b>						\$105,614	\$24,363			\$129,977
<b>Trf Station - Capital</b>								\$106,035		\$106,035
<b>Solid Waste Grants</b>				\$0						\$0
<b>Material Recovery Fees</b>							\$651,600			\$651,600
<b>Investment &amp; other revenue</b>					\$18,500					\$18,500
<b>Total Revenue:</b>	\$482,800	\$193,598	\$203,500	\$0	\$18,500	\$5,007,813	\$695,963	\$106,035	\$0	\$6,708,209
<b>Net Cost:</b>	(\$383,747)	(\$622,762)	(\$129,359)	\$0	(\$1,806,500)	\$0	(\$476,862)	(\$290,000)	\$0	(\$3,709,230)
<b>Solid Waste Fee Revenue</b>	\$383,747	\$622,762	\$129,359	\$0	\$1,806,500	(\$0)	\$476,862	\$290,000	(\$47,193)	\$3,662,038
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$47,193)	(\$47,193)

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<b>MSW In District</b>	<b>2021 Estimated Volume (tons)</b>	<b>Operation, Transport and Disposal Costs</b>	<b>Budgeted Capital Fee</b>	<b>Budgeted Admin Fee</b>	<b>Budgeted Operations and Disposal Fees</b>	<b>2021 Budgeted Revenue</b>
District Haulers (tons)						
In District	50,800	\$2,516,210	\$0	\$50,800	\$2,516,210	\$2,567,010
Carlton County (tons) *	12,457	\$493,860	\$0	\$12,457	\$493,860	\$506,318
Solid Waste Genl (tons)	75	\$3,715	\$0	\$75	\$3,715	\$3,790
Rejected Organics	150	\$7,430	\$0	\$150	\$7,430	\$7,580
Cleanup (tons)	30	\$1,486	\$0	\$0	\$1,486	\$0
<b>Total</b>	<b>63,512</b>	<b>\$3,022,701</b>	<b>\$0</b>	<b>\$63,482</b>	<b>\$3,022,701</b>	<b>\$3,084,698</b>

<b>MSW out of District</b>	<b>2021 Estimated Volume (tons)</b>	<b>Operations and Transport Costs</b>	<b>Budgeted Capital Fee</b>	<b>Budgeted Admin Fee</b>	<b>Budgeted Operations and Disposal Fees</b>	<b>2021 Budgeted Revenue</b>
Carlton County (tons) *	2,735	\$108,408	\$8,204	\$5,469	\$108,408	\$122,081
Cook County (tons)	3,400	\$168,408	\$10,200	\$6,800	\$168,408	\$185,408
Lake County (tons)	6,700	\$331,862	\$20,100	\$13,400	\$331,862	\$365,362
Superior (tons)	8,950	\$443,309	\$26,850	\$17,900	\$443,309	\$488,059
<b>Total</b>	<b>21,785</b>	<b>\$1,051,987</b>	<b>\$65,354</b>	<b>\$43,569</b>	<b>\$1,051,987</b>	<b>\$1,160,910</b>

<b>Mixed Loads</b>	<b>2021 Estimated Volume (tons)</b>	<b>Operations and Transport Costs</b>	<b>Budgeted Capital Fee</b>	<b>Budgeted Admin Fee</b>	<b>Budgeted Operations and Disposal Fees</b>	<b>2021 Budgeted Revenue</b>
In District	8,400	\$416,066	\$16,800	\$8,400	\$416,066	\$441,266
Out of District	4,250	\$210,510	\$12,750	\$8,500	\$210,510	\$231,760
Carlton in District*	4,187	\$165,985	\$8,374	\$4,187	\$165,985	\$178,546
Carlton Out of District*	919	\$36,436	\$2,757	\$1,838	\$36,436	\$41,031
<b>Total</b>	<b>17,756</b>	<b>\$828,997</b>	<b>\$40,681</b>	<b>\$22,925</b>	<b>\$828,997</b>	<b>\$892,603</b>

<b>Transfer Station Totals</b>	<b>2021 Estimated Volume (tons)</b>	<b>Operations and Transport Costs</b>	<b>Budgeted Capital Fee</b>	<b>Budgeted Admin Fee</b>	<b>Budgeted Operations and Disposal Fees</b>	<b>2021 Budgeted Revenue</b>
MSW In District	63,512	\$3,022,701	\$0	\$63,482	\$3,022,701	\$3,084,698
MSW Out of District	21,785	\$1,051,987	\$65,354	\$43,569	\$1,051,987	\$1,160,910
Mixed Loads	17,756	\$828,997	\$40,681	\$22,925	\$828,997	\$892,603
Unacceptable Revenue	-	\$2,417	-	-	\$2,417	\$64,125
<b>Transfer Station Totals</b>	<b>103,053</b>	<b>\$4,906,102</b>	<b>\$106,035</b>	<b>\$129,977</b>	<b>\$4,906,102</b>	<b>\$5,202,336</b>

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## Transfer Station Fees 10/1/20 to 6/30/21

### MSW Rates (In District)

WLSSD Transfer Station	10/1/20 RATES
Operational Costs	\$4.45
Transport Costs (separate)	\$5.34
Disposal Costs (separate)	\$26.38
WLSSD Capital Charge	\$0.00
WLSSD Administrative Fee	\$1.00
Wisconsin Environmental Fees	\$6.00
Wisconsin Recycling Fee	\$7.00
<b>Total Cost</b>	<b>\$50.17</b>

### Mixed Load Rate (In District)

WLSSD Transfer Station	10/1/20 RATES
Operational Costs	\$4.45
Transport Costs (separate)	\$5.34
Disposal Costs (separate)	\$26.38
WLSSD Capital Charge	\$2.00
WLSSD Administrative Fee	\$1.00
Wisconsin Environmental Fees	\$6.00
Wisconsin Recycling Fee	\$7.00
<b>Total Cost</b>	<b>\$52.17</b>

### MSW Rates (Out of District Waste)

WLSSD Transfer Station	10/1/20 RATES
Operational Costs	\$4.45
Transport Costs (separate)	\$5.34
Disposal Costs (separate)	\$26.38
WLSSD Capital Charge	\$3.00
WLSSD Administrative Fee	\$2.00
Wisconsin Environmental Fees	\$6.00
Wisconsin Recycling Fee	\$7.00
<b>Total Cost</b>	<b>\$54.17</b>

### Mixed Load Rates (Out of District Waste)

WLSSD Transfer Station (Out of District Haulers)	10/1/20 RATES
Operational Costs	\$4.45
Transport Costs (separate)	\$5.34
Disposal Costs (separate)	\$26.38
WLSSD Capital Charge	\$3.00
WLSSD Administrative Fee	\$2.00
Wisconsin Environmental Fees	\$6.00
Wisconsin Recycling Fee	\$7.00
<b>Total Cost</b>	<b>\$54.17</b>

The Operational Costs, Transport Fees and Disposal Fees will be adjusted on July 1, 2021 based on the Consumer Price Index (CPI).

### Material Recovery Center Rate Schedule for 2021

Waste Type	Rate	Unit
Mixed Waste	\$22.00	Yard
Brush / Clean Scrap Wood	\$10.00	Yard
Small Appliances	\$2.00	Each
Appliances	\$5.00	Each
Microwaves Free	Free	Each
Tires-car/pickup	\$3.00	Each
Passenger Vehicle Tires (first 4 per visit)	Free	Each
Tires-truck	\$8.00	Each
Tires-truck w/rim	\$16.00	Each
Tires-offroad	\$40.00	Each
Tires-offroad >600	\$160.00	Each
Electronics-Keyboards, mouse, rechargeable and mercury batteries, rechargeable handheld appliances	Free	Each
Electronics- laptop, cordless tools, telephone, CPU, Fax machine, printers, scanners	\$2.00	Each
Electronics-Video Equipment with screen 7" or larger, RV or Monitor up to 19"	\$9.00	Each
Standard or Flat Screen TV or Monitor over 19"	\$12.00	Each
Console TV or Projection TV over 40"	\$15.00	Each
Business Electronics-Keyboards, mouse, rechargeable and mercury batteries, rechargeable handheld appliances	Free	Each
Business CPU (computer tower), Laptop, Printer, Scanner, Fax Machine, Video Player (VCR, DVD, etc)	\$5.00	Each
Business electronics-TVs/monitors up to 19"	\$12.00	Each
Business electronics-TVs/monitors over 19"	\$18.00	Each
Business electronics-TVs/monitors over 40"	\$25.00	Each
Mattresses - dry	\$15.00	Each
Mattresses - wet	\$17.00	Each
Incidental kitchen waste	\$2.00	Per Bag
Scrap metal	Free	
Food Waste	Free	
Wood ashes	Free	
Household recyclables	Free	
Business recyclables	\$10.00	Yard

### Yard Waste/Organics Composting Rate Schedule for 2021

Organics	Rate	Unit
Wholesale Bagged Compost	\$3.50	Bag
Retail Bagged Compost	\$5.00	Bag
Bulk Compost >5 Yards	\$22.00	Yard
Bulk Compost Retail - Loaded	\$30.00	Yard
Bulk Compost Retail - Self-Loaded	\$22.00	Yard
Brush	\$10.00	Yard
Dirt	\$10.00	Yard
Leaves/Grass	Free	



A Hazardous Waste Disposal Option for Small Businesses

## Waste Disposal Fees\*

(Effective January, 2020)

COMMON WASTES	
Aerosol Cans (lbs)	\$1.60/lb
Latex paint, architectural ** (gal)	FREE
Oil base paint, architectural ** (gal)	FREE
Latex paint, other (gal)	\$3.50/gal
Oil base paint, other (gal)	\$2.70/gal
Solvents, thinners, fuels (gal)	\$1.40/gal
Tars, adhesives, paint-related materials (lbs)	\$1.80/lb
FLUORESCENT LAMPS & BALLASTS ***	
Ballasts (lbs)	\$1.90/lb
4 foot or less fluorescent lamps (each)	\$0.50/each
Greater than 4 foot fluorescent lamps (each)	\$0.60/each
Compact fluorescent lamps - CFLs (each)	\$0.90/each
Circular or U-shape fluorescent lamps (each)	\$0.80/each
HID lamps (each)	\$4.00/each
Crushed lamps (lbs)	\$2.80/lb
Broken lamps (each)	\$1.75/each
BATTERIES	
Button (lbs)	\$5.90/lb
Lithium Ion (lbs)	\$7.20/lb
Other rechargeable batteries (lbs)	\$1.20/lb
Wet NiCd (lbs)	\$1.40/lb
Wet lead-acid (lbs)	\$0.25/lb
DENTAL/MEDICAL WASTES	
Amalgam (lbs)	\$7.70/lb
Lead foil (lbs)	FREE
Pharmaceuticals/medications (lbs)	\$2.00/lb
Photo fixer (gal)	\$1.80/lb
Sharps (gal) ****	\$5.00/gal
X-ray film (lbs)	\$0.25/lb
ADMINISTRATIVE FEES	
Labor (hours)	\$50/hr
Mileage for pick-ups (miles)	varies
Supplies for packaging (drums, vermiculite)	varies

OTHER WASTES	
Acids (lbs)	\$1.80/lb
Antifreeze (gal)	\$2.20/gal
Asbestos tars (lbs)	\$1.10/lb
Bases (lbs)	\$1.80/lb
Dangerous When Wet (lbs)	\$1.80/lb
Flammable Solids (lbs)	\$1.80/lb
Mercury Compounds (lbs)	\$7.70/lb
Mercury - elemental (lbs)	\$7.70/lb
Mercury-containing items (lbs)	\$7.70/lb
Non-hazardous liquids (gal)	\$0.25/gal
Non-hazardous solids (lbs)	\$0.04/lb
Oil filters (each)	\$1.00/each
Oily debris/oily sorbents/paint filters (lbs)	\$1.40/lb
Waste oil (gal)	\$0.15/gal
Organic Peroxides (lbs)	\$1.80/lb
Oxidizers (lbs)	\$1.80/lb
Paint chips - leaded/lead debris (lbs)	\$1.20/lb
Pesticides (lbs)	FREE
Poisons/Toxics (lbs)	\$1.80/lb
Unknown Analysis (each)	\$10.00/each
Unknown Disposal (lbs)	\$1.80/lb
CYLINDERS	
Fire Extinguishers - halon (each)	\$17.80/each
Fire Extinguishers - dry, water, CO2 (each)	\$2.00/each
Small propane/MAPP gas cylinders (each)	\$2.40/each
Other Cylinders - list (each)	varies

\* Prices subject to change without notice.

\*\* Architectural paints are defined as interior and exterior architectural coatings sold in containers of 5 gallons or smaller. However, they do not include aerosols, industrial maintenance (IM), original equipment manufacturer (OEM), or specialty coatings.

\*\*\* Clean Shop can accept up to 200 fluorescent bulbs from a business annually; customers may request a list of local disposal companies servicing larger quantities.

\*\*\*\* Clean Shop can accept up to 10 gallons of sharps per customer annually.



**Western Lake Superior Sanitary District**  
 2626 Courtland Street • Duluth, MN 55806-1894  
 phone (218) 726-1602 • fax (218) 740-4959  
 wlssd.com • clean.shop@wlssd.com

**Call for quotes on full drums and other items not listed.**

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## **RESOLUTION 20 - 13**

### **RESOLUTION ESTABLISHING SOLID WASTE MANAGEMENT FEE TO BE COLLECTED BY SOLID WASTE COLLECTORS**

WHEREAS, the Sanitary Board of the Western Lake Superior Sanitary District previously established Solid Waste Management Service Areas on November 6, 1995, pursuant to Minnesota Statutes Section 400.08, Subd. 2, for that portion of the Western Lake Superior Sanitary District located within St. Louis County and that portion of the Western Lake Superior Sanitary District located within Carlton County;

WHEREAS, the Board has determined that both service areas are in need of solid waste management services from the Western Lake Superior Sanitary District;

WHEREAS, the Board has considered the character, kind and quality of the solid waste management services provided to residents in these service areas;

WHEREAS, the Board has determined that the cost of certain of the Solid Waste Management Services be recovered through a Solid Waste Management Fee imposed on generators of Mixed Municipal Solid Waste located within the service areas;

WHEREAS, the Board find that the Solid Waste Management Fee should be based on the capacity of the container holding the Mixed Municipal Solid Waste and the frequency of collection;

WHEREAS, the Board has determined that the Solid Waste Management Fee provided for herein is a just and reasonable charge for certain of the solid waste management services provided by the Western Lake Superior Sanitary District;

WHEREAS, the Board has determined that Residential rates will apply to a Residential Building containing up to three Dwelling Units and Commercial rates will apply to all other structures;

NOW, THEREFORE, BE IT RESOLVED, that the Solid Waste Management Fee for the Western Lake Superior Sanitary District service areas shall be based

on solid waste container size according to the rates set forth below and such Solid Waste Management Fee shall be imposed on each occasion waste from the container is collected by a Collector (as "Collector" is defined by the District Solid Waste Ordinance adopted August 2018):

**Residential Structures containing up to three dwelling units** will be charged at the rate of \$0.0085 per gallon based on the size of the container.

**Small volume commercial customers** will be charged at a rate based on the size of the container of \$.0116/gallon for non-compacted waste.

**Large volume commercial customers** will be charged at a rate based on the size of the container of \$2.35/yard for non-compacted waste and \$4.70/yard for compacted waste.

**BE IT FURTHER RESOLVED** that the Western Lake Superior Sanitary District shall pay to the Collector four percent (4%) of the total Solid Waste Management Fee collected and remitted to compensate the Collector for administrative costs. Self-Haulers, as defined by the Solid Waste Ordinance, shall not be entitled to such payment.

**BE IT FURTHER RESOLVED** that the effective date of this Solid Waste Management Fee is January 1, 2021, and it shall remain in effect until amended or repealed by the Board.

Dated this 28<sup>th</sup> day of September, 2020.

WESTERN LAKE SUPERIOR SANITARY  
DISTRICT

By: Marcia A. Podratz  
Chair

By: Ruth R Janke  
Secretary



## RESOLUTION 20 - 10

### RESOLUTION ESTABLISHING SYSTEM OF CHARGES FOR SOLID WASTE MANAGEMENT SERVICES RECOVERED AS A CHARGE AGAINST REAL ESTATE

WHEREAS, the Western Lake Superior Sanitary District ("District") incurs costs to provide solid waste management services and facilities to the residents of the District;

WHEREAS, the District desires to recover a portion of the costs through the imposition of a charge against real estate and a portion of the costs through other methods such as a hauler collected service fee;

WHEREAS, the District is authorized under Minn. Stat. § 458D.111 to assess the costs of solid waste management services as a charge against real estate and is specifically authorized pursuant to Minn. Stat. § 400.08, to collect said charges against the owners, lessees or occupants of all property, including government and tax-exempt property;

WHEREAS, the District has created two service areas within its boundaries: that portion of the District located in Carlton County and that portion of the District located in St. Louis County;

WHEREAS, a public hearing was conducted on September 14, 2020, to explain to the public this method of rate system of recovering a portion of the costs of solid waste management services as a charge against real estate;

NOW, THEREFORE, BE IT RESOLVED, that the portion of the solid waste management service costs to be recovered as a charge against taxable parcels for tax year 2021 shall be in accordance with the method or rate system as follows:

Residential 1-3 Units	\$25.00 per parcel
Seasonal	\$12.50 per unit

The property or unit must have an improved value greater than or equal to \$5,000 over and above the land value.

BE IT FURTHER RESOLVED, that the annual charges assessed against taxable parcels in accordance herewith shall be collected through the County Auditor in each service area pursuant to the authority set forth in Minn. Stat. § 458D.111, subd. 3.

Dated this 28<sup>th</sup> day of September, 2020.

WESTERN LAKE SUPERIOR SANITARY DISTRICT

By: Marcia A. Podratz  
Chair

By: Ruth R. Janke  
Secretary



## RESOLUTION 20 – 11

### RESOLUTION CERTIFYING SERVICE CHARGES TO THE ST. LOUIS COUNTY AUDITOR

WHEREAS, the Western Lake Superior Sanitary District has the authority under Minn. Stat. § 458D.111 to assess the costs of solid waste management services as a charge against real estate;

WHEREAS, the Western Lake Superior Sanitary District has previously created a service area pursuant to Minn. Stat. §400.08 which includes all portions of St. Louis County located within the boundaries of the District;

WHEREAS, the District has adopted Resolution No. 20-10 which sets forth the system of charges for solid waste management services in the service area;

NOW, THEREFORE, BE IT RESOLVED, that the Board of the Western Lake Superior Sanitary District hereby certifies to the St. Louis County Auditor pursuant to Minn. Stat. §458D.111, subd. 3, the itemized list describing the parcels of land and the charges to be collected against each parcel for tax year 2021.

Dated this 28<sup>th</sup> day of September, 2020.

WESTERN LAKE SUPERIOR SANITARY DISTRICT

By Marcia A. Podratz  
Chair

By Ruth R Janke  
Secretary



## RESOLUTION 20 - 12

### RESOLUTION CERTIFYING SERVICE CHARGES TO THE CARLTON COUNTY AUDITOR

WHEREAS, the Western Lake Superior Sanitary District has the authority under Minn. Stat. § 458D.111 to assess the costs of solid waste management services as a charge against real estate;

WHEREAS, the Western Lake Superior Sanitary District has previously created a service area pursuant to Minn. Stat. § 400.08 which includes all portions of Carlton County located within the boundaries of the District;

WHEREAS, the District has adopted Resolution 20-10 which sets forth the system of charges for solid waste management services in the service area.

NOW, THEREFORE, BE IT RESOLVED, that the Board of the Western Lake Superior Sanitary District hereby certifies to the Carlton County Auditor pursuant to Minn. Stat. § 458D.111, subd. 3, the itemized list describing the parcels of land and the charges to be collected against each parcel for tax year 2021.

Dated this 28<sup>th</sup> day of September, 2020.

WESTERN LAKE SUPERIOR SANITARY DISTRICT

By Marcia A. Podratz  
Chair

By Ruth R Janke  
Secretary

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## District-Wide Allocation

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**WLSSD DISTRICT-WIDE ALLOCATION  
2021 BUDGET**

	TAX CAPACITY			TAX CAPACITY		
	VALUE 2020	% OF	DWA	VALUE 2021	% OF	DWA
	(THOUSANDS)	TOTAL	2020	(THOUSANDS)	TOTAL	2021
<b><u>ST. LOUIS COUNTY</u></b>						
DULUTH	\$78,925	61.51%	\$218,359	\$84,237	61.99%	\$220,074
HERMANTOWN	\$14,136	11.02%	\$39,110	\$14,736	10.84%	\$38,499
PROCTOR	\$2,738	2.13%	\$7,575	\$2,841	2.09%	\$7,422
CANOSIA	\$2,649	2.06%	\$7,329	\$2,791	2.05%	\$7,292
DULUTH TOWNSHIP	\$603	0.47%	\$1,668	\$635	0.47%	\$1,660
GRAND LAKE	\$3,250	2.53%	\$8,992	\$3,315	2.44%	\$8,661
LAKEWOOD *	\$618	0.48%	\$1,709	\$641	0.47%	\$1,674
MIDWAY *	\$499	0.39%	\$1,379	\$546	0.40%	\$1,426
RICE LAKE	\$3,689	2.87%	\$10,206	\$3,745	2.76%	\$9,784
SOLWAY *	\$532	0.41%	\$1,471	\$549	0.40%	\$1,434
SUBTOTAL	\$107,638	83.89%	\$297,798	\$114,036	83.92%	\$297,925
<b><u>CARLTON COUNTY</u></b>						
CARLTON/THOMSON	\$681	0.53%	\$1,884	\$723	0.53%	\$1,889
CLOQUET	\$9,116	7.10%	\$25,221	\$9,378	6.90%	\$24,501
SCANLON	\$803	0.63%	\$2,222	\$837	0.62%	\$2,187
WRENSHALL	\$343	0.27%	\$949	\$379	0.28%	\$990
SILVERBROOK*	\$549	0.43%	\$1,518	\$595	0.44%	\$1,553
THOMSON TOWNSHIP	\$6,170	4.81%	\$17,070	\$6,662	4.90%	\$17,405
TWIN LAKES	\$3,014	2.35%	\$8,339	\$3,273	2.41%	\$8,551
SUBTOTAL	\$20,676	16.11%	\$57,202	\$21,847	16.08%	\$57,075
TOTAL DWA	\$128,313	100.00%	\$355,000	\$135,882	100.00%	\$355,000

\* Charges for unsewered areas are based on 25%  
of net tax capacity.

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## Department Summary

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## **DESCRIPTIONS OF FUNCTIONS**

### **WASTEWATER TREATMENT DEPARTMENTS**

The following departments are responsible for the collection and treatment of wastewater. The expenditures for these departments are directly allocated toward wastewater costs.

#### **4000 Clean Water Production**

Clean Water Production is responsible for wastewater from the time it enters the facility in Bldg 2 until discharge at the outfall and wastewater solids leave as grit/screenings for landfilling or as biosolids for recycling or disposal.

#### **4200 Conveyance**

The Conveyance System is responsible for the transmission of liquids and solids through the District's system of pump stations, forcemains and interceptor sewers from the time the material enters the system until discharge to Clean Water Production at the treatment plant.

#### **4300 Biosolids**

Biosolids Management is responsible for the biosolids product from its delivery to the floor of the onsite storage facility continuing through its application to approved land application sites or other alternative recycling or disposal options.

Land application is responsible for hauling and spreading biosolids on approved sites. In addition, the department is responsible for maintaining a sufficient amount of MPCA approved sites for land application, public education on biosolids, continued planning on program sustainability and market development for biosolids distribution.

#### **4700 Environmental Programs Wastewater**

The team provides a comprehensive program of community relations, pollution prevention, and public education for Wastewater.

## **SOLID WASTE DIRECT OPERATIONS**

The following departments are responsible for the collection, transportation, and appropriate reuse or disposal of solid waste materials. The expenditures for these departments are directly allocated toward solid waste costs.

### **5000 Transfer Station**

This department provides for efficient transfer and disposal of mixed municipal solid waste in a manner that meets the needs of its customers. These services are provided through a contract for operation of the transfer station and transportation of waste to a permitted landfill in Superior, Wisconsin.

### **5100 Materials Recovery Center**

This department is responsible for operation of the facility in accordance with the requirements of Minnesota Pollution Control Agency Permit # SW-437.

### **5500 Organics Composting Site**

This budget supports the staffing and operation of the District's organic wastes composting facility.

### **5600 Household Hazardous Waste**

The services provided by this department are designed to insure proper management of household hazardous waste (HHW) and very small quantity generator (VSQG) wastes. Efforts are focused primarily at residents and businesses within the District, but do extend throughout the counties of Northeast Minnesota.

### **5700 Environmental Programs Solid Waste**

The team provides a comprehensive program of community relations, pollution prevention, and public education for Solid Waste. The services provided by this department are designed to educate the general public and businesses within the District on how to properly manage their solid wastes. Such efforts are consistent with the requirements of the Minnesota Select Committee on Recycling and the Environment (SCORE) Act, which requires reduction of our solid waste volumes.

### **5800 Solid Waste Grants**

This budget reflects expenditures related to non-recurring solid waste grants.

## **SHARED SERVICES DEPARTMENTS**

The following departments are responsible for providing necessary services and support to both the wastewater treatment and solid waste businesses. Their costs are allocated between the wastewater and solid waste budgets based upon use.

### **6000 Administration**

Department 6000 includes the costs associated with finance, human resources, division management, purchasing and stores, and safety.

### **6600 Mechanical Maintenance**

The Mechanical Maintenance Department is dedicated to maintaining District facilities and equipment to a standard of excellence, stressing preventive approaches and modernization. The core business of a maintenance department is defined as the repair and upkeep of existing equipment, facilities, buildings and grounds.

### **6800 Electrical Maintenance**

The Electrical Maintenance Department is dedicated to maintaining District facilities and equipment to a standard of excellence, stressing preventive approaches and modernization. The core business of a maintenance department is defined as the repair and upkeep of existing equipment, facilities, buildings and grounds.

### **7000 Planning & Engineering**

The team supports operations and environmental compliance by providing engineering and planning services.

### **7400 Management Info Systems**

The team provides a comprehensive system of information support; systems and support; storage of information; and maintenance of information, communications and information systems infrastructure.

### **7700 Lab Services**

The team provides a comprehensive program of analytical services; daily, monthly and time sensitive reporting; data management; and required regulatory reporting.

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**WESTERN LAKE SUPERIOR SANITARY DISTRICT DEPARTMENTAL BUDGET  
WASTEWATER SUMMARY**

	<b>ACTUAL 2019</b>	<b>BUDGET 2020</b>	<b>ESTIMATE 2020</b>	<b>BUDGET 2021</b>	<b>% CHANGE BUDG 21/ BUDG 2020</b>	<b>% CHANGE BUDG 21/ EST 2020</b>
<b>OPERATIONS</b>						
<b>WASTEWATER TREATMENT</b>						
4000 CLEAN WATER PRODUCTION	\$ 5,614,900	\$ 5,926,859	\$ 5,679,600	\$ 5,717,656	-3.5%	0.7%
4200 CONVEYANCE SYSTEM	\$ 1,632,343	\$ 2,054,791	\$ 1,908,035	\$ 1,805,789	-12.1%	-5.4%
4300 BIOSOLIDS	\$ 876,037	\$ 933,739	\$ 891,917	\$ 872,232	-6.6%	-2.2%
4550 MAINTENANCE	\$ -	\$ -	\$ -	\$ -	-	-
4700 ENV PROG WW	\$ 259,735	\$ 275,994	\$ 229,801	\$ 216,406	-21.6%	-5.8%
4800 WW GRANTS	\$ -	\$ -	\$ -	\$ -	-	-
SUB TOTAL	<u>\$ 8,383,015</u>	<u>\$ 9,191,383</u>	<u>\$ 8,709,354</u>	<u>\$ 8,612,083</u>	<u>-6.3%</u>	<u>-1.1%</u>
<b>SOLID WASTE OPERATIONS</b>						
5000 TRANSFER STATION 27TH	\$ -	\$ -	\$ -	\$ -	-	-
5100 MATERIALS RECOVERY CENTER	\$ -	\$ -	\$ -	\$ -	-	-
5500 ORGANICS COMPOSTING SITE	\$ -	\$ -	\$ -	\$ -	-	-
5600 HOUSEHOLD HAZARDOUS WASTE	\$ -	\$ -	\$ -	\$ -	-	-
5700 ENV PROG SW	\$ -	\$ -	\$ -	\$ -	-	-
5800 SW GRANTS	\$ -	\$ -	\$ -	\$ -	-	-
SUB TOTAL	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>
<b>OPERATIONS &amp; MAINTENANCE</b>						
6600 MECHANICAL MAINTENANCE	\$ 1,936,310	\$ 2,105,134	\$ 2,115,526	\$ 1,968,825	-6.5%	-6.9%
6800 ELECTRICAL MAINTENANCE	\$ 1,273,758	\$ 1,304,351	\$ 1,366,912	\$ 1,229,419	-5.7%	-10.1%
<b>BUSINESS SERVICES</b>						
6000 BUSINESS SERVICES	\$ 1,619,376	\$ 1,696,750	\$ 1,688,908	\$ 1,658,958	-2.2%	-1.8%
<b>PLANNING &amp; TECH SERVICES</b>						
7000 PLANNING & ENGINEERING	\$ 730,971	\$ 835,293	\$ 817,314	\$ 934,842	11.9%	14.4%
7400 MANAGEMENT INFO SYS	\$ 563,554	\$ 644,044	\$ 691,461	\$ 653,838	1.5%	-5.4%
7700 LAB SERVICES	\$ 810,755	\$ 909,304	\$ 965,637	\$ 794,381	-12.6%	-17.7%
SUB TOTAL	<u>\$ 2,105,281</u>	<u>\$ 2,388,641</u>	<u>\$ 2,474,412</u>	<u>\$ 2,383,061</u>	<u>-0.2%</u>	<u>-3.7%</u>
<b>TOTAL</b>	<u><u>\$ 15,317,740</u></u>	<u><u>\$ 16,686,259</u></u>	<u><u>\$ 16,355,112</u></u>	<u><u>\$ 15,852,346</u></u>	<u><u>-5.0%</u></u>	<u><u>-3.1%</u></u>

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Direct Wastewater Departments

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Clean Water Production 4000**

	<b>ACTUAL 2019</b>	<b>BUDGET 2020</b>	<b>ESTIMATE 2020</b>	<b>BUDGET 2021</b>	<b>% CHANGE BUDG 21/ BUDG 2020</b>	<b>% CHANGE BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	1,075,277	1,142,517	1,108,648	1,100,844	-3.6%	-0.7%
4020 SUNDAY PREMIUM	54,431	56,435	54,879	54,534	-3.4%	-0.6%
4030 HOLIDAY PREMIUM	0	9,876	9,604	9,543	-3.4%	-0.6%
4040 SHIFT	10,721	12,870	14,300	12,155	-5.6%	-15.0%
4050 VACATION	94,312	87,270	82,727	83,407	-4.4%	0.8%
4060 HOLIDAY	57,174	45,723	44,599	44,375	-2.9%	-0.5%
4070 PERSONAL LEAVE	12,433	15,241	14,866	14,792	-2.9%	-0.5%
4080 SICK	32,481	46,279	45,034	44,763	-3.3%	-0.6%
SUB TOTAL	1,336,829	1,416,211	1,374,658	1,364,413	-3.7%	-0.7%
4090 OVERTIME	164,917	112,000	140,000	112,000	0.0%	-20.0%
SUB TOTAL	1,501,746	1,528,211	1,514,658	1,476,413	-3.4%	-2.5%
4200 EMPLOYERS FICA	89,794	94,923	94,082	91,711	-3.4%	-2.5%
4210 EMPLOYERS FICA/MEDIC	21,000	22,200	22,003	21,449	-3.4%	-2.5%
4220 EMPLOYERS PERA	112,638	114,766	113,749	110,881	-3.4%	-2.5%
4240 GROUP HOSP/MED	286,955	297,880	311,290	302,333	1.5%	-2.9%
4260 GROUP DENTAL	13,685	15,125	15,295	14,632	-3.3%	-4.3%
4280 GROUP LIFE	1,385	1,421	1,403	1,396	-1.7%	-0.5%
4300 LONG-TERM DISABILITY	3,547	3,744	3,628	3,607	-3.7%	-0.6%
4350 UNEMPLOYMENT	0	0	0	0		
SUB TOTAL	529,004	550,059	561,451	546,010	-0.7%	-2.8%
<b>TOTAL PAYROLL</b>	<b>2,030,750</b>	<b>2,078,270</b>	<b>2,076,109</b>	<b>2,022,422</b>	<b>-2.7%</b>	<b>-2.6%</b>
4520 CONTRACT CLEANING	31,596	32,000	35,000	32,000	0.0%	-8.6%
4800 FUEL OIL	5,012	4,000	3,000	2,000	-50.0%	-33.3%
4820 NATURAL GAS	113,796	144,024	150,000	118,104	-18.0%	-21.3%
5000 ELECTRICITY	1,567,297	1,849,889	1,652,626	1,685,016	-8.9%	2.0%
5200 TELEPHONE	3,238	3,370	3,216	3,370	0.0%	4.8%
5230 DIESEL	0	0	0	0	-	-
5240 WATER	150,420	133,212	145,457	164,522	23.5%	13.1%
5241 STORM WATER FEE	12,426	12,394	12,394	13,787	11.2%	11.2%
5710 GRIT DISPOSALS	15,577	11,845	12,000	13,030	10.0%	8.6%
5860 CONT SERV-OTHER	11,055	29,600	15,000	86,900	193.6%	479.3%
6000 SUPPLIES-BUILDING	17,352	23,500	20,000	23,500	0.0%	17.5%
6010 SUPPLIES-EQUIPMENT	84,217	75,000	70,000	70,000	-6.7%	0.0%
6020 SUPPLIES - FILTER MEDIA	0	0	0	0	-	-
6090 SUPPLIES-OTHER	0	0	0	0	-	-
6300 CHEMICALS-GENERAL	28,659	36,640	34,000	30,524	-16.7%	-10.2%
6310 CHEMICALS-ODOR CNTRL	0	0	0	0	-	-
6315 CHEMICALS-LIQUID OXYGEN	0	33,957	10,000	11,239	-66.9%	12.4%
6320 CHEMICALS-SODIUM HYPOCH	462,998	455,116	416,830	425,371	-6.5%	2.0%
6330 CHEMICALS-POLYMER THICKE	155,583	140,735	125,089	101,601	-27.8%	-18.8%
6335 CHEMICALS-POLYMER DEWAT	708,753	668,221	639,847	666,163	-0.3%	4.1%
6360 CHEMICALS-BOILER	177	1,000	1,114	2,000	100.0%	79.5%
6370 CHEMICALS-DEFOAMANT	31,690	32,355	30,000	33,048	2.1%	10.2%
6410 CHEMICALS-SODIUM BISULF	4,757	2,221	2,000	2,221	0.0%	11.1%
6420 CHEMICALS-FERRIC	154,890	128,835	200,000	183,638	42.5%	-8.2%
6910 TRAINING EXPENSES	9,137	9,000	5,000	4,500	-50.0%	-10.0%
7800 LAUNDRY	3,703	4,000	4,048	4,200	5.0%	3.8%
7810 ENGINEERING SERV	310	0	0	0	-	-
8000 DUES	17,147	17,200	18,126	18,000	4.7%	-0.7%
8010 PUBLICATIONS	345	475	125	500	5.3%	300.0%
8250 DISCOUNTS	-5,985		-1,381		-	-
<b>TOTAL NON-PAYROLL</b>	<b>3,584,150</b>	<b>3,848,589</b>	<b>3,603,491</b>	<b>3,695,234</b>	<b>-4.0%</b>	<b>2.5%</b>
<b>TOTAL</b>	<b>5,614,900</b>	<b>5,926,859</b>	<b>5,679,600</b>	<b>5,717,656</b>	<b>-3.5%</b>	<b>0.7%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Conveyance 4200**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	267,974	278,688	278,753	279,495	0.3%	0.3%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4030 HOLIDAY PREMIUM	0	0	0	0	-	-
4040 SHIFT	354	550	550	550	0.0%	0.0%
4050 VACATION	31,339	29,484	29,492	29,922	1.5%	1.5%
4060 HOLIDAY	11,174	11,463	11,466	11,656	1.7%	1.7%
4070 PERSONAL LEAVE	3,319	3,821	3,822	3,885	1.7%	1.7%
4080 SICK	3,811	11,574	11,575	11,780	1.8%	1.8%
SUB TOTAL	317,971	335,580	335,657	337,289	0.5%	0.5%
4090 OVERTIME	36,995	40,000	35,000	35,000	-12.5%	0.0%
SUB TOTAL	354,966	375,580	370,657	372,289	-0.9%	0.4%
4200 EMPLOYERS FICA	21,272	23,323	23,018	23,119	-0.9%	0.4%
4210 EMPLOYERS FICA/MEDIC	4,975	5,455	5,383	5,407	-0.9%	0.4%
4220 EMPLOYERS PERA	26,920	28,169	27,799	27,922	-0.9%	0.4%
4240 GROUP HOSP/MED	96,449	102,791	102,791	105,487	2.6%	2.6%
4260 GROUP DENTAL	4,191	4,567	4,567	4,348	-4.8%	-4.8%
4280 GROUP LIFE	333	338	339	339	0.4%	0.2%
4300 LONG-TERM DISABILITY	897	938	938	943	0.5%	0.5%
SUB TOTAL	155,037	165,581	164,835	167,565	1.2%	1.7%
<b>TOTAL PAYROLL</b>	<b>510,003</b>	<b>541,161</b>	<b>535,493</b>	<b>539,854</b>	<b>-0.2%</b>	<b>0.8%</b>
4820 FUEL-NATURAL GAS	4,305	4,500	4,500	4,500	0.0%	0.0%
5000 ELECTRICITY	847,029	1,018,630	875,000	1,000,013	-1.8%	14.3%
5200 TELEPHONE	3,029	2,000	3,500	4,000	100.0%	14.3%
5210 TELEMETER	116,900	125,000	120,000	110,000	-12.0%	-8.3%
5230 DIESEL	1,440	4,500	4,500	4,500	0.0%	0.0%
5240 WATER	21,268	20,000	20,000	22,000	10.0%	10.0%
5570 REPAIRS-INTERCEPTORS	3,195	20,000	38,500	20,000	0.0%	-48.1%
5580 CLEAN-INTERCEPTORS	35,400	250,000	205,000	43,922	-82.4%	-78.6%
5805 CONT SERV-BIOFILTER	31,862	12,000	15,000	0	-100.0%	-100.0%
5860 CONT SERV-OTHER	9,907	10,000	40,000	10,000	0.0%	-75.0%
6000 SUPPLIES-BUILDING	0	0	142	0	-	-100.0%
6010 SUPPLIES-EQUIPMENT	19,877	22,000	22,000	22,000	0.0%	0.0%
6090 SUPPLIES-OTHER		0	0	0	-	-
6120 SUPPLIES SITE		0	0	0	-	-
6910 TRAINING EXPENSES	685	4,500	3,000	3,000	-33.3%	0.0%
7200 EASEMENTS	25,987	18,000	20,000	20,000	11.1%	0.0%
7800 LAUNDRY	1,536	2,500	1,400	2,000	-20.0%	42.9%
8250 DISCOUNTS	-80	0	0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>1,122,340</b>	<b>1,513,630</b>	<b>1,372,542</b>	<b>1,265,935</b>	<b>-16.4%</b>	<b>-7.8%</b>
<b>TOTAL</b>	<b>1,632,343</b>	<b>2,054,791</b>	<b>1,908,035</b>	<b>1,805,789</b>	<b>-12.1%</b>	<b>-5.4%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Biosolids 4300**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	400,403	418,530	418,397	420,716	0.5%	0.6%
4040 SHIFT	18	0	0	0	-	-
4050 VACATION	39,547	41,233	41,217	41,264	0.1%	0.1%
4060 HOLIDAY	16,594	17,267	17,261	17,277	0.1%	0.1%
4070 PERSONAL LEAVE	4,845	5,756	5,754	5,759	0.1%	0.1%
4080 SICK	21,555	16,030	16,029	16,033	0.0%	0.0%
SUB TOTAL	482,962	498,816	498,658	501,049	0.4%	0.5%
4090 OVERTIME	25,067	25,000	25,000	10,000	-60.0%	-60.0%
SUB TOTAL	508,029	523,816	523,658	511,049	-2.4%	-2.4%
4200 EMPLOYERS FICA	30,415	32,613	32,603	31,821	-2.4%	-2.4%
4210 EMPLOYERS FICA/MEDIC	7,113	7,627	7,625	7,442	-2.4%	-2.4%
4220 EMPLOYERS PERA	37,818	39,436	39,424	38,479	-2.4%	-2.4%
4240 GROUP HOSP/MED	148,867	166,424	154,565	158,611	-4.7%	2.6%
4260 GROUP DENTAL	6,517	7,612	6,973	6,686	-12.2%	-4.1%
4280 GROUP LIFE	651	656	656	657	0.2%	0.2%
4300 LONG-TERM DISABILITY	1,357	1,397	1,396	1,403	0.4%	0.5%
4350 UNEMPLOYMENT	2,063	0	0		-	-
SUB TOTAL	234,801	255,765	243,243	245,100	-4.2%	0.8%
<b>TOTAL PAYROLL</b>	<b>742,830</b>	<b>779,581</b>	<b>766,901</b>	<b>756,149</b>	<b>-3.0%</b>	<b>-1.4%</b>
4820 FUEL-NATURAL GAS	1,798	3,800	3,000	3,000	-21.1%	0.0%
5000 ELECTRICITY	715	1,000	1,000	1,000	0.0%	0.0%
5200 TELEPHONE	1,318	1,300	1,300	1,300	0.0%	0.0%
5230 DIESEL	86,305	94,911	72,000	70,436	-25.8%	-2.2%
5850 CONT SERV-LAND APPLICA	0		0		-	-
5852 CONT SERV-FIELD WORK	3,821	8,000	2,000	2,000	-75.0%	0.0%
5860 CONT SERV-OTHER	21,505	20,000	20,000	15,000	-25.0%	-25.0%
6000 SUPPLIES-BUILDING	98	200	200	200	0.0%	0.0%
6010 SUPPLIES-EQUIP	9,555	16,000	16,000	15,000	-6.3%	-6.3%
6090 SUPPLIES-OTHER	22	500	500	500	0.0%	0.0%
6110 SUPPLIES-SAFETY	1,079	600	600	600	0.0%	0.0%
6910 TRAINING EXPENSES	5,236	5,000	5,000	5,000	0.0%	0.0%
7210 RENT-EQUIPMENT	0		0	0	-	-
7400 TRAVEL	0	600	1,184	0	-100.0%	-100.0%
7800 LAUNDRY	1,783	1,847	1,847	1,847	0.0%	0.0%
8000 DUES	0	200	200	200	0.0%	0.0%
8010 PUBLICATIONS	0	200	200	0	-100.0%	-100.0%
8250 DISCOUNTS	-28		-15		-	-
<b>TOTAL NON-PAYROLL</b>	<b>133,207</b>	<b>154,158</b>	<b>125,016</b>	<b>116,083</b>	<b>-24.7%</b>	<b>-7.1%</b>
<b>TOTAL</b>	<b>876,037</b>	<b>933,739</b>	<b>891,917</b>	<b>872,232</b>	<b>-6.6%</b>	<b>-2.2%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Environmental Programs Wastewater 4700**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	116,840	127,051	109,667	97,703	-23.1%	-10.9%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4040 SHIFT	22	110	110	55	-50.0%	-50.0%
4050 VACATION	15,169	11,212	9,615	7,083	-36.8%	-26.3%
4060 HOLIDAY	4,937	5,111	4,394	3,838	-24.9%	-12.6%
4070 PERSONAL LEAVE	1,604	1,704	1,465	1,279	-24.9%	-12.6%
4080 SICK	3,130	4,273	3,479	2,855	-33.2%	-17.9%
SUB TOTAL	141,702	149,461	128,729	112,814	-24.5%	-12.4%
4090 OVERTIME	5,631	6,000	2,000	3,000	-50.0%	50.0%
SUB TOTAL	147,333	155,461	130,729	115,814	-25.5%	-11.4%
4200 EMPLOYERS FICA	8,735	9,694	8,347	7,236	-25.4%	-13.3%
4210 EMPLOYERS FICA/MEDIC	2,043	2,267	1,952	1,692	-25.3%	-13.3%
4220 EMPLOYERS PERA	10,946	11,727	10,097	8,754	-25.4%	-13.3%
4240 GROUP HOSP/MED	16,440	17,055	14,504	13,002	-23.8%	-10.4%
4260 GROUP DENTAL	790	830	709	664	-20.0%	-6.3%
4280 GROUP LIFE	221	229	213	202	-11.6%	-5.0%
4300 LONG-TERM DISABILITY	391	418	360	316	-24.5%	-12.3%
SUB TOTAL	39,566	42,220	36,182	31,866	-24.5%	-11.9%
<b>TOTAL PAYROLL</b>	<b>186,899</b>	<b>197,681</b>	<b>166,911</b>	<b>147,680</b>	<b>-25.3%</b>	<b>-11.5%</b>
5200 TELEPHONE	210	210	210	210	0.0%	0.0%
5845 CONT SERV-GRANT	18,902	0	0		-	-
5860 CONT SERV-OTHER	0	5,125	10,750	6,813	32.9%	-36.6%
5865 CONT SERV-OTHER-GR	0	0	0		-	-
5880 CONT SERV-AD AGENCY	3,770	4,500	4,500	4,000	-11.1%	-11.1%
5885 CONT SERV-AD AGENCY-GR	0	0	0		-	-
6010 SUPPLIES-EQUIPMENT	0	500	0	500	0.0%	-
6015 SUPPLIES-EQUIP-GRANT	0	0	0		-	-
6090 SUPPLIES-OTHER	18,139	3,950	3,950	3,450	-12.7%	-12.7%
6095 SUPPLIES-OTHER- GRANT	0	0	0		-	-
6910 TRAINING EXPENSES	2,071	4,510	2,000	1,135	-74.8%	-43.3%
7020 PUBLIC INFORMATION	19,423	19,138	19,400	18,538	-3.1%	-4.4%
7025 PUBLIC INFORMATION-GR	0	0	0		-	-
7030 PUBLIC INFORMATION-RECY	0	0	0		-	-
7040 PUBLIC INFORMATION-HHW	0	0	0		-	-
7400 TRAVEL	0	0	0		-	-
7405 TRAVEL-GRANT	0	0	0		-	-
7800 LAUNDRY	30	50	30	50	0.0%	66.7%
8000 DUES	482	730	600	730	0.0%	21.7%
8010 PUBLICATIONS	0	0	0		-	-
8200 POSTAGE	543	900	400	750	-16.7%	87.5%
8205 POSTAGE-GRANT	0	0	0		-	-
8210 COPYING & PRINTING	2,799	7,450	7,800	5,925	-20.5%	-24.0%
8215 COPYING & PRINT-GR	0	0	0		-	-
8250 DISCOUNTS	0	0	0		-	-
8600 GRANTS TO GOV UNITS	4,125	16,500	8,250	16,500	0.0%	100.0%
8620 PROGRAM DEVELOPMENT	2,342	14,750	5,000	10,125	-31.4%	102.5%
8625 PROGRAM DEV GRANT	0	0	0		-	-
<b>TOTAL NON-PAYROLL</b>	<b>72,836</b>	<b>78,313</b>	<b>62,890</b>	<b>68,726</b>	<b>-12.2%</b>	<b>9.3%</b>
<b>TOTAL</b>	<b>259,735</b>	<b>275,994</b>	<b>229,801</b>	<b>216,406</b>	<b>-21.6%</b>	<b>-5.8%</b>

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Allocated Departments

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Business Services 6000**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	733,906	829,366	785,408	786,673	-5.1%	0.2%
4040 SHIFT	3	0	0	0	-	-
4050 VACATION	75,255	72,096	69,739	77,658	7.7%	11.4%
4060 HOLIDAY	30,128	33,295	31,694	32,098	-3.6%	1.3%
4070 PERSONAL LEAVE	10,263	11,098	10,565	10,699	-3.6%	1.3%
4080 SICK	47,303	23,323	20,770	20,222	-13.3%	-2.6%
SUB TOTAL	896,858	969,178	918,176	927,352	-4.3%	1.0%
4090 OVERTIME	12,934	10,000	7,500	10,000	0.0%	33.3%
SUB TOTAL	909,792	979,178	925,676	937,352	-4.3%	1.3%
4200 EMPLOYERS FICA	55,083	61,205	57,857	58,736	-4.0%	1.5%
4210 EMPLOYERS FICA/MEDIC	13,075	14,314	13,531	13,737	-4.0%	1.5%
4220 EMPLOYERS PERA	69,891	74,038	69,988	71,051	-4.0%	1.5%
4240 GROUP HOSP/MED	179,446	187,159	220,659	223,155	19.2%	1.1%
4260 GROUP DENTAL	8,704	8,750	10,889	10,474	19.7%	-3.8%
4280 GROUP LIFE	1,892	1,922	1,954	2,025	5.4%	3.7%
4300 LONG-TERM DISABILITY	2,462	2,714	2,571	2,597	-4.3%	1.0%
4340 WORKERS COMP	191,833	190,000	185,000	190,000	0.0%	2.7%
4350 UNEMPLOYMENT COMP	0	0	0	0	-	-
4390 OTHER BENEFITS	35,777	28,000	28,000	32,000	14.3%	14.3%
SUB TOTAL	558,163	568,102	590,448	603,774	6.3%	2.3%
<b>TOTAL PAYROLL</b>	<b>1,467,955</b>	<b>1,547,280</b>	<b>1,516,125</b>	<b>1,541,126</b>	<b>-0.4%</b>	<b>1.6%</b>
4500 CONTRACT LABOR	0	0	0	0	-	-
4520 CONTRACT CLEANING	38,916	39,305	39,305	39,305	0.0%	0.0%
5000 ELECTRICITY	38,098	43,892	43,892	49,062	11.8%	11.8%
5200 TELEPHONE	17,488	16,980	16,170	17,400	2.5%	7.6%
5220 GASOLINE	26,547	24,000	20,000	20,250	-15.6%	1.3%
5860 CONT SERV-OTHER	66,712	40,552	40,000	38,602	-4.8%	-3.5%
5870 CONT SERV-DP MAINT	223,194	229,654	229,150	232,701	1.3%	1.5%
5875 CONT SERV-SERV FEE	45,524	45,650	45,650	45,650	0.0%	0.0%
6070 SUPPLIES-OFFICE	4,628	4,500	4,500	4,500	0.0%	0.0%
6090 SUPPLIES-OTHER	6,505	4,000	4,500	4,500	12.5%	0.0%
6140 SUPPLIES-TRAINING	0	0	0	0	-	-
6560 INSURANCE-PROPERTY/LIAB	162,120	170,000	170,000	170,000	0.0%	0.0%
6700 LEGAL	123,042	150,000	175,000	150,000	0.0%	-14.3%
6750 AUDIT	31,360	32,360	32,360	33,300	2.9%	2.9%
6900 SAFETY PROGRAM	76,257	89,374	110,000	80,339	-10.1%	-27.0%
6905 TRAINING MATERIALS	253	500	0	500	0.0%	-
6910 TRAINING EXPENSES	7,244	6,000	3,000	3,000	-50.0%	0.0%
6920 TRAINING-TRAVEL	0	0	0	0	-	-
6930 PERSONNEL	16,030	12,500	10,000	5,000	-60.0%	-50.0%
6940 LICENSE REIMBURSE	511	1,000	1,000	1,000	0.0%	0.0%
6950 TUITION REIMBURSE	7,337	6,000	4,000	4,000	-33.3%	0.0%
7000 OTHER SPECIAL SERV	63,888	86,100	85,000	66,100	-23.2%	-22.2%
7010 BOARD MEMBERS COMP	16,984	18,500	12,500	12,500	-32.4%	0.0%
7020 PUBLIC INFORMATION	0	0	0	0	-	-
7220 RENT-MOTOR VEHICLE	1,530	0	813	1,000	-	23.0%
7300 MEETING EXPENSES	7,062	6,250	5,000	2,500	-60.0%	-50.0%
7400 TRAVEL	3,070	2,000	750	500	-75.0%	-33.3%
8000 DUES	18,526	15,000	15,000	15,000	0.0%	0.0%
8010 PUBLICATIONS	4,876	4,000	4,530	4,000	0.0%	-11.7%
8200 POSTAGE	17,058	16,000	12,500	12,500	-21.9%	0.0%
8210 COPYING & PRINTING	16,109	17,500	16,000	16,000	-8.6%	0.0%
8250 DISCOUNTS	0	0	0	0	-	-
8500 BANK SERV CHARGE	526	350	350	350	0.0%	0.0%
<b>TOTAL NON-PAYROLL</b>	<b>1,041,395</b>	<b>1,081,967</b>	<b>1,100,970</b>	<b>1,029,559</b>	<b>-4.8%</b>	<b>-6.5%</b>
<b>TOTAL</b>	<b>2,509,350</b>	<b>2,629,247</b>	<b>2,617,095</b>	<b>2,570,685</b>	<b>-2.2%</b>	<b>-1.8%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Total Maintenance Mechanical (6600) & Electrical (6800)**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>6600 &amp; 6800</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>BUDGET</b>	<b>BUDG 21/</b>	<b>BUDG 21/</b>
				<b>2021</b>	<b>BUDG 2020</b>	<b>EST 2020</b>
4010 DIRECT WAGES	1,283,174	1,385,128	1,384,281	1,345,847	-2.8%	-2.8%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4040 SHIFT	161	116	116	110	-5.2%	-4.8%
4050 VACATION	117,830	93,577	94,173	96,542	3.2%	2.5%
4060 HOLIDAY	53,127	54,749	55,174	53,889	-1.6%	-2.3%
4070 PERSONAL LEAVE	16,856	18,250	18,391	17,963	-1.6%	-2.3%
4080 SICK	59,479	54,477	54,897	53,428	-1.9%	-2.7%
SUB TOTAL	1,530,627	1,606,297	1,607,032	1,567,779	-2.4%	-2.4%
4090 OVERTIME	58,174	52,092	62,092	50,000	-4.0%	-19.5%
SUB TOTAL	1,588,801	1,658,389	1,669,124	1,617,779	-2.4%	-3.1%
4200 EMPLOYERS FICA	95,200	103,093	103,511	100,575	-2.4%	-2.8%
4210 EMPLOYERS FICA/MEDIC	22,265	24,111	24,208	23,522	-2.4%	-2.8%
4220 EMPLOYERS PERA	118,871	124,709	125,214	121,663	-2.4%	-2.8%
4240 GROUP HOSP/MED	352,124	399,020	412,416	414,120	3.8%	0.4%
4260 GROUP DENTAL	15,179	17,905	17,904	17,033	-4.9%	-4.9%
4280 GROUP LIFE	1,638	1,803	1,809	1,759	-2.4%	-2.7%
4300 LONG-TERM DISABILITY	3,945	4,497	4,499	4,389	-2.4%	-2.4%
4350 UNEMPLOYMENT						
SUB TOTAL	609,222	675,138	689,562	683,061	1.2%	-0.9%
<b>TOTAL PAYROLL</b>	<b>2,198,023</b>	<b>2,333,527</b>	<b>2,358,686</b>	<b>2,300,841</b>	<b>-1.4%</b>	<b>-2.5%</b>
4500 CONTRACT LABOR	0	0	0	0	-	-
5200 TELEPHONE	4,062	3,732	5,050	4,300	15.2%	-14.9%
5230 DIESEL	1,699	1,870	1,500	1,700	-9.1%	13.3%
5510 INVOICE TOLERANCE	1	0	81	0		
5512 INVOICE MATCH WRITE OFF	12	0	7,690	0	-	-100.0%
5520 REPAIRS-MAINTENANCE	688,815	725,000	690,000	618,000	-14.8%	-10.4%
5525 INVENTORY ADJUSTMENTS	21,749	0	3,313	0	-	-100.0%
5530 INVENTORY COST VARIANCE	301	0	1,163	0	-	-100.0%
5560 REPAIRS-MOBILE	0	0	0	0	-	-
5800 CONT SERV-ELECTRIC	101,222	35,000	64,440	30,000	-14.3%	-53.4%
5820 CONT SERV-O&M PLANT	77,622	120,000	120,000	100,000	-16.7%	-16.7%
5825 CONT SERV-LARGE PROJ	0	0	0	0	-	-
5835 CONT SERV-GENERATORS	41,253	33,000	45,000	33,000	0.0%	-26.7%
5840 CONT SERV-MOBILE	111,562	162,000	160,000	130,000	-19.8%	-18.8%
5860 CONT SERV-OTHER	87,891	136,300	158,352	112,000	-17.8%	-29.3%
5895 MNHARP REPAIR EXPENSE	3,337	0	0	0	-	-
6050 SUPPLIES-LUBE	15,252	14,000	14,000	15,500	10.7%	10.7%
6060 SUPPLIES-MAINTENANCE	50,405	50,000	68,313	50,000	0.0%	-26.8%
6090 SUPPLIES-OTHER	283	0	860	0	-	-100.0%
6110 SUPPLIES-SAFETY	10,182	6,200	6,848	6,700	8.1%	-2.2%
6130 SUPPLIES-TOOLS	27,327	20,000	22,218	19,000	-5.0%	-14.5%
6910 TRAINING EXPENSES	8,154	16,000	11,000	12,000	-25.0%	9.1%
7210 RENT-EQUIPMENT	0	1,200	0	1,000	-16.7%	-
7800 LAUNDRY	11,864	13,165	13,165	12,200	-7.3%	-7.3%
8020 PERMITS	314	5,000	3,100	2,000	-60.0%	-35.5%
8250 DISCOUNTS	-340	0	-128	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>1,262,967</b>	<b>1,342,467</b>	<b>1,395,965</b>	<b>1,147,400</b>	<b>-14.5%</b>	<b>-17.8%</b>
<b>TOTAL</b>	<b>3,460,990</b>	<b>3,675,994</b>	<b>3,754,651</b>	<b>3,448,241</b>	<b>-6.2%</b>	<b>-8.2%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Mechanical Maintenance 6600**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	724,085	761,781	762,376	718,771	-5.6%	-5.7%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4040 SHIFT	85	66	66	61	-8.3%	-8.3%
4050 VACATION	54,240	45,558	46,017	45,911	0.8%	-0.2%
4060 HOLIDAY	29,666	29,931	30,272	28,613	-4.4%	-5.5%
4070 PERSONAL LEAVE	9,023	9,977	10,091	9,538	-4.4%	-5.5%
4080 SICK	39,798	30,229	30,550	28,681	-5.1%	-6.1%
SUB TOTAL	856,897	877,542	879,371	831,574	-5.2%	-5.4%
4090 OVERTIME	26,999	36,092	36,092	30,000	-16.9%	-16.9%
SUB TOTAL	883,896	913,634	915,463	861,574	-5.7%	-5.9%
4200 EMPLOYERS FICA	52,408	56,782	56,895	53,554	-5.7%	-5.9%
4210 EMPLOYERS FICA/MEDIC	12,276	13,280	13,306	12,525	-5.7%	-5.9%
4220 EMPLOYERS PERA	65,993	68,688	68,825	64,783	-5.7%	-5.9%
4240 GROUP HOSP/MED	210,357	235,709	237,359	234,575	-0.5%	-1.2%
4260 GROUP DENTAL	8,889	10,102	10,102	9,461	-6.3%	-6.3%
4280 GROUP LIFE	922	967	973	922	-4.7%	-5.3%
4300 LONG-TERM DISABILITY	2,232	2,457	2,462	2,328	-5.2%	-5.4%
4350 UNEMPLOYMENT	0	0	0	0	-	-
SUB TOTAL	353,077	387,985	389,922	378,148	-2.5%	-3.0%
<b>TOTAL PAYROLL</b>	<b>1,236,973</b>	<b>1,301,619</b>	<b>1,305,385</b>	<b>1,239,722</b>	<b>-4.8%</b>	<b>-5.0%</b>
4500 CONTRACT LABOR	0	0	0	0	-	-
5200 TELEPHONE	2,394	2,532	2,350	2,300	-9.2%	-2.1%
5230 DIESEL	1,699	1,870	1,500	1,700	-9.1%	13.3%
5510 INVOICE TOLERANCE	1	0	81	0	-	-
5512 INVOICE MATCH WRITE OFF	12	0	7,690	0	-	-100.0%
5520 REPAIRS-MAINTENANCE	458,957	450,000	450,000	442,000	-1.8%	-1.8%
5525 INVENTORY ADJUSTMENTS	21,749	0	3,313	0	-	-100.0%
5530 INVENTORY COST VARIANCE	301	0	1,163	0	-	-100.0%
5560 REPAIRS-MOBILE	0	0	0	0	-	-
5800 CONT SERV-ELECTRIC	0	0	0	0	-	-
5820 CONT SERV-O&M PLANT	77,622	120,000	120,000	100,000	-16.7%	-16.7%
5825 CONT SERV-LARGE PROJ	0	0	0	0	-	-
5835 CONT SERV-GENERATORS	0	0	0	0	-	-
5840 CONT SERV-MOBILE	111,562	162,000	160,000	130,000	-19.8%	-18.8%
5860 CONT SERV-OTHER	86,620	136,300	136,300	110,000	-19.3%	-19.3%
5895 MNSharp REPAIR EXPENSE	2,888	0	0	0	-	-
6050 SUPPLIES-LUBE	15,252	14,000	14,000	15,500	10.7%	10.7%
6060 SUPPLIES-MAINTENANCE	40,671	45,000	45,000	45,000	0.0%	0.0%
6090 SUPPLIES-OTHER	283	0	860	0	-	-100.0%
6110 SUPPLIES-SAFETY	5,530	5,000	5,024	5,500	10.0%	9.5%
6130 SUPPLIES-TOOLS	13,973	15,000	15,000	15,000	0.0%	0.0%
6910 TRAINING EXPENSES	3,461	7,000	5,000	7,000	0.0%	40.0%
7210 RENT-EQUIPMENT	0	1,200	0	1,000	-16.7%	-
7800 LAUNDRY	7,546	8,165	8,165	8,000	-2.0%	-2.0%
8020 PERMITS	300	0	100	0	-	-100.0%
8250 DISCOUNTS	-128	0	-40	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>850,693</b>	<b>968,067</b>	<b>975,506</b>	<b>883,000</b>	<b>-8.8%</b>	<b>-9.5%</b>
<b>TOTAL</b>	<b>2,087,666</b>	<b>2,269,686</b>	<b>2,280,891</b>	<b>2,122,722</b>	<b>-6.5%</b>	<b>-6.9%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Electrical Maintenance 6800**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	559,089	623,347	621,905	627,076	0.6%	0.8%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4040 SHIFT	76	50	50	50	-1.0%	0.0%
4050 VACATION	63,590	48,019	48,156	50,630	5.4%	5.1%
4060 HOLIDAY	23,461	24,818	24,902	25,277	1.8%	1.5%
4070 PERSONAL LEAVE	7,833	8,273	8,301	8,426	1.8%	1.5%
4080 SICK	19,681	24,248	24,347	24,747	2.1%	1.6%
SUB TOTAL	673,730	728,755	727,661	736,205	1.0%	1.2%
4090 OVERTIME	31,175	16,000	26,000	20,000	25.0%	-23.1%
SUB TOTAL	704,905	744,755	753,661	756,205	1.5%	0.3%
4200 EMPLOYERS FICA	42,792	46,311	46,615	47,021	1.5%	0.9%
4210 EMPLOYERS FICA/MEDIC	9,989	10,831	10,902	10,997	1.5%	0.9%
4220 EMPLOYERS PERA	52,878	56,021	56,390	56,880	1.5%	0.9%
4240 GROUP HOSP/MED	141,767	163,311	175,057	179,545	9.9%	2.6%
4260 GROUP DENTAL	6,290	7,803	7,803	7,572	-3.0%	-3.0%
4280 GROUP LIFE	716	836	836	837	0.2%	0.2%
4300 LONG-TERM DISABILITY	1,713	2,040	2,037	2,061	1.0%	1.2%
SUB TOTAL	256,145	287,153	299,640	304,914	6.2%	1.8%
<b>TOTAL PAYROLL</b>	<b>961,050</b>	<b>1,031,908</b>	<b>1,053,301</b>	<b>1,061,119</b>	<b>2.8%</b>	<b>0.7%</b>
4500 CONTRACT LABOR	0	0	0	0	-	-
5200 TELEPHONE	1,668	1,200	2,700	2,000	66.7%	-25.9%
5230 DIESEL	0	0	0	0	-	-
5510 INVOICE TOLERANCE	0	0	0	0	-	-
5512 INVOICE MATCH WRITE OFF	0	0	0	0	-	-
5520 REPAIRS-MAINTENANCE	229,858	275,000	240,000	176,000	-36.0%	-26.7%
5525 INVENTORY ADJUSTMENTS	0	0	0	0	-	-
5530 INVENTORY COST VARIANCE	0	0	0	0	-	-
5560 REPAIRS-MOBILE	0	0	0	0	-	-
5800 CONT SERV-ELECTRIC	101,222	35,000	64,440	30,000	-14.3%	-53.4%
5820 CONT SERV-O&M PLANT	0	0	0	0	-	-
5825 CONT SERV-LARGE PROJ	0	0	0	0	-	-
5835 CONT SERV-GENERATORS	41,253	33,000	45,000	33,000	0.0%	-26.7%
5840 CONT SERV-MOBILE	0	0	0	0	-	-
5860 CONT SERV-OTHER	1,271	0	22,052	2,000	-	-90.9%
5895 MNSHARP REPAIR EXPENSE	449	0	0	0	-	-
6050 SUPPLIES-LUBE	0	0	0	0	-	-
6060 SUPPLIES-MAINTENANCE	9,734	5,000	23,313	5,000	0.0%	-78.6%
6090 SUPPLIES-OTHER	0	0	0	0	-	-
6110 SUPPLIES-SAFETY	4,652	1,200	1,824	1,200	0.0%	-34.2%
6130 SUPPLIES-TOOLS	13,354	5,000	7,218	4,000	-20.0%	-44.6%
6910 TRAINING EXPENSES	4,693	9,000	6,000	5,000	-44.4%	-16.7%
7210 RENT-EQUIPMENT	0	0	0	0	-	-
7800 LAUNDRY	4,318	5,000	5,000	4,200	-16.0%	-16.0%
8020 PERMITS	14	5,000	3,000	2,000	-60.0%	-33.3%
8250 DISCOUNTS	-212	0	-88	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>412,274</b>	<b>374,400</b>	<b>420,459</b>	<b>264,400</b>	<b>-29.4%</b>	<b>-37.1%</b>
<b>TOTAL</b>	<b>1,373,324</b>	<b>1,406,308</b>	<b>1,473,760</b>	<b>1,325,519</b>	<b>-5.7%</b>	<b>-10.1%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Planning & Engineering 7000**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	560,206	635,093	619,144	709,984	11.8%	14.7%
4040 SHIFT	70	88	88	88	0.0%	0.0%
4050 VACATION	59,217	56,987	58,150	65,738	15.4%	13.0%
4060 HOLIDAY	23,173	25,936	25,373	29,022	11.9%	14.4%
4070 PERSONAL LEAVE	6,970	8,645	8,458	9,674	11.9%	14.4%
4080 SICK	10,702	25,056	23,535	25,823	3.1%	9.7%
SUB TOTAL	660,338	751,805	734,748	840,330	11.8%	14.4%
4090 OVERTIME	12,377	12,000	12,000	12,000	0.0%	0.0%
SUB TOTAL	672,715	763,805	746,748	852,330	11.6%	14.1%
4200 EMPLOYERS FICA	38,817	45,820	46,464	51,991	13.5%	11.9%
4210 EMPLOYERS FICA/MEDIC	9,078	11,104	10,867	12,417	11.8%	14.3%
4220 EMPLOYERS PERA	50,557	57,435	56,206	64,225	11.8%	14.3%
4240 GROUP HOSP/MED	179,532	215,144	207,175	245,319	14.0%	18.4%
4260 GROUP DENTAL	7,851	9,603	9,291	10,257	6.8%	10.4%
4280 GROUP LIFE	749	828	886	1,108	33.9%	25.0%
4300 LONG-TERM DISABILITY	1,860	2,105	2,057	2,353	11.8%	14.4%
SUB TOTAL	288,444	342,039	332,946	387,670	13.3%	16.4%
<b>TOTAL PAYROLL</b>	<b>961,159</b>	<b>1,105,844</b>	<b>1,079,693</b>	<b>1,240,000</b>	<b>12.1%</b>	<b>14.8%</b>
5200 TELEPHONE	2,209	3,000	3,000	3,000	0.0%	0.0%
6010 SUPPLIES-EQUIPMENT	124		0	0	-	-
6070 SUPPLIES-OFFICE	0		0	0	-	-
6090 SUPPLIES-OTHER	920	700	2,500	700	0.0%	-72.0%
6910 TRAINING EXPENSES	6,641	10,000	6,000	10,000	0.0%	66.7%
7800 LAUNDRY	258	900	600	900	0.0%	50.0%
7810 ENGINEERING SERVICES	4,528	2,000	2,000	2,000	0.0%	0.0%
7900 SOLID WASTE MANAGEMENT F	0	200,000	200,000	0	-100.0%	-100.0%
8000 DUES	1,669	1,500	1,500	1,500	0.0%	0.0%
8010 PUBLICATIONS	0	200	200	200	0.0%	0.0%
8600 WASTEWATER PLANNING GRA	10,291	7,000	7,000	5,000	-28.6%	-28.6%
<b>TOTAL NON-PAYROLL</b>	<b>26,640</b>	<b>225,300</b>	<b>222,800</b>	<b>23,300</b>	<b>-89.7%</b>	<b>-89.5%</b>
<b>TOTAL</b>	<b>987,799</b>	<b>1,331,144</b>	<b>1,302,493</b>	<b>1,263,300</b>	<b>-5.1%</b>	<b>-3.0%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Management Information Services 7400**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	298,859	324,862	324,706	325,670	0.2%	0.3%
4020 SUNDAY PREMIUM	128	342	342	346	1.0%	1.0%
4040 SHIFT	59	48	48	48	0.8%	0.0%
4050 VACATION	21,322	22,648	22,629	22,834	0.8%	0.9%
4060 HOLIDAY	12,366	12,955	12,949	13,061	0.8%	0.9%
4070 PERSONAL LEAVE	3,444	4,318	4,316	4,354	0.8%	0.9%
4080 SICK	17,958	11,637	11,635	11,748	1.0%	1.0%
SUB TOTAL	354,136	376,810	376,627	378,061	0.3%	0.4%
4090 OVERTIME	10,384	9,600	12,100	9,600	0.0%	-20.7%
SUB TOTAL	364,520	386,410	388,727	387,661	0.3%	-0.3%
4200 EMPLOYERS FICA	21,228	24,081	23,990	24,159	0.3%	0.7%
4210 EMPLOYERS FICA/MEDIC	4,965	5,632	5,611	5,650	0.3%	0.7%
4220 EMPLOYERS PERA	27,185	29,131	29,020	29,225	0.3%	0.7%
4240 GROUP HOSP/MED	83,778	89,206	89,206	91,529	2.6%	2.6%
4260 GROUP DENTAL	3,802	4,109	4,109	4,007	-2.5%	-2.5%
4280 GROUP LIFE	504	506	506	507	0.2%	0.3%
4300 LONG-TERM DISABILITY	984	1,054	1,053	1,057	0.3%	0.4%
SUB TOTAL	142,446	153,719	153,495	156,135	1.6%	1.7%
<b>TOTAL PAYROLL</b>	<b>506,966</b>	<b>540,129</b>	<b>542,222</b>	<b>543,796</b>	<b>0.7%</b>	<b>0.3%</b>
5200 TELEPHONE	2,823	3,750	3,804	3,600	-4.0%	-5.4%
5210 TELEMETER	16,038	40,610	37,591	44,220	8.9%	17.6%
5813 CONT SERV-DISP ELECTRONIC	0	0	0	0	-	-
5868 CONT SERV-HARDWARE MAIN	16,035	31,213	36,950	64,475	106.6%	74.5%
5870 CONT SERV-DP MAINT	84,294	97,019	104,667	120,543	24.2%	15.2%
6010 SUPPLIES-EQUIPMENT	39,533	30,665	77,039	16,175	-47.3%	-79.0%
6070 SUPPLIES-OFFICE	0	0	71	0	-	-100.0%
6090 SUPPLIES-OTHER	458	400	170	400	0.0%	135.3%
6125 SUPPLIES-SOFTWARE	5,699	15,000	29,777	5,000	-66.7%	-83.2%
6910 TRAINING EXPENSES	9,510	12,950	4,450	0	-100.0%	-100.0%
7800 LAUNDRY	0	0	0	0	-	-
7810 ENGINEERING SERV	65,112	81,347	79,149	67,847	-16.6%	-14.3%
8000 DUES	0	0	0	0	-	-
8010 PUBLIC/COMM SERV	0	0	0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>239,502</b>	<b>312,954</b>	<b>373,668</b>	<b>322,260</b>	<b>3.0%</b>	<b>-13.8%</b>
<b>TOTAL</b>	<b>746,468</b>	<b>853,083</b>	<b>915,890</b>	<b>866,056</b>	<b>1.5%</b>	<b>-5.4%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Lab Services 7700**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	407,826	412,885	436,987	400,585	-3.0%	-8.3%
4040 SHIFT	2	0	0	0	-	-
4050 VACATION	41,546	42,222	45,089	35,343	-16.3%	-21.6%
4060 HOLIDAY	17,687	17,082	18,037	16,372	-4.2%	-9.2%
4070 PERSONAL LEAVE	4,266	5,694	6,012	5,457	-4.2%	-9.2%
4080 SICK	23,465	15,600	14,936	15,222	-2.4%	1.9%
SUB TOTAL	494,792	493,483	521,061	472,980	-4.2%	-9.2%
4090 OVERTIME	14,297	11,500	13,500	15,000	30.4%	11.1%
SUB TOTAL	509,089	504,983	534,561	487,980	-3.4%	-8.7%
4200 EMPLOYERS FICA	30,227	31,433	33,378	30,379	-3.4%	-9.0%
4210 EMPLOYERS FICA/MEDIC	7,069	7,351	7,806	7,105	-3.4%	-9.0%
4220 EMPLOYERS PERA	37,748	37,874	40,076	36,599	-3.4%	-8.7%
4240 GROUP HOSP/MED	98,979	104,365	112,334	107,094	2.6%	-4.7%
4260 GROUP DENTAL	4,430	4,748	5,168	4,568	-3.8%	-11.6%
4280 GROUP LIFE	629	626	794	583	-6.9%	-26.6%
4300 LONG-TERM DISABILITY	1,369	1,382	1,459	1,324	-4.2%	-9.2%
SUB TOTAL	180,451	187,779	201,014	187,651	-0.1%	-6.6%
<b>TOTAL PAYROLL</b>	<b>689,540</b>	<b>692,762</b>	<b>735,575</b>	<b>675,631</b>	<b>-2.5%</b>	<b>-8.1%</b>
5200 TELEPHONE	486	450	1,290	800	77.8%	-38.0%
5860 CONT SERV-OTHER	40,120	137,000	140,000	35,000	-74.5%	-75.0%
6010 SMALL EQUIPMENT	26,428	4,000	17,500	8,000	100.0%	-54.3%
6040 SUPPLIES-LAB	27,398	35,000	38,500	35,000	0.0%	-9.1%
6070 SUPPLIES-OFFICE	0	100	100	100	0.0%	0.0%
6090 SUPPLIES-OTHER	0	100	100	100	0.0%	0.0%
6910 TRAINING EXPENSES	3,441	1,000	1,000	500	-50.0%	-50.0%
7800 LAUNDRY	614	650	650	650	0.0%	0.0%
7820 LAB SERVICES	97,945	105,000	105,000	100,000	-4.8%	-4.8%
8000 DUES	342	200	200	100	-50.0%	-50.0%
8010 PUBLICATIONS	0	200	200	100	-50.0%	-50.0%
8020 PERMITS & CERTIFICATIONS	49,569	51,000	51,000	61,000	19.6%	19.6%
8250 DISCOUNTS	0		0	0	-	-
8620 PROGRAM DEVELOP	0		0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>246,343</b>	<b>334,700</b>	<b>355,540</b>	<b>241,350</b>	<b>-27.9%</b>	<b>-32.1%</b>
<b>TOTAL</b>	<b>935,883</b>	<b>1,027,462</b>	<b>1,091,115</b>	<b>916,981</b>	<b>-10.8%</b>	<b>-16.0%</b>



**WESTERN LAKE SUPERIOR SANITARY DISTRICT DEPARTMENTAL BUDGET  
SOLID WASTE SUMMARY**

	<u>ACTUAL 2019</u>	<u>BUDGET 2020</u>	<u>ESTIMATE 2020</u>	<u>BUDGET 2021</u>	<u>% CHANGE BUDG 21/ BUDG 2020</u>	<u>% CHANGE BUDG 21/ EST 2020</u>
<b>OPERATIONS</b>						
<b>WASTEWATER TREATMENT</b>						
4000 CLEAN WATER PRODUCTION	\$ -	\$ -	\$ -	\$ -	-	-
4200 CONVEYANCE SYSTEM	\$ -	\$ -	\$ -	\$ -	-	-
4300 BIOSOLIDS	\$ -	\$ -	\$ -	\$ -	-	-
4550 MAINTENANCE	\$ -	\$ -	\$ -	\$ -	-	-
4700 ENV PROG WW	\$ -	\$ -	\$ -	\$ -	-	-
4800 WW GRANTS	\$ -	\$ -	\$ -	\$ -	-	-
SUB TOTAL	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>-</u>	<u>-</u>
<b>SOLID WASTE OPERATIONS</b>						
5000 TRANSFER STATION 27TH	\$ 4,881,420	\$ 4,937,901	\$ 4,665,862	\$ 5,007,813	1.4%	7.3%
5100 MATERIALS RECOVERY CENTER	\$ 1,105,144	\$ 1,152,343	\$ 1,050,880	\$ 1,172,825	1.8%	11.6%
5500 ORGANICS COMPOSTING SITE	\$ 315,158	\$ 336,435	\$ 335,823	\$ 332,859	-1.1%	-0.9%
5600 HOUSEHOLD HAZARDOUS WASTE	\$ 797,124	\$ 859,527	\$ 877,485	\$ 866,547	0.8%	-1.2%
5700 ENV PROG SW	\$ 786,139	\$ 906,739	\$ 801,517	\$ 816,360	-10.0%	1.9%
5800 SW GRANTS	\$ -	\$ -	\$ -	\$ -	-	-
SUB TOTAL	<u>\$ 7,884,985</u>	<u>\$ 8,192,945</u>	<u>\$ 7,731,568</u>	<u>\$ 8,196,404</u>	<u>0.0%</u>	<u>6.0%</u>
<b>OPERATIONS &amp; MAINTENANCE</b>						
6600 MECHANICAL MAINTENANCE	\$ 151,356	\$ 164,552	\$ 165,365	\$ 153,897	-6.5%	-6.9%
6800 ELECTRICAL MAINTENANCE	\$ 99,566	\$ 101,957	\$ 106,848	\$ 96,100	-5.7%	-10.1%
<b>BUSINESS SERVICES</b>						
6000 BUSINESS SERVICES	\$ 889,974	\$ 932,497	\$ 928,187	\$ 911,727	-2.2%	-1.8%
<b>PLANNING &amp; TECH SERVICES</b>						
7000 PLANNING & ENGINEERING	\$ 256,828	\$ 495,851	\$ 485,179	\$ 328,458	-33.8%	-32.3%
7400 MANAGEMENT INFO SYS	\$ 182,914	\$ 209,039	\$ 224,429	\$ 212,218	1.5%	-5.4%
7700 LAB SERVICES	\$ 125,128	\$ 118,158	\$ 125,478	\$ 122,600	3.8%	-2.3%
SUB TOTAL	<u>\$ 564,869</u>	<u>\$ 823,048</u>	<u>\$ 835,086</u>	<u>\$ 663,276</u>	<u>-19.4%</u>	<u>-20.6%</u>
<b>TOTAL</b>	<u><u>\$ 9,590,750</u></u>	<u><u>\$ 10,214,999</u></u>	<u><u>\$ 9,767,052</u></u>	<u><u>\$ 10,021,405</u></u>	<u><u>-1.9%</u></u>	<u><u>2.6%</u></u>

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Direct Solid Waste Departments

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Transfer Station 5000**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	36,772	36,756	35,774	35,353	-3.8%	-1.2%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4030 HOLIDAY PREMIUM	16	0	0	0	-	-
4040 SHIFT	0	28	28	28	0.0%	0.0%
4050 VACATION	11,280	4,330	3,016	3,366	-22.3%	11.6%
4060 HOLIDAY	1,376	1,526	1,440	1,437	-5.8%	-0.2%
4070 PERSONAL LEAVE	371	509	480	479	-5.9%	-0.2%
4080 SICK	154	958	892	891	-6.9%	-0.1%
SUB TOTAL	49,969	44,107	41,629	41,555	-5.8%	-0.2%
4090 OVERTIME	687	1,000	1,000	1,000	0.0%	0.0%
SUB TOTAL	50,656	45,107	42,629	42,555	-5.7%	-0.2%
4200 EMPLOYERS FICA	3,173	2,827	2,674	2,669	-5.6%	-0.2%
4210 EMPLOYERS FICA/MEDIC	742	661	625	624	-5.6%	-0.2%
4220 EMPLOYERS PERA	3,365	3,420	3,235	3,229	-5.6%	-0.2%
4240 GROUP HOSP/MED	11,800	11,952	11,952	12,266	2.6%	2.6%
4260 GROUP DENTAL	532	556	556	530	-4.8%	-4.8%
4280 GROUP LIFE	86	91	88	88	-3.5%	-0.3%
4300 LONG-TERM DISABILITY	104	123	116	116	-5.5%	-0.2%
SUB TOTAL	19,802	19,630	19,247	19,522	-0.5%	1.4%
<b>TOTAL PAYROLL</b>	<b>70,458</b>	<b>64,737</b>	<b>61,877</b>	<b>62,077</b>	<b>-4.1%</b>	<b>0.3%</b>
5000 ELECTRICITY	4,754	6,000	4,200	5,000	-16.7%	19.0%
5200 TELEPHONE	146	150	272	300	100.0%	10.3%
5701 SW DISPOSAL-RESIDUE	3,880,485	4,029,207	3,815,739	4,085,413	1.4%	7.1%
5703 TR STA OPER & TRANS	861,840	801,557	747,024	818,273	2.1%	9.5%
5705 ANNUAL UNACCEPTABLE INCE	11,228	10,000	10,000	10,000	0.0%	0.0%
5810 CONT SERV-DISP APPL	0	0	0	0	-	-
5813 CONT SERV-DISP ELECTR	1,369	2,000	2,000	2,000	0.0%	0.0%
5815 CONT SERV-DISP TIRE	544	500	1,500	1,500	200.0%	0.0%
5860 CONT SERV-OTHER	47,427	17,000	16,000	16,000	-5.9%	0.0%
5900 CONT SERV-ENFORCEMENT	0	1,000	1,000	1,000	0.0%	0.0%
6000 SUPPLIES-BLDG	560	2,000	2,000	2,000	0.0%	0.0%
6090 SUPPLIES-OTHER	1,400	1,000	1,000	1,000	0.0%	0.0%
6910 TRAINING EXPENSES	796	1,500	1,500	1,500	0.0%	0.0%
6940 LICENSE REIMBURSE	0	0	0	0	-	-
8000 DUES	413	750	750	750	0.0%	0.0%
8210 COPYING & PRINTING	0	500	1,000	1,000	100.0%	0.0%
8250 DISCOUNTS	0	0	0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>4,810,962</b>	<b>4,873,164</b>	<b>4,603,986</b>	<b>4,945,736</b>	<b>1.5%</b>	<b>7.4%</b>
<b>TOTAL</b>	<b>4,881,420</b>	<b>4,937,901</b>	<b>4,665,862</b>	<b>5,007,813</b>	<b>1.4%</b>	<b>7.3%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Materials Recovery Center 5100**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	318,146	310,484	277,009	320,200	3.1%	15.6%
4020 SUNDAY PREMIUM	0	0	0	0	-	-
4030 HOLIDAY PREMIUM	16	0	0	0	-	-
4040 SHIFT	0	0	0	0	-	-
4050 VACATION	8,385	18,781	16,170	19,094	1.7%	18.1%
4060 HOLIDAY	12,800	11,970	10,708	12,531	4.7%	17.0%
4070 PERSONAL LEAVE	3,670	3,990	3,569	4,177	4.7%	17.0%
4080 SICK	5,981	12,563	11,190	13,218	5.2%	18.1%
SUB TOTAL	348,998	357,788	318,647	369,220	3.2%	15.9%
4090 OVERTIME	18,974	10,000	16,000	20,000	100.0%	25.0%
SUB TOTAL	367,972	367,788	334,647	389,220	5.8%	16.3%
4200 EMPLOYERS FICA	22,062	22,834	21,151	24,163	5.8%	14.2%
4210 EMPLOYERS FICA/MEDIC	5,160	5,340	4,947	5,651	5.8%	14.2%
4220 EMPLOYERS PERA	27,176	27,622	25,586	29,229	5.8%	14.2%
4240 GROUP HOSP/MED	61,510	53,874	53,874	55,180	2.4%	2.4%
4260 GROUP DENTAL	2,626	2,465	3,255	3,193	29.5%	-1.9%
4280 GROUP LIFE	407	451	397	448	-0.7%	12.8%
4300 LONG-TERM DISABILITY	850	1,002	892	1,034	3.2%	15.9%
4350 UNEMPLOYMENT COMP	3,138	7,000	20,000	7,500	7.1%	-62.5%
SUB TOTAL	122,929	120,588	130,102	126,397	4.8%	-2.8%
<b>TOTAL PAYROLL</b>	<b>490,901</b>	<b>488,376</b>	<b>464,749</b>	<b>515,617</b>	<b>5.6%</b>	<b>10.9%</b>
4520 CONTRACT CLEANING	3,648	4,000	4,000	4,000	0.0%	0.0%
4800 FUEL-FUEL OIL	2,656	4,000	2,500	4,000	0.0%	60.0%
5000 ELECTRICITY	5,051	5,000	6,000	5,000	0.0%	-16.7%
5200 TELEPHONE	2,044	1,500	2,400	2,400	60.0%	0.0%
5230 DIESEL	5,347	3,500	2,800	5,000	42.9%	78.6%
5240 WATER	0	500	500	0	-100.0%	-100.0%
5702 SW DISPOSAL-MRC	174,415	165,867	154,988	168,408	1.5%	8.7%
5704 SW HAULING-MRC	143,041	182,000	160,000	182,000	0.0%	13.8%
5706 SW DISPOSAL-COMMUNITY ASSISTANC	1,583	2,500	2,500	2,500	0.0%	0.0%
5790 CONT SERV-DISP HH RECYLING	26,665	30,000	30,000	30,000	0.0%	0.0%
5807 CONT SERV-WOOD GRINDING	3,690	2,000	3,000	3,000	50.0%	0.0%
5808 CONT SERV-SNOW PLOWING	19,371	20,000	20,000	20,000	0.0%	0.0%
5810 CONT SERV-DISP-APPL	0	0	0	0	-	-
5812 CONT SERV-MATRESSES	48,563	48,600	42,000	60,000	23.5%	42.9%
5813 CONT SERV-DISP-ELECTRONICS	97,978	100,000	85,000	100,000	0.0%	17.6%
5815 CONT SERV-DISP TIRE	33,878	31,000	31,000	31,000	0.0%	0.0%
5860 CONT SERV-OTHER	21,740	42,000	17,000	17,000	-59.5%	0.0%
5871 CONT SERV-MIBILE DEVICE	2,316	1,000	1,900	1,900	90.0%	0.0%
5895 MNSHARP REPAIR EXPENSE	0	0	0	0	-	-
6010 SUPPLIES-EQUIP	1,874	2,000	2,000	2,000	0.0%	0.0%
6070 SUPPLIES-OFFICE	651	1,000	1,000	1,000	0.0%	0.0%
6090 SUPPLIES-OTHER	5,917	4,000	4,000	4,000	0.0%	0.0%
6120 SUPPLIES-SITE	2,117	4,000	4,000	4,000	0.0%	0.0%
6910 TRAINING EXPENSES	24	0	0	0	-	-
6940 LICENSE REIMBURSE	0	0	43	0	-	-100.0%
7210 RENT-EQUIPMENT	0	0	0	0	-	100.0%
7800 LAUNDRY	3,414	4,500	4,500	4,500	0.0%	0.0%
8000 DUES	200	0	0	500	-	-
8210 COPYING & PRINTING	8,060	5,000	5,000	5,000	0.0%	0.0%
8250 DISCOUNTS	0	0	0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>614,243</b>	<b>663,967</b>	<b>586,131</b>	<b>657,208</b>	<b>-1.0%</b>	<b>12.1%</b>
<b>TOTAL</b>	<b>1,105,144</b>	<b>1,152,343</b>	<b>1,050,880</b>	<b>1,172,825</b>	<b>1.8%</b>	<b>11.6%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Yard Waste/Organics 5500**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	118,705	118,557	117,577	118,325	-0.2%	0.6%
4020 SUNDAY PREMIUM	3,783	0	0	0	-	-
4030 HOLIDAY PREMIUM	16	0	0	0	-	-
4040 SHIFT	9	0	0	0	-	-
4050 VACATION	14,607	10,739	9,425	9,775	-9.0%	3.7%
4060 HOLIDAY	4,778	4,862	4,776	4,773	-1.8%	-0.1%
4070 PERSONAL LEAVE	960	1,621	1,592	1,591	-1.8%	-0.1%
4080 SICK	563	4,664	4,598	4,598	-1.4%	0.0%
SUB TOTAL	143,421	140,443	137,969	139,062	-1.0%	0.8%
4090 OVERTIME	3,019	3,000	3,000	3,000	0.0%	0.0%
SUB TOTAL	146,440	143,443	140,969	142,062	-1.0%	0.8%
4200 EMPLOYERS FICA	8,761	8,925	8,771	8,839	-1.0%	0.8%
4210 EMPLOYERS FICA/MEDIC	2,049	2,087	2,051	2,067	-1.0%	0.8%
4220 EMPLOYERS PERA	11,202	10,796	10,610	10,692	-1.0%	0.8%
4240 GROUP HOSP/MED	38,832	39,317	39,317	40,297	2.5%	2.5%
4260 GROUP DENTAL	1,763	1,892	1,892	1,834	-3.1%	-3.1%
4280 GROUP LIFE	183	182	179	179	-1.9%	-0.1%
4300 LONG-TERM DISABILITY	352	393	386	389	-0.9%	0.8%
4350 UNEMPLOYMENT COMP	8,126	13,000	10,000	12,500	-3.8%	25.0%
SUB TOTAL	71,268	76,592	73,207	76,797	0.3%	4.9%
<b>TOTAL PAYROLL</b>	<b>217,708</b>	<b>220,035</b>	<b>214,175</b>	<b>218,859</b>	<b>-0.5%</b>	<b>2.2%</b>
4500 CONTRACT LABOR	0	0	0	0	-	-
5000 ELECTRICITY	2,803	5,500	3,500	3,500	-36.4%	0.0%
5200 TELEPHONE	862	1,000	1,000	1,000	0.0%	0.0%
5230 DIESEL	6,621	6,000	5,500	6,000	0.0%	9.1%
5240 WATER	979	700	1,000	1,000	42.9%	0.0%
5794 CONT SERV-DISP ORGANICS OVERS	2,100	1,000	1,500	1,500	50.0%	0.0%
5795 CONT SERV-DISP ORGANICS REJECTS	0	2,500	900	0	-100.0%	-100.0%
5806 CONT SERV-BAGGING	8,120	13,000	13,875	14,000	7.7%	0.9%
5807 CONT SERV-WOOD GRINDING	15,300	21,000	29,000	27,000	28.6%	-6.9%
5860 CONTRACT SERV-OTHER	15,200	10,000	10,000	10,000	0.0%	0.0%
5871 CONT SERV-MOBILE DEVICES	2,255	3,000	2,000	2,000	-33.3%	0.0%
6090 SUPPLIES-OTHER	2,914	8,000	7,000	5,000	-37.5%	-28.6%
6110 SUPPLIES-SAFETY	7		200	0		
6700 LEGAL	0	0	0	0	-	-
6910 TRAINING EXPENSES	2,608	2,500	0	2,500	0.0%	-
6940 LICENSE REIMBURSE	0	0	0	0	-	-
7210 RENT-EQUIPMENT	36,891	39,200	39,000	39,000	-0.5%	0.0%
7400 TRAVEL	5		0	0	100.0%	-
7800 LAUNDRY	0	500	500	500	0.0%	0.0%
8000 DUES	785	1,000	1,000	1,000	0.0%	0.0%
8010 PUBLICATIONS	0	0	0	0	-	-
8210 COPYING & PRINTING	0	1,500	5,673	0	-100.0%	-100.0%
8250 DISCOUNTS	0		0	0	-	-
<b>TOTAL NON-PAYROLL</b>	<b>97,450</b>	<b>116,400</b>	<b>121,648</b>	<b>114,000</b>	<b>-2.1%</b>	<b>-6.3%</b>
<b>TOTAL</b>	<b>315,158</b>	<b>336,435</b>	<b>335,823</b>	<b>332,859</b>	<b>-1.1%</b>	<b>-0.9%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Household Hazardous Waste 5600**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	224,076	276,858	266,011	270,538	-2.3%	1.7%
4030 HOLIDAY PREMIUM	16	0	0	0	-	-
4040 SHIFT	25	0	0	0	-	-
4050 VACATION	12,323	16,744	15,127	15,723	-6.1%	3.9%
4060 HOLIDAY	7,422	10,445	10,087	10,261	-1.8%	1.7%
4070 PERSONAL LEAVE	2,918	3,482	3,362	3,420	-1.8%	1.7%
4080 SICK	12,585	10,868	10,499	10,695	-1.6%	1.9%
SUB TOTAL	259,365	318,397	305,086	310,638	-2.4%	1.8%
4090 OVERTIME	4,230	3,000	3,000	3,000	0.0%	0.0%
SUB TOTAL	263,595	321,397	308,086	313,638	-2.4%	1.8%
4200 EMPLOYERS FICA	15,339	19,958	19,132	19,477	-2.4%	1.8%
4210 EMPLOYERS FICA/MEDIC	3,586	4,668	4,474	4,555	-2.4%	1.8%
4220 EMPLOYERS PERA	19,507	24,142	23,144	23,560	-2.4%	1.8%
4240 GROUP HOSP/MED	78,941	92,413	68,508	70,296	-23.9%	2.6%
4260 GROUP DENTAL	3,295	4,133	3,079	2,979	-27.9%	-3.2%
4280 GROUP LIFE	278	307	304	304	-1.0%	-0.1%
4300 LONG-TERM DISABILITY	731	859	822	837	-2.5%	1.9%
SUB TOTAL	121,677	146,480	119,464	122,009	-16.7%	2.1%
<b>TOTAL PAYROLL</b>	<b>385,272</b>	<b>467,877</b>	<b>427,549</b>	<b>435,647</b>	<b>-6.9%</b>	<b>1.9%</b>
4520 CONTRACT CLEANING	3,996	4,500	4,500	4,500	0.0%	0.0%
4820 FUEL- NATURAL GAS	4,172	6,000	5,000	4,500	-25.0%	-10.0%
5000 ELECTRICITY	5,629	7,000	7,000	7,000	0.0%	0.0%
5200 TELEPHONE	625	750	750	750	0.0%	0.0%
5230 DIESEL	440	600	500	500	-16.7%	0.0%
5240 WATER	0	250	250	250	0.0%	0.0%
5791 CONT SERV-DISP MEDICAL SHARF	1,129	2,000	1,500	1,500	-25.0%	0.0%
5792 CONT SERV-DISP PHARMACEUTIC	211	1,000	0	100	-90.0%	-
5793 CONT SERV-DISP OIL & FILTERS	0	1,300	650	0	-100.0%	-100.0%
5808 CONT SERV-SNOW PLOWING	2,359	3,000	3,000	3,000	0.0%	0.0%
5814 CONT SERV-DISP FLUOR	24,194	19,000	19,000	20,000	5.3%	5.3%
5816 CONT SERV-DISP LOCAL	73,470	74,000	110,000	75,000	1.4%	-31.8%
5817 CONT SERV-DISP COUNTY	64,834	46,000	50,000	60,000	30.4%	20.0%
5819 CONT SERV-DISP PAINT CARE	112,734	123,000	130,000	125,000	1.6%	-3.8%
5860 CONT SERV-OTHER	15,954	11,000	12,500	15,000	36.4%	20.0%
6000 SUPPLIES-BUILDING	598	2,500	2,593	2,500	0.0%	-3.6%
6010 SUPPLIES-EQUIPMENT	2,164	2,500	2,500	9,000	260.0%	260.0%
6070 SUPPLIES-OFFICE	282	1,000	1,000	500	-50.0%	-50.0%
6090 SUPPLIES-OTHER	16,918	7,500	19,000	17,000	126.7%	-10.5%
6110 SUPPLIES-SAFETY	636	4,000	2,000	1,000	-75.0%	-50.0%
6700 LEGAL	0	1,000	1,000	1,000	0.0%	0.0%
6910 TRAINING EXPENSES	926	750	750	1,000	33.3%	33.3%
6940 LICENSE REIMBURSE	0	0	43	0	-	-100.0%
7400 TRAVEL	277	1,500	400	1,000	-33.3%	150.0%
7800 LAUNDRY	1,726	1,500	2,000	1,800	20.0%	-10.0%
8000 DUES	0	0	0	0	-	-
8010 PUBLICATIONS	0	0	0	0	-	-
8020 PERMITS	0	0	0	0	-	-
8210 COPYING & PRINTING	761	2,000	1,000	1,000	-50.0%	0.0%
8250 DISCOUNTS	0	0	0	0	-	-
8600 GRANTS TO GOV UNITS	77,817	68,000	73,000	78,000	14.7%	6.8%
<b>TOTAL NON-PAYROLL</b>	<b>411,852</b>	<b>391,650</b>	<b>449,936</b>	<b>430,900</b>	<b>10.0%</b>	<b>-4.2%</b>
<b>TOTAL</b>	<b>797,124</b>	<b>859,527</b>	<b>877,485</b>	<b>866,547</b>	<b>0.8%</b>	<b>-1.2%</b>

**WESTERN LAKE SUPERIOR SANITARY DISTRICT**  
**Environmental Programs Solid Waste 5700**

	<b>ACTUAL</b>	<b>BUDGET</b>	<b>ESTIMATE</b>	<b>BUDGET</b>	<b>% CHANGE</b>	<b>% CHANGE</b>
	<b>2019</b>	<b>2020</b>	<b>2020</b>	<b>2021</b>	<b>BUDG 21/ BUDG 2020</b>	<b>BUDG 21/ EST 2020</b>
4010 DIRECT WAGES	229,214	256,996	256,903	228,733	-11.0%	-11.0%
4020 SUNDAY PREMIUM	127	296	296	262	-11.5%	-11.5%
4040 SHIFT	61	66	66	50	-25.0%	-25.0%
4050 VACATION	20,800	24,747	24,735	23,844	-3.6%	-3.6%
4060 HOLIDAY	9,727	10,460	10,456	9,486	-9.3%	-9.3%
4070 PERSONAL LEAVE	3,277	3,487	3,485	3,162	-9.3%	-9.3%
4080 SICK	12,434	9,904	9,903	8,818	-11.0%	-11.0%
SUB TOTAL	275,640	305,956	305,844	274,355	-10.3%	-10.3%
4090 OVERTIME	10,853	12,500	6,500	7,000	-44.0%	7.7%
SUB TOTAL	286,493	318,456	312,344	281,355	-11.7%	-9.9%
4200 EMPLOYERS FICA	16,709	19,813	19,651	17,512	-11.6%	-10.9%
4210 EMPLOYERS FICA/MEDIC	3,908	4,634	4,596	4,096	-11.6%	-10.9%
4220 EMPLOYERS PERA	21,305	23,967	23,771	21,184	-11.6%	-10.9%
4240 GROUP HOSP/MED	75,432	80,898	80,898	78,527	-2.9%	-2.9%
4260 GROUP DENTAL	3,342	3,623	3,623	3,281	-9.4%	-9.4%
4280 GROUP LIFE	360	370	370	343	-7.2%	-7.1%
4300 LONG-TERM DISABILITY	765	856	855	767	-10.4%	-10.3%
SUB TOTAL	121,821	134,161	133,763	125,711	-6.3%	-6.0%
<b>TOTAL PAYROLL</b>	<b>408,314</b>	<b>452,617</b>	<b>446,107</b>	<b>407,065</b>	<b>-10.1%</b>	<b>-8.8%</b>
5200 TELEPHONE	210	210	210	210	0.0%	0.0%
5818 CONT-SERV-RECY-SHEDS	62,146	95,500	76,000	85,800	-10.2%	12.9%
5845 CONT SERV-GRANT	0	0	0	-	-	-
5860 CONT SERV-OTHER	8,519	13,950	15,000	16,263	16.6%	8.4%
5865 CONT SERV-OTHER-GR	0	0	0	-	-	-
5880 CONT SERV-AD AGENCY	12,150	14,000	6,000	9,500	-32.1%	58.3%
5885 CONT SERV-AD AGENCY-GR	0	0	0	-	-	-
5950 WASTE SORT	0	40,000	0	-	-100.0%	-
6010 SUPPLIES-EQUIPMENT	0	0	0	-	-	-
6015 SUPPLIES-EQUIP-GRANT	0	0	0	-	-	-
6090 SUPPLIES-OTHER	13,581	11,700	11,000	11,100	-5.1%	0.9%
6095 SUPPLIES-OTHER- GRANT	0	0	0	-	-	-
6910 TRAINING EXPENSES	3,586	8,239	4,000	4,999	-39.3%	25.0%
7020 PUBLIC INFORMATION	6,974	9,788	8,250	9,188	-6.1%	11.4%
7025 PUBLIC INFORMATION-GR	0	0	0	-	-	-
7030 PUBLIC INFORMATION-RECY	88,151	66,725	65,000	65,725	-1.5%	1.1%
7040 PUBLIC INFORMATION-HHW	16,329	26,750	19,000	26,750	0.0%	40.8%
7400 TRAVEL	0	0	0	-	-	-
7405 TRAVEL-GRANT	0	0	0	-	-	-
7800 LAUNDRY	0	0	0	-	-	-
8000 DUES	948	1,610	1,200	1,610	0.0%	34.2%
8010 PUBLICATIONS	0	0	0	-	-	-
8200 POSTAGE	0	0	0	-	-	-
8205 POSTAGE-GRANT	0	0	0	-	-	-
8210 COPYING & PRINTING	16,905	21,250	12,000	17,375	-18.2%	44.8%
8215 COPYING & PRINT-GR	0	0	0	-	-	-
8250 DISCOUNTS	0	0	0	-	-	-
8600 GRANTS TO GOV UNITS	115,132	117,500	112,500	126,500	7.7%	12.4%
8620 PROGRAM DEVELOPMENT	33,194	26,900	25,250	34,275	27.4%	35.7%
8625 PROGRAM DEV GRANT	0	0	0	-	-	-
<b>TOTAL NON-PAYROLL</b>	<b>377,825</b>	<b>454,122</b>	<b>355,410</b>	<b>409,295</b>	<b>-9.9%</b>	<b>15.2%</b>
<b>TOTAL</b>	<b>786,139</b>	<b>906,739</b>	<b>801,517</b>	<b>816,360</b>	<b>-10.0%</b>	<b>1.9%</b>



## Personnel Budget

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## 2021 PERSONNEL BUDGET

		BUDGET	BUDGET
	BASIC UNIT	2020	2021
4000	CLEAN WATER PRODUCTION	17.5	17
4200	CONVEYANCE	4	4
4300	BIOSOLIDS	6	6
4700	ENV PROG WASTEWATER	1.50	1.00
5000	TRANSFER STATION	0.25	0.25
5100	MATERIAL RECOVERY	6.92	6.92
5500	ORGANICS	1.93	1.93
5600	HOUSEHOLD HAZ WASTE	4.25	4.25
5700	ENV PROG SOLID WASTE	3.50	3.00
6000	BUSINESS SERVICES	8.75	7.00
6600	MECHANICAL MAINTENANCE	12	11
6800	ELECTRICAL MAINTENANCE	9	9
7000	PLANNING & ENGINEERING	8	8
7400	MANAGEMENT INFO SYSTEM	4	4
7700	LAB	5	5
	SUBTOTAL	92.60	88.35
	SUPERVISORS		
4000	CLEAN WATER PRODUCTION	1.4	1.4
4200	CONVEYANCE	0.3	0.3
4300	BIOSOLIDS	1.1	1.1
4700	ENV PROG WASTEWATER	0.45	0.45
5000	TRANSFER STATION	0.25	0.25
5100	MATERIAL RECOVERY	0.25	0.25
5500	ORGANICS	0.25	0.25
5600	HOUSEHOLD HAZ WASTE	0.25	0.25
5700	ENV PROG SOLID WASTE	0.55	0.55
6000	BUSINESS SERVICES	4	5
6600	MECHANICAL MAINTENANCE	1.1	1.1
6800	ELECTRICAL MAINTENANCE	1.1	1.1
7000	PLANNING & ENGINEERING	1	2
7400	MANAGEMENT INFO SYSTEM	1	1
7700	LAB	1	1
	SUBTOTAL	14	16
	TOTAL	106.60	104.35

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## Capital Budget

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## Wastewater 10 Year Capital Plan (2021 - 2030)

Year	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	TOTAL
<b>Safety Essential Projects</b>											
Safety - Rooftop Fall Protection (Building 6, Bristol PS, swing gates, U-tube room)	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
<b>Subtotal</b>	<b>\$0</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$50,000</b>
<b>Required General Replacement</b>											
<i>General, Compliance</i>											
Mercury Reduction - Clearas Feasibility Study	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
LIMS - Lab Information Management System	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000
Comprehensive Plan Update (EMP, Asset Management, Hydraulic Model)	\$100,000	\$100,000	\$0	\$0	\$0	\$130,000	\$130,000	\$0	\$0	\$0	\$460,000
<b>Subtotal</b>	<b>\$500,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$130,000</b>	<b>\$130,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$860,000</b>
<i>Interceptor Replacement / Rehabilitation</i>											
Hermantown Replacement (Ph 1 - 4)	\$0	\$0	\$0	\$1,550,000	\$3,000,000	\$0	\$3,000,000	\$5,500,000	\$0	\$6,000,000	\$19,050,000
Cloquet Interceptor - CIPP outside Cloquet Pump Station	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000
East Interceptor Rehabilitation	\$0	\$0	\$0	\$0	\$0	\$0	\$211,000	\$1,464,000	\$0	\$0	\$1,675,000
Jay Cooke - H027 - H024)	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Noperning	\$0	\$0	\$0	\$269,000	\$0	\$0	\$0	\$0	\$0	\$0	\$269,000
Proctor	\$0	\$0	\$0	\$0	\$2,165,000	\$0	\$0	\$0	\$0	\$0	\$2,165,000
Scanlon Interceptor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$0	\$5,000,000
Miscellaneous Gravity Interceptor Improvements	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$4,000,000
Miscellaneous Forcemain Improvements-	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$0	\$0	\$0	\$2,000,000	\$3,500,000
Manhole Improvements	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
<b>Subtotal</b>	<b>\$600,000</b>	<b>\$3,000,000</b>	<b>\$100,000</b>	<b>\$1,819,000</b>	<b>\$5,165,000</b>	<b>\$1,500,000</b>	<b>\$3,211,000</b>	<b>\$6,964,000</b>	<b>\$6,000,000</b>	<b>\$8,000,000</b>	<b>\$36,359,000</b>
<i>Pump Station Replacement / Rehabilitation</i>											
Cloquet Surge Pond Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$0	\$0	\$0	\$3,000,000
Carlton Pump Station Improvements	\$0	\$0	\$0	\$0	\$1,825,000	\$0	\$0	\$0	\$0	\$0	\$1,825,000
Jay Cooke Pump Station Replacement	\$0	\$0	\$0	\$0	\$0	\$1,295,000	\$0	\$0	\$0	\$0	\$1,295,000
<b>Subtotal</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,825,000</b>	<b>\$1,295,000</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,120,000</b>
<i>General Replacement-Wastewater Treatment Plant</i>											
Headworks - PLC/HVAC Improvements	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
O2 Reactor Deck Slab Improvements	\$0	\$200,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,200,000
Secondary Clarifier Tank Rehabilitation	\$0	\$0	\$7,000,000	\$6,500,000	\$0	\$6,500,000	\$0	\$0	\$0	\$0	\$20,000,000
Flocculation Tank Rehabilitation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,632,000	\$2,737,000	\$2,847,000	\$8,216,000
Multi-Media Filter Rehabilitation	\$0	\$0	\$0	\$0	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000
Thickener and Odorous Air System Improvements	\$0	\$5,300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,300,000
Plant Process Piping and Isolation Valve Improvements	\$0	\$100,000	\$100,000	\$1,000,000	\$0	\$100,000	\$0	\$0	\$1,000,000	\$0	\$2,300,000
Plant Air System Improvements	\$500,000	\$0	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000
Centrifuge Control Upgrade	\$100,000	\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000
Digester Rehabilitation	\$500,000	\$0	\$550,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,050,000
Biogas Conditioning Improvements (Pre-CHP)	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,700,000
Sludge Storage Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
IT Improvements - WiFi Implementation (Plant/Conveyance)	\$0	\$35,000	\$35,000	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$140,000
IT Improvements - eOPs upgrade	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$0	\$150,000
IT Improvements - Virtual Server Upgrade (Simplivity)	\$0	\$0	\$0	\$309,000	\$0	\$274,000	\$0	\$0	\$376,000	\$0	\$959,000
IT Improvements - Lawson upgrade	\$0	\$0	\$900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000
IT Improvements - Cimplicity upgrade	\$0	\$0	\$0	\$84,000	\$0	\$0	\$0	\$99,000	\$0	\$0	\$183,000
IT Improvements - Store and Forward Devices (Conveyance)	\$0	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Equipment Replacement	\$0	\$400,000	\$300,000	\$0	\$400,000	\$400,000	\$600,000	\$300,000	\$200,000	\$0	\$2,600,000
Fleet Vehicle Replacement (Land App Truck, Conveyance Truck)	\$0	\$100,000	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$500,000
Facility and Site Improvements - Perimeter Security (B9 Lower Physical/Access Control)	\$0	\$0	\$100,000	\$500,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$800,000
Facility and Site Improvements - Roof/Precast Panel Improvements	\$100,000	\$100,000	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$400,000
<b>Subtotal</b>	<b>\$3,000,000</b>	<b>\$6,285,000</b>	<b>\$11,185,000</b>	<b>\$8,878,000</b>	<b>\$1,810,000</b>	<b>\$7,374,000</b>	<b>\$700,000</b>	<b>\$5,031,000</b>	<b>\$4,488,000</b>	<b>\$2,847,000</b>	<b>\$51,598,000</b>
<b>Process / Energy Improvements</b>											
Heat Recovery Improvements - B2, B19, Sludge/Sludge HEX - Construction	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000
Digester Sludge Heat Exchanger Improvements - Construction	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$0	\$0	\$0	\$0	\$2,000,000
High Strength Waste Addition - Design and Construction	\$0	\$0	\$0	\$0	\$650,000	\$0	\$5,100,000	\$0	\$0	\$0	\$5,750,000
B9 Air Conditioning	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000
Lighting Control Energy Improvements	\$0	\$100,000	\$100,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000
<b>Subtotal</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$2,650,000</b>	<b>\$2,000,000</b>	<b>\$5,100,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,150,000</b>
<b>Total</b>	<b>\$4,200,000</b>	<b>\$9,535,000</b>	<b>\$11,385,000</b>	<b>\$10,797,000</b>	<b>\$11,450,000</b>	<b>\$12,299,000</b>	<b>\$12,141,000</b>	<b>\$11,995,000</b>	<b>\$10,488,000</b>	<b>\$10,847,000</b>	<b>\$105,137,000</b>
<b>Discretionary Projects</b>											
	\$650,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$7,400,000
<b>Total Wastewater Capital Budget</b>	<b>\$4,850,000</b>	<b>\$10,285,000</b>	<b>\$12,135,000</b>	<b>\$11,547,000</b>	<b>\$12,200,000</b>	<b>\$13,049,000</b>	<b>\$12,891,000</b>	<b>\$12,745,000</b>	<b>\$11,238,000</b>	<b>\$11,597,000</b>	<b>\$112,537,000</b>

PFA Loan Funding	\$1,850,000	\$7,285,000	\$9,135,000	\$8,547,000	\$9,200,000	\$10,049,000	\$9,791,000	\$9,545,000	\$7,938,000	\$8,197,000	\$81,537,000
Grant or Cash Funding Required	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
PAGO Total	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,100,000	\$3,200,000	\$3,300,000	\$3,400,000	\$31,000,000

Debt Service Coverage (Target 120%)	262%	266%	263%	254%	244%	233%	222%	212%	203%	208%	
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## Solid Waste Operations - 10 Year Capital Plan (2021-2030)

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Transfer Station Operations - 10 Year Capital Plan (2021-2030)

Year		2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
Required General Replacement - SW Transfer Station												
Repair side wall steel deflector plates		\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000	\$0	\$160,000
Transfer Station building roof inspection/repair/sealing		\$0	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
Operations Equipment		\$100,000	\$100,000	\$0	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$400,000
Catwalk/Fall Restraint		\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
Concrete Wall Repairs		\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Site Surface/Paving Repairs		\$0	\$0	\$0	\$0	\$40,000	\$0	\$0	\$50,000	\$0	\$0	\$90,000
Floor Condition Assessment/Rehabilitation		\$0	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$200,000
Dust Supression System		\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$75,000
Exterior Building Repairs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000
Subtotal		\$200,000	\$210,000	\$100,000	\$100,000	\$115,000	\$100,000	\$75,000	\$50,000	\$85,000	\$175,000	\$1,210,000
Total Solid Waste Transfer Station Capital Budget		\$200,000	\$210,000	\$100,000	\$100,000	\$115,000	\$100,000	\$75,000	\$50,000	\$85,000	\$175,000	\$1,210,000
AVAILABLE FUNDING		\$106,035	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000	\$106,000	
ADDITION TO / (USE OF) CAPITAL FUND		(\$93,965)	(\$104,000)	\$6,000	\$6,000	(\$9,000)	\$6,000	\$31,000	\$56,000	\$21,000	(\$69,000)	
	2020											
YEAR END CAPITAL FUND BALANCE	\$400,000	\$306,035	\$202,035	\$208,035	\$214,035	\$205,035	\$211,035	\$242,035	\$298,035	\$319,035	\$250,035	

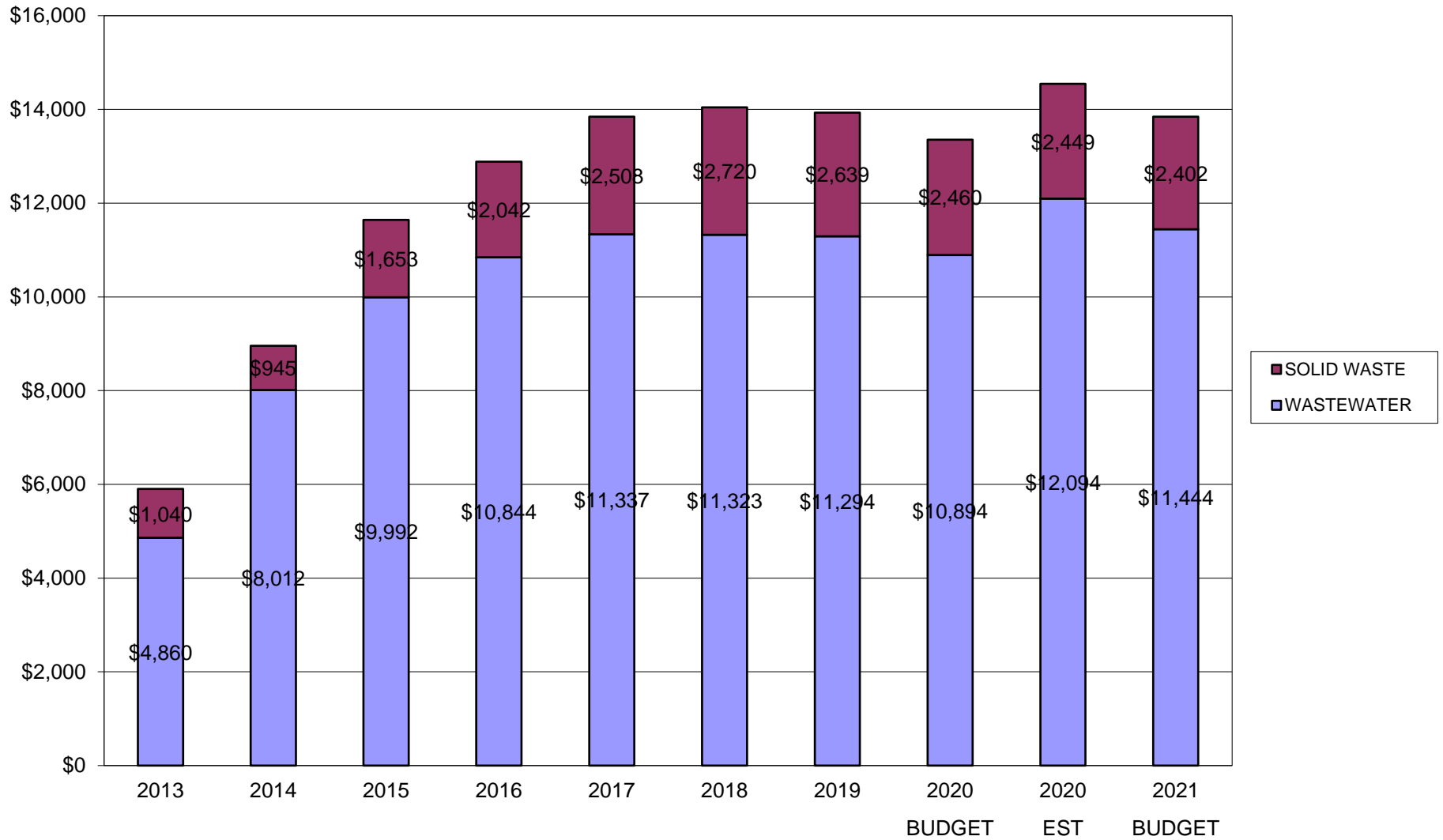
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Operations Fund

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# OPERATIONS FUND

## YEAR END BALANCE (In thousands)



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**OPERATIONS FUND**  
**YEAR END BALANCE**  
 (IN THOUSANDS)

	2013	2014	2015	2016	2017	2018	2019	BUDGET 2020	EST 2020	BUDGET 2021
<b>WASTEWATER</b>	<b>\$4,860</b>	<b>\$8,012</b>	<b>\$9,992</b>	<b>\$10,844</b>	<b>\$11,337</b>	<b>\$11,323</b>	<b>\$11,294</b>	<b>\$10,894</b>	<b>\$12,094</b>	<b>\$11,444</b>
<b>SOLID WASTE</b>	<b>\$1,040</b>	<b>\$945</b>	<b>\$1,653</b>	<b>\$2,042</b>	<b>\$2,508</b>	<b>\$2,720</b>	<b>\$2,639</b>	<b>\$2,460</b>	<b>\$2,449</b>	<b>\$2,402</b>
<b>YEAR END BALANCE</b>	<b>\$5,900</b>	<b>\$8,957</b>	<b>\$11,645</b>	<b>\$12,886</b>	<b>\$13,845</b>	<b>\$14,043</b>	<b>\$13,933</b>	<b>\$13,354</b>	<b>\$14,543</b>	<b>\$13,846</b>

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## Debt Service Schedule

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Wastewater Debt Service  
2021 Budget

	Bond	Bond	Loan	Bond	Loan	Loan	Loans (4)	Loans (3)	Loans (2)	Loan	Loan	Loan (2)	Loan (2)	Loan (3)	Loan (2)	Loans (3)	Loan (2)	
	Ref 8/12	Ref 9/15		Ref 11/16					Jul-12		Grit	Plant/Esko	Scan 4/Screw	Scan FRP/Screw 2/Misc Int 1	Oxygen/Switch	Scan/Screw 3/Misc Int 2	Bldg 11/Screw 4	
	1 Loan/1 Bond	2 Bonds	Jul-06	Apr-07	May-08	Aug-09	Aug-10	Sep-11	Nov-12	Jun-13	Aug-14	Sep-15	Sep-16	Oct-18	Oct-18	Oct-19	Oct-20	TOTAL
	8.635M	2.68M(4)	3.847M	2.255M	2.367M	1.89M	4.375M	5.34M	7.979M	\$2.059M	\$6.942M	\$9.162M	\$5.003M	\$5.50M	\$17.217M	\$7.131M	\$1.091M	WWT DEBT
2021	485,213	250,022	333,137	397,985	191,230	163,497	327,809	412,659	597,682	151,580	506,350	659,480	361,380	388,644	1,299,913	546,795	78,691	7,152,067
2022				396,825	191,608	163,528	326,994	412,929	597,807	151,180	505,720	660,510	361,140	387,522	1,303,107	548,530	78,691	6,086,092
2023					190,856	163,451	327,115	411,107	598,811	151,770	506,050	659,470	360,870	388,364	1,302,236	548,710	78,691	5,687,502
2024						162,266	328,157	412,225	597,676	151,340	506,330	659,380	360,570	388,144	1,302,204	548,840	78,691	5,495,823
2025							326,224	412,236	597,430	150,900	506,560	659,230	359,240	387,873	1,302,000	547,920	78,691	5,328,304
2026								411,156	598,062	151,450	505,740	659,020	360,890	388,553	1,302,623	547,960	78,691	5,004,145
2027									598,555	150,980	505,880	659,750	360,490	388,171	1,302,061	548,950	78,691	4,593,528
2028									192,910	151,500	505,970	659,410	360,060	388,739	1,302,327	547,880	78,691	4,187,487
2029											506,010	659,010	359,600	387,244	1,302,408	547,770	78,691	3,840,733
2030												661,550	361,110	387,712	1,302,304	548,610	78,691	3,339,977
2031													360,570	388,118	1,302,014	548,390	78,691	2,677,783
2032														387,462	1,302,540	548,120	78,691	2,316,813
2033														386,757	1,302,868	548,800	78,691	2,317,116
2034																547,420	78,691	626,111
2035																	78,691	78,691
2036																		
TOTAL	485,213	250,022	333,137	794,810	573,695	652,742	1,636,299	2,472,312	4,378,933	1,210,700	4,554,610	6,596,810	3,965,920	5,043,303	16,928,605	7,674,695	1,180,365	58,732,171

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## Statistical Section

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**WASTEWATER TREATMENT CHARGES**  
**(IN THOUSANDS)**

									BUDGET	BUDGET	% CHANGE
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012-2021
DULUTH	\$8,397	\$8,477	\$8,754	\$8,703	\$8,839	\$8,855	\$8,882	\$9,275	\$9,374	\$9,398	11.9%
CLOQUET	\$887	\$905	\$908	\$804	\$852	\$895	\$874	\$984	\$993	\$1,007	13.5%
PROCTOR	\$260	\$269	\$278	\$286	\$288	\$337	\$359	\$323	\$322	\$328	26.2%
HERMANTOWN	\$373	\$402	\$413	\$413	\$434	\$431	\$462	\$493	\$478	\$511	37.0%
ESKO	\$124	\$129	\$121	\$120	\$124	\$132	\$130	\$138	\$142	\$147	18.5%
SCANLON	\$88	\$88	\$99	\$98	\$103	\$120	\$108	\$124	\$114	\$117	33.0%
CARLTON	\$115	\$114	\$106	\$103	\$95	\$111	\$107	\$117	\$115	\$114	-0.9%
RICE LAKE	\$38	\$37	\$43	\$43	\$46	\$48	\$47	\$52	\$52	\$52	36.8%
TWIN LAKES	\$69	\$70	\$73	\$73	\$76	\$69	\$72	\$71	\$89	\$93	34.8%
PIKE LAKE	\$51	\$57	\$57	\$54	\$57	\$61	\$60	\$67	\$72	\$77	51.0%
KNIFE RIVER	\$14	\$15	\$16	\$16	\$15	\$16	\$15	\$16	\$19	\$20	42.9%
OLIVER	\$16	\$16	\$16	\$16	\$17	\$16	\$17	\$17	\$18	\$17	6.3%
THOMSON	\$8	\$7	\$8	\$8	\$8	\$9	\$7	\$9	\$9	\$9	12.5%
WRENSHALL	\$20	\$20	\$21	\$18	\$19	\$24	\$20	\$23	\$21	\$22	10.0%
JAY COOKE	\$5	\$5	\$4	\$4	\$4	\$4	\$4	\$4	\$3	\$3	-33.3%
MIDWAY	\$4	\$4	\$4	\$5	\$7	\$4	\$5	\$5	\$5	\$5	42.9%
MPCA LANDFILL	\$16	\$18	\$19	\$19	\$20	\$14	\$10	\$10	\$11	\$12	-25.0%
DULUTH/NORTH SHOR	\$42	\$39	\$41	\$38	\$40	\$44	\$42	\$45	\$46	\$49	16.7%
SUBTOTAL	\$10,526	\$10,672	\$10,981	\$10,822	\$11,044	\$11,190	\$11,221	\$11,773	\$11,883	\$11,981	13.8%
SAPPI	\$10,114	\$10,317	\$10,997	\$11,321	\$10,798	\$10,212	\$11,255	\$11,874	\$11,171	\$11,686	15.5%
GEORGIA PACIFIC	\$337	\$89	\$87	\$89	\$75	\$75	\$70	\$67	\$55	\$32	-90.5%
USG	\$578	\$441	\$454	\$434	\$447	\$483	\$506	\$540	\$499	\$479	-17.1%
VERSO Duluth Mill	\$3,748	\$3,968	\$3,799	\$3,839	\$3,806	\$4,102	\$3,558	\$3,362	\$3,364	\$1,019	-72.8%
SPECIALTY MINERALS	\$262	\$256	\$277	\$306	\$314	\$432	\$246	\$225	\$269	\$225	-14.1%
SUBTOTAL	\$15,039	\$15,071	\$15,614	\$15,988	\$15,440	\$15,304	\$15,635	\$16,068	\$15,358	\$13,441	-10.6%
TOTAL	\$25,565	\$25,743	\$26,595	\$26,810	\$26,484	\$26,494	\$26,856	\$27,841	\$27,241	\$25,422	-0.6%

**WASTEWATER TREATMENT  
FLOW (MGD)**

	2012	2013	2014	2015	2016	2017	2018	2019	BUDGET 2020	BUDGET 2021	% CHANGE 2012-2021
DULUTH	12.137	12.171	13.813	12.278	12.870	13.618	11.370	13.485	12.700	12.700	4.64%
CLOQUET	1.170	1.151	1.234	0.992	1.069	1.129	1.006	1.193	1.150	1.150	-1.73%
HERMANTOWN	0.579	0.622	0.666	0.620	0.635	0.646	0.624	0.691	0.650	0.650	12.30%
PROCTOR	0.426	0.410	0.484	0.456	0.464	0.491	0.403	0.476	0.450	0.450	5.53%
ESKO	0.162	0.164	0.189	0.177	0.178	0.209	0.170	0.202	0.206	0.206	27.44%
SCANLON	0.130	0.121	0.158	0.152	0.160	0.191	0.157	0.183	0.169	0.169	30.50%
CARLTON	0.202	0.167	0.181	0.150	0.120	0.170	0.149	0.189	0.150	0.150	-25.82%
THOMSON	0.010	0.007	0.010	0.011	0.010	0.010	0.008	0.009	0.010	0.010	-0.99%
TWIN LAKES	0.073	0.074	0.079	0.077	0.080	0.069	0.067	0.061	0.070	0.070	-4.63%
RICE LAKE	0.046	0.043	0.055	0.055	0.059	0.063	0.056	0.066	0.060	0.060	30.15%
OLIVER	0.020	0.020	0.021	0.019	0.020	0.021	0.020	0.021	0.022	0.022	11.11%
PIKE LAKE	0.085	0.089	0.090	0.080	0.083	0.091	0.084	0.093	0.100	0.100	17.51%
KNIFE RIVER	0.020	0.023	0.024	0.023	0.021	0.021	0.017	0.020	0.022	0.022	9.45%
MPCA LANDFILL	0.022	0.022	0.024	0.022	0.024	0.009	0.002	0.002	0.002	0.002	-90.70%
WRENSHALL	0.029	0.027	0.032	0.025	0.025	0.035	0.026	0.032	0.027	0.027	-7.85%
JAY COOKE	0.003	0.004	0.003	0.002	0.003	0.003	0.002	0.003	0.002	0.002	-20.00%
MIDWAY TOWNSHIP	0.003	0.002	0.003	0.004	0.005	0.003	0.003	0.003	0.003	0.003	11.11%
DULUTH/NORTH SHORE	0.064	0.053	0.055	0.045	0.048	0.054	0.049	0.052	0.050	0.050	-21.75%
<b>SUBTOTAL</b>	15.181	15.170	17.121	15.188	15.874	16.834	14.213	16.781	15.843	15.843	4.36%
<b>SAPPI</b>	14.865	14.658	15.576	16.081	15.882	16.222	16.470	16.202	16.000	16.000	7.63%
<b>GEORGIA PACIFIC</b>	0.086										
<b>USG</b>	0.446	0.373	0.435	0.403	0.460	0.459	0.492	0.538	0.450	0.450	1.01%
<b>VERSO Duluth Mill</b>	4.895	4.691	4.682	4.637	4.508	4.666	4.384	3.895	3.700		
<b>SPECIALTY MINERALS</b>	0.201	0.205	0.228	0.197	0.230	0.254	0.264	0.272	0.240	0.240	19.64%
<b>SUBTOTAL</b>	20.492	19.927	20.921	21.318	21.080	21.601	21.611	20.907	20.390	16.690	-18.55%
<b>TOTAL</b>	35.673	35.097	38.042	36.506	36.954	38.435	35.824	37.688	36.233	32.533	-8.80%

**WASTEWATER TREATMENT  
BOD (LBS/DAY)**

	2012	2013	2014	2015	2016	2017	2018	2019	BUDGET 2020	BUDGET 2021	% CHANGE 2012-2021
<b>DULUTH</b>	13,081	13,013	12,748	13,726	13,064	12,834	13,486	12,534	13,100	13,100	<b>0.15%</b>
<b>CLOQUET</b>	1,800	1,800	1,800	1,357	1,463	1,545	1,375	1,632	1,717	1,717	<b>-4.62%</b>
<b>HERMANTOWN</b>	1,056	1,113	1,134	1,165	1,180	1,155	1,172	1,164	1,150	1,150	<b>8.90%</b>
<b>PROCTOR</b>	436	471	433	471	470	682	781	520	530	530	<b>21.56%</b>
<b>ESKO</b>	305	305	250	250	250	250	255	255	263	263	<b>-13.77%</b>
<b>SCANLON</b>	216	202	264	254	268	319	262	305	282	282	<b>30.51%</b>
<b>CARLTON</b>	130	130	130	130	130	130	130	130	160	160	<b>23.08%</b>
<b>THOMSON</b>	17	12	17	18	17	17	13	15	17	17	<b>-1.88%</b>
<b>TWIN LAKES</b>	227	227	244	240	246	213	207	211	292	292	<b>28.59%</b>
<b>RICE LAKE</b>	77	72	92	91	99	105	94	109	100	100	<b>29.97%</b>
<b>OLIVER</b>	33	33	35	32	34	35	33	35	37	37	<b>11.20%</b>
<b>PIKE LAKE</b>	142	149	150	134	139	152	140	156	167	167	<b>17.46%</b>
<b>KNIFE RIVER</b>	33	38	40	39	34	34	29	32	37	37	<b>11.20%</b>
<b>MPCA LANDFILL</b>	36	37	40	36	40	15	4	2	3	3	<b>-90.73%</b>
<b>WRENSHALL</b>	49	45	54	42	43	58	43	53	45	45	<b>-8.09%</b>
<b>JAY COOKE</b>	4	7	4	4	4	5	3	4	3	3	<b>-16.60%</b>
<b>MIDWAY TOWNSHIP</b>	7	6	6	8	11	7	7	7	8	8	<b>7.23%</b>
<b>DULUTH / NORTH SHOR</b>	107	88	92	75	81	90	82	87	83	83	<b>-22.06%</b>
<b>SUBTOTAL</b>	17,756	17,748	17,533	18,072	17,573	17,646	18,116	17,251	17,993	17,993	<b>1.34%</b>
<b>SAPPI</b>	44,319	33,852	42,628	49,519	50,361	42,853	42,787	42,660	42,000	42,000	<b>-5.23%</b>
<b>GEORGIA PACIFIC</b>	2,863										
<b>USG</b>	1,331	1,064	1,075	1,287	1,345	1,409	1,426	1,346	1,300	1,300	<b>-2.33%</b>
<b>VERSO Duluth Mill</b>	22,247	24,238	24,768	24,270	25,011	21,247	18,114	15,360	16,500		
<b>SPECIALTY MINERALS</b>	5	5	6	5	6	7	7	7	6	6	<b>20.00%</b>
<b>SUBTOTAL</b>	70,765	59,159	68,477	75,081	76,723	65,516	62,334	59,373	59,806	43,306	<b>-38.80%</b>
<b>TOTAL</b>	88,521	76,907	86,010	93,153	94,296	83,162	80,450	76,624	77,799	61,299	<b>-30.75%</b>

**WASTEWATER TREATMENT  
TOTAL SUSPENDED SOLIDS (LBS/DAY)**

	2012	2013	2014	2015	2016	2017	2018	2019	BUDGET 2020	BUDGET 2021	% CHANGE 2012-2021
<b>DULUTH</b>	16,997	16,586	16,949	16,884	16,286	15,128	15,520	16,581	15,800	15,800	<b>-7.04%</b>
<b>CLOQUET</b>	2,800	2,800	2,800	2,334	2,515	2,656	2,365	2,805	2,522	2,522	<b>-9.91%</b>
<b>HERMANTOWN</b>	1,084	1,073	1,133	1,120	1,180	1,064	1,091	1,150	1,100	1,100	<b>1.48%</b>
<b>PROCTOR</b>	467	546	523	561	548	826	958	631	600	600	<b>28.48%</b>
<b>ESKO</b>	360	360	300	300	300	300	280	280	305	305	<b>-15.28%</b>
<b>SCANLON</b>	216	202	264	254	268	319	262	305	282	282	<b>30.51%</b>
<b>CARLTON</b>	160	160	160	160	160	160	160	160	183	183	<b>14.38%</b>
<b>THOMSON</b>	17	12	17	18	17	17	13	15	17	17	<b>-1.88%</b>
<b>TWIN LAKES</b>	227	227	244	240	246	213	207	188	262	262	<b>15.22%</b>
<b>RICE LAKE</b>	77	72	92	91	99	105	94	109	100	100	<b>29.97%</b>
<b>OLIVER</b>	33	33	35	32	34	35	33	35	37	37	<b>11.20%</b>
<b>PIKE LAKE</b>	142	149	150	134	139	152	140	156	167	167	<b>17.46%</b>
<b>KNIFE RIVER</b>	33	38	40	39	34	34	29	32	37	37	<b>11.20%</b>
<b>MPCA LANDFILL</b>	36	37	40	36	40	15	4	2	3	3	<b>-90.73%</b>
<b>WRENSHALL</b>	49	45	54	42	43	58	43	53	45	45	<b>-8.09%</b>
<b>JAY COOKE</b>	4	7	4	4	4	5	3	4	3	3	<b>-16.60%</b>
<b>MIDWAY TOWNSHIP</b>	5	4	5	6	8	5	5	5	5	5	<b>0.08%</b>
<b>DULUTH / NORTH SHOR</b>	107	88	92	75	81	90	82	87	83	83	<b>-22.06%</b>
<b>SUBTOTAL</b>	22,814	22,439	22,902	22,330	22,002	21,182	21,289	22,598	21,551	21,551	<b>-5.54%</b>
<b>SAPPI</b>	18,870	23,752	25,434	22,555	17,522	13,679	16,967	22,448	14,000	14,000	<b>-25.81%</b>
<b>GEORGIA PACIFIC</b>	670										
<b>USG</b>	1,857	697	757	433	426	679	686	925	600	600	<b>-67.69%</b>
<b>VERSO Duluth Mill</b>	2,483	1,965	1,464	2,394	2,627	6,040	1,811	1,509	1,250		
<b>SPECIALTY MINERALS</b>	823	893	1,102	1,359	1,338	2,435	653	510	800	800	<b>-2.79%</b>
<b>SUBTOTAL</b>	24,703	27,307	28,757	26,741	21,913	22,833	20,117	25,392	16,650	15,400	<b>-37.66%</b>
<b>TOTAL</b>	47,517	49,746	51,659	49,071	43,915	44,015	41,406	47,990	38,201	36,951	<b>-22.24%</b>

# MUNICIPAL SOLID WASTE

VOLUME (Tons)	ESTIMATEBUDGET% CHANGE										
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2012-2021
DISTRICT - ST. LOUIS CTY	51,249	52,420	52,621	51,600	53,609	48,291	47,424	48,295	44,844	51,055	-0.4%
CARLTON COUNTY	11,735	12,392	13,009	13,684	14,617	15,187	15,332	15,024	14,239	15,192	29.5%
ITASCA COUNTY					499						
LAKE COUNTY	5,364	5,015	5,083	6,334	6,961	7,032	7,108	7,143	6,948	6,700	24.9%
COOK COUNTY	3,636	3,157	2,608	3,096	3,249	3,506	3,466	3,606	3,322	3,400	-6.5%
CITY OF SUPERIOR	5,933	5,315	5,299	6,898	5,956	12,700	12,941	11,026	10,132	8,950	50.9%
HAULER VOLUME	77,917	78,298	78,620	81,612	84,891	86,716	86,271	85,094	79,485	85,297	9.5%

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