

Office of  
**AUBURN SEWERAGE DISTRICT**  
**Office Telephone # 784-6469**

The regular monthly meeting of the Trustees of the Auburn Sewerage District will be held **in-person at the Auburn Sewerage District office at 268 Court Street on Tuesday, November 15, 2022 at 4:00 P.M.**

**AGENDA**

1. Approve Minutes of Regular Meeting of October 18, 2022.
2. Financial Report Update - Tanya Dunn.
3. Ratify Payment of Bills
4. Open Session
5. Activity Report - *Mike Broadbent*
6. New Business
7. Project Updates
8. LAWPCA Apportionment & Financials
9. 2023 Budget - Presentation of second draft
10. Personnel Policy Amendment
11. Old Business
12. Infrastructure Study - Status
13. Adjourn Regular Meeting.

Upcoming: Sewer Trustee Meeting, December 13, 2022 4:00PM  
Joint Budget Workshop December 14, 2022 5:15PM -5:30PM  
Public Hearing followed by budget adoption December 14, 2022 5:30PM

# Memo

To: Water & Sewerage District Trustees

From: Sid Hazelton, P.E., Superintendent

CC: Files

Date: 11/10/2022

Re: Discussion of November Agenda Items

---

## Water Trustees

### Financial Report Highlights

Revenues are favorable \$147k. The variance in expenses is up to \$182k. Capital spent through October was \$511k. The month ended with \$3.1 million cash on hand.

### Water Quality Update

In accordance with recent data, the lake is mixed to around 19 meters. Secchi Disk readings are hovering around 4 meters. Turbidity is still holding steady at around 1. Dissolved oxygen at the lake bottom is near zero. Given the recent unseasonable warm temperatures, it looks like much needed lake turnover will occur later than normal.

### Project Update

The crews have been working to eliminate 6,000' of water main on Hotel Rd. We have 30 services that need to be removed from the main and we need to tie over several intersections. This work will continue in the summer of 2023. Winter hydrant maintenance has started, all hydrants need to be pumped and checked regularly to prevent freezing. We have had a couple of meetings with City engineering staff on 2023 project planning to refine our budget for 2023.

## CEI Second Opinion on FBE Report

The LAWPC hired CEI to offer a second opinion on the FBE report on Lake Auburn. Included in the packet are three draft documents that outline CEI's findings:

- Pier Review Memo Final Draft
- Pier Review Memo Background
- AWD Questions and Responses

These documents were discussed at the November 9 LAWPC meeting. The consultant will be contacted to clarify some items and consolidate the information into a final recommendation, and will be discussed at a LAWPC workshop on December 7 at 3:30PM at AVCOG.

## City Council Resolve – Elimination of Income Standard in the Ag Zone

In the packet is a copy of the City of Auburn Resolve that is being sent to the Planning Board on November 15 for their recommendation on adoption. I have highlighted a section that I believe needs to be stricken from the resolve. As I read it, it gives the Auburn Planning Board the authority to waive the current zoning regulations in the Ag Zone of the Watershed on a case- by-case basis.

## Sewer Trustees

### Financial Report Highlights

Revenues are favorable \$97k to budget, which is offsetting the \$87k variance in expenses. The E-3 Generator is on back order and expected to ship early next year, it will not be reflected in this year's capital expenses. Cash ended October at \$1.1 million.

### Project Update

Granite In-liner has starting to prep the mains for lining on Fairview and will have the work done in the next couple of weeks. We installed a new sewer manhole on Little Orchard Court. This is a dead-end main that we needed access to for maintenance and for future growth. We had to replace both of the pumps at the W-2 pump station. The failures were attributed to moisture that infiltrated the pumps through the power cords. We have reached out to the manufacture for an inquiry of a warranty as the pumps were only 5 years old. Mall area modeling work, we plan to have an update for the Trustees at the meeting.

### Cost Apportionment

Flows seemed to normalize for the month of October. As such, the board elected to keep the current apportionment in place. We are now on track to meet budget.

## Both Boards

### 2023 Budget – Second Draft

Included in both board packets is the second draft of the 2023 operational budget.

Water - the final LAWPC budget was approved with no changes at their meeting on November 9.

Sewer – the LAWPCA budget is scheduled to be approved at their next meeting on December 9. It includes a 1.7 % increase in their budget.

This draft includes a proposed equipment budget, as well as a list of capital items. At this time, I am not waiting for numbers for any items, nor anticipating changes to the budgets.

### Personnel Policy Amendment

There will be a request of both boards to consider a minor amendment to the Personnel Policy.

October 18, 2022

The regular monthly meeting of the Trustees of the Auburn Sewerage District was held in person at the Auburn Sewerage District office at 268 Court Street on Tuesday, October 18, 2022 at 4:00 PM.

Members present: Robert Cavanagh , Charles Sheehan (Treasurer), Stephen Ness (President), Raymond Fortier, Thomas Moulin and Stephen Milks, Mayor's Representative. Also present: Sid Hazelton, Superintendent, Michael Broadbent, Assistant Superintendent and Tanya Dunn, Finance Manager.

On motion of Stephen Milks, seconded by Raymond Fortier, it was unanimously voted: **To approve the minutes of the Regular Meeting of September 20, 2022.**

On motion of Stephen Milks, seconded by Robert Cavanagh, it was unanimously voted: **To approve the minutes of the Public Hearing of September 20, 2022.**

**FINANCIAL REPORT** – Revenues are favorable \$73,000 helping to offset the \$85,000 variance in expenses. The cash on hand is at \$1.1 million.

#### **RATIFY PAYMENT OF BILLS**

On motion of Robert Cavanagh, seconded by Raymond Fortier, it was unanimously voted: **To ratify the payment of bills in the amount of \$1,015,949.14 dated September 1, 2022-September 30, 2022.**

**OPEN SESSION** - As no one from the public was in attendance, the Open Session was closed.

On motion of Stephen Milks, seconded by Raymond Fortier, it was unanimously voted: **To take the agenda out of order to address Item #6 Executive Session later in the meeting.**

**ACTIVITY REPORT** – The crews have been busy cleaning mains with a focus on areas where construction occurred over the summer months. There was a big push on manhole adjustments for paving.

The W-2 pumps have burned up. We have a back-up pump from another station. There appears to be plenty of flow in the station and no abnormalities. We do have surge protectors. It could be that they are just maxed out.

**PROJECT UPDATES** - We installed two manholes on Fairview Ave for access and cleaning after the backup that occurred this summer. Upon cleaning the main we found multiple areas of root intrusion. Lane-In-liner has provided a price of \$78,000 to clean, camera and re-line Fairview Ave.

On motion of Charles Sheehan, seconded by Stephen Milks, it was unanimously voted: **To approve the \$78,000 for the re-lining of 1800' of main on Fairview Ave. by Lane In-liner.**

A project to consider is the replacement of the Washington St. pump station which has come to the end of its life. We need to start planning as it is in failure mode and there is no back-up power. It needs to be sized bigger for future growth and we need to decide on a location for the new station. We are waiting for a proposal for a pre-liminary design

for the replacement of the Washington St. station. The depth of the sewer main will determine the depth of the station.

On motion of Charles Sheehan seconded by Stephen Milks, it was unanimously voted : **To approve up to \$40,000 from our 2022 Capital funds to have an engineering firm develop a preliminary design of a new station with cost estimates for replacement.**

**MODELING OUTER SOUTH MAIN, BROAD, VICKERY STS.** - The City is paying for the modeling at these locations to be completed by Wright-Pierce.

**MODELING AROUND THE MALL** - The Gracelawn Plan has been refined down to 900 units from the originally planned 1600 units. The infrastructure is undersized. The 8" pipe should be upsized to 10" to handle future growth. Other areas needing upsizing:

Mt. Auburn Ave. – 10"-12"

Auburn Mall Apts.- 10"-18"

Squire Hills – 10"-18"

Harvard St. – 10"-12"

We are looking at 1 mile of pipe.

The City is contracting with Gendron & Gendron to reconstruct the area.

Mike Broadbent will look into how much it would cost to do pipe bursting and who would pay for the work: the developer, the City or the District.

Gendron & Gendron will be extending the sewer at their expense.

**LAWPCA APPORTIONMENT & FINANCIALS** – The apportionment shifted in the District's favor for the month of September and we are on track to meet budget by year end.

**EXECUTIVE SESSION IN ACCORDANCE WITH 1 M.R.S.A. § 405(6) TO DISCUSS A PERSONNEL MATTER.**

On motion of Stephen Ness , seconded by Robert Cavanagh it was unanimously voted: **To move into Executive Session in accordance with 1 M.R.S.A. § 405(6) to discuss a personnel matter.**

The meeting came out of Executive Session. No action was taken.

**2023 BUDGET - PRESENTATION OF FIRST DRAFT** - Most of the items in the budget are flat numbers. The price index is at 8.7%. The Salary Survey recommends a starting pay which represents a 9.5% budget increase in wages. The survey has established a new pay grid and every employee will now be in the pay grid where he/she belongs. Adopting the new pay plan incorporates the COLA raise. Many utilities are struggling with filling vacant positions.

This budget includes a \$2000 retention bonus to be paid out quarterly (\$500).

The Health Plan premium will remain the same (0% increase for the 2<sup>nd</sup> year).

The Treatment Plant budget should be approved next month. The District budget reflects a 1% increase for LAWPCA.

Most items in the budget are based on a three-year average. We will develop an equipment list for the November meeting.

The 2003 Bond will be dropping off next year.

Superintendent Hazelton told the Trustees to call with any questions they may have about the budget.

October 18, 2022

Page 3

**STORM SURGE STORAGE TANK** - Conventional vs Design -Build Construction. Sebago Technics will be the owner rep who will administer the design-build construction. We will be applying for SRLF funds for the next five years.

## **OLD BUSINESS**

**INFRASTRUCTURE STUDY** – No update at this time

On motion of Stephen Milks, seconded by Thomas Moulin, it was unanimously voted: **To adjourn the meeting**

Respectfully submitted,

Diane Drinkwater

**AUBURN SEWERAGE DISTRICT**  
**OPERATING STATEMENT - TRUSTEES' REPORT**  
**TEN MONTHS ENDED OCTOBER 31, 2022**

	OCTOBER	2022	Y-T-D THRU OCTOBER 2022		
	YTD - 2021	BUDGET	ACTUAL	BUDGET	VARIANCE
<b><u>REVENUES:</u></b>					
Metered Income	\$3,052,007	\$3,564,573	\$3,068,797	\$2,999,722	\$69,075
Industrial Surcharge	41,247	50,625	43,812	41,247	2,564
Shared Debt with City	41,392	41,392	41,392	34,493	6,899
Jobbing & Mdse. - NET	6,543	12,835	8,409	10,696	(2,287)
Sewer Assessments	23,021	17,423	10,597	14,519	(3,922)
Finance Charges	4,983	6,810	5,251	5,675	(424)
Interest Income	4,557	7,858	15,361	6,548	8,813
Industrial Treatment Sampling	42,000	54,492	42,000	45,410	(3,410)
Capacity Fees (SDS)	23,625	22,208	38,250	18,507	19,743
<b>TOTAL REVENUES</b>	<b>3,239,375</b>	<b>3,778,216</b>	<b>3,273,869</b>	<b>3,176,818</b>	<b>97,051</b>
			<b>86.65%</b>	<b>83.33%</b>	< Standard
<b><u>EXPENSES:</u></b>					
Payroll	353,651	455,598	401,332	377,365	23,967
Employee Benefits	179,628	263,353	158,063	219,461	(61,397)
Maint. of Sewers	29,578	52,897	133,918	44,081	89,837
Lift Stations	60,609	68,900	84,238	57,417	26,821
Maint. of Buildings	41,447	44,445	40,806	37,038	3,769
Maint. of Trucks	18,380	21,705	24,702	18,088	6,615
Office Expense	21,603	30,243	19,623	25,203	(5,579)
Collection Expense	1,253	(776)	531	(647)	1,177
General Expense	3,100	3,572	3,079	2,977	102
Insurance	40,023	55,260	48,590	46,050	2,540
Legal & Accounting Fees	6,351	10,268	9,863	8,557	1,306
Billing Expense	70,693	79,342	63,698	66,118	(2,420)
L.A.W.P.C.A.	1,589,760	1,911,004	1,592,503	1,592,503	(0)
<b>SUB-TOTAL</b>	<b>2,416,076</b>	<b>2,995,811</b>	<b>2,580,947</b>	<b>2,494,209</b>	<b>86,738</b>
Interest	52,706	54,168	105,693	45,140	60,553
<b>TOTAL EXPENSES</b>	<b>2,468,782</b>	<b>3,049,979</b>	<b>2,686,640</b>	<b>2,539,349</b>	<b>147,291</b>
			<b>88.09%</b>	<b>83.33%</b>	< Standard
Bonds - Principal Payments	399,251	446,756	404,655	372,297	32,358
<b>SURPLUS FROM OPERATIONS</b>	<b>371,342</b>	<b>281,481</b>	<b>182,574</b>	<b>265,172</b>	<b>(82,598)</b>



**AUBURN SEWERAGE DISTRICT  
BALANCE SHEET  
PERIOD ENDING - OCTOBER 31, 2022**

	10/31/2022	12/31/2021		10/31/2022	12/31/2021
<b>Property, Plant and Equipment:</b>			<b>Equity Capital</b>		
Plant in Service	34,808,035.52	34,647,405.78		17,636,462.43	17,216,917.46
Less: Accumulated Depreciation	(17,068,351.22)	(16,649,758.35)	<b>Long Term Debt</b>		
	<u>17,739,684.30</u>	<u>17,997,647.43</u>		5,705,491.83	2,110,146.36
<b>Construction Work In Progress</b>	344,247.35	56,390.59	<b>Equipment Leases</b>	77,577.41	1,443.79
<b>Current Assets:</b>			<b>Current Liabilities:</b>		
Cash	1,186,810.64	1,472,449.90	Current Portion of LTD	435,105.99	435,105.99
Accounts Receivable	407,257.69	206,270.44	Accounts Payable	62,050.97	92,947.03
Construction Assessments	7,564.00	8,008.00	Accrued Interest & Other	40,836.13	46,096.32
City of Auburn Debt	269,052.32	310,445.00	Customer Deposits	15,745.00	14,595.00
Inventory	50,114.03	47,355.07	Pre-Treatment Costs	4,592.00	46,592.00
PrePays	11,366.08	4,177.00	Accrued LAWPCA	100,938.13	208,953.81
<b>Total Current Assets</b>	<u>1,932,164.76</u>	<u>2,048,705.41</u>	<b>Total Current Liabilities</b>	<u>659,268.22</u>	<u>844,290.15</u>
<b>Investments:</b>					
Money Market	500,657.79	0.00			
CD's	3,511,450.86	0.00			
<b>Total Investments</b>	<u>4,012,108.65</u>				
<b>Deferred Charges</b>	50,594.83	70,054.33	<b>Deferred Credits</b>	0.00	0.00
<b>Total Assets</b>	<u>24,078,799.89</u>	<u>20,172,797.76</u>	<b>Total Equity &amp; Liabilities</b>	<u>24,078,799.89</u>	<u>20,172,797.76</u>

Sewer Metered Revenue - Versus Prior Year					
Month	2022	2021	MTD Change	%	YTD Change
January	\$311,995.69	\$307,446.53	\$4,549.16	1.48%	\$4,549.16
February	\$300,697.83	\$292,181.83	\$8,516.00	2.91%	\$13,065.16
March	\$297,207.28	\$304,459.92	\$27.92	0.01%	\$13,093.08
April	\$315,754.25	\$300,174.69	\$15,579.56	5.19%	\$28,672.64
May	\$298,264.88	\$291,038.47	\$7,226.41	2.48%	\$35,899.05
June	\$297,064.21	\$295,637.79	\$1,426.42	0.48%	\$37,325.47
July	\$320,877.00	\$328,754.01	(\$7,877.01)	-2.40%	\$29,448.46
August	\$302,573.53	\$303,544.82	(\$971.29)	-0.32%	\$28,477.17
September	\$304,111.13	\$301,731.33	\$2,379.80	0.79%	\$30,856.97
October	\$319,983.35	\$318,986.67	\$996.68	0.31%	\$31,853.65
November	\$0.00	\$282,738.92	(\$282,738.92)	-100.00%	(\$250,886.27)
December	\$0.00	\$293,337.28	(\$293,337.28)	-100.00%	(\$544,222.55)
Year-to-Date:	\$3,068,529.15	\$3,620,032.26			

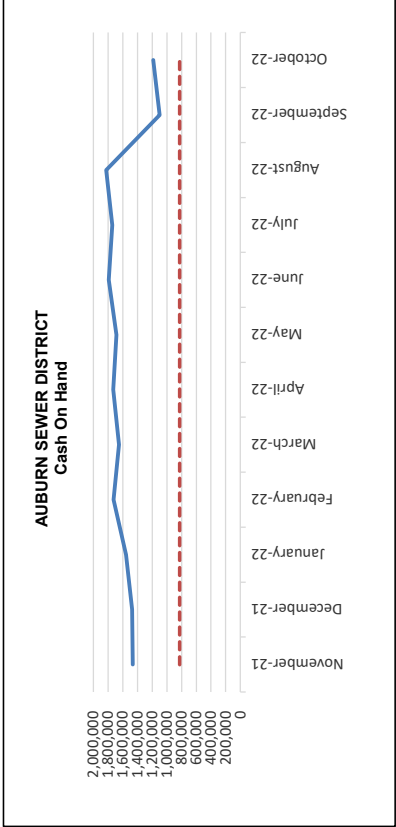
Sewer Metered Gallons Sold					
Month	2022	2021	MTD Change	%	YTD Change
January	40,393,855	42,389,594	(1,995,739)	-4.71%	(1,995,739)
February	42,291,366	40,378,184	1,913,182	4.74%	(82,557)
March	42,870,363	44,593,067	(1,722,704)	-3.86%	(1,805,261)
April	40,926,094	37,037,325	3,888,770	10.50%	2,083,509
May	41,412,840	39,716,765	1,696,075	4.27%	3,779,584
June	42,317,778	39,954,472	2,363,306	5.91%	6,142,890
July	41,978,643	43,864,523	(1,885,880)	-4.30%	4,257,010
August	41,815,384	42,688,837	(873,453)	-2.00%	3,403,557
September	43,766,901	43,555,501	211,400	0.49%	3,614,957
October	50,570,470	41,828,811	8,741,659	20.90%	12,356,616
November	0	37,558,284	(37,558,284)	-100.00%	(25,201,668)
December	0	41,731,436	(41,731,436)	-100.00%	(66,933,104)
Year-to-Date:	428,343,696	495,276,800			

SEWER Capital Spending Versus Budget			
Capital Expenses - 2022	*Budget	*YTD Actual	
2017 Volvo Excavator	\$15,980	\$0	
Truck 31 - Large Dump	\$12,500	\$11,287	
Clean-up Bucket for Excavator	\$5,000	\$5,800	
Portable Generator	\$1,600	\$1,605	
E-3 Generator	\$35,000	\$2,521	
Sewer Capital Improvement	\$20,000	\$2,137	
Nozzle Camera	\$14,000	\$11,000	
Trench Pump	\$4,500	\$3,073	
3 Computers	\$2,500	\$2,836	
Sit-Stand Work Station	\$2,000	\$1,125	
Equipment	\$113,080	\$41,385	
Sewer Lining - Oakland St. & Field Ave.	\$129,233.00	\$130,844	
Dunn St. - Third to Riverside	\$78,000.00	\$0	
Second, Fourth, Loring	\$123,000.00	\$0	
Burns St.(Summer to Turner) & Vernon	\$102,650.00	\$79,443	
Davis Ave. - Lake to Dead End	\$44,000.00	\$0	
High St. - Academy to Dead End	\$9,600.00	\$0	
Hampton Ave. - Russel to Goodrich	\$30,000.00	\$0	
Shepley St. - Lake to Highland	\$35,750.00	\$0	
W-7 Station	\$60,000.00	\$0	
River Station	\$6,000.00	\$0	
Manhole Lining	\$0.00	\$41,939	
W-6 Station	\$0.00	\$40,217	
Projects (total includes benefit costs on labor)	\$489,000	\$292,443	
Total Capital	\$602,080	\$333,828	

Sewer Metered Revenue - Versus Budget					
Month	2022	BUDGET	MTD Change	%	YTD Change
January	\$311,995.69	\$317,147.20	(\$5,151.51)	-1.62%	(\$5,151.51)
February	\$300,697.83	\$289,373.89	\$11,323.94	3.91%	\$6,172.43
March	\$297,207.28	\$300,950.39	(\$3,743.11)	-1.24%	\$2,429.32
April	\$315,754.25	\$291,265.68	\$24,488.57	8.41%	\$26,917.88
May	\$298,264.88	\$286,226.37	\$12,038.51	4.21%	\$38,956.39
June	\$297,064.21	\$280,777.17	\$16,287.04	5.80%	\$55,243.43
July	\$320,877.00	\$323,067.15	(\$2,190.15)	-0.68%	\$53,053.27
August	\$302,573.53	\$297,850.30	\$4,723.23	1.59%	\$57,776.50
September	\$304,111.13	\$295,337.95	\$8,773.18	2.97%	\$66,549.69
October	\$319,983.35	\$317,725.99	\$2,257.36	0.71%	\$68,807.05
November	\$0.00	\$277,078.66	(\$277,078.66)	-100.00%	(\$208,271.61)
December	\$0.00	\$287,772.24	(\$287,772.24)	-100.00%	(\$496,043.85)
Year-to-Date:	\$3,068,529.15	\$3,564,573.00			

Sewer Gross Payroll					
Month	2022	Budget	MTD Change	%	YTD Change
January*	\$43,296.51	\$51,432.61	(\$8,136.10)	-15.82%	(\$8,136.10)
February	\$34,324.38	\$25,539.89	\$8,784.49	34.40%	\$648.39
March	\$43,385.03	\$44,393.41	(\$1,008.38)	-2.27%	(\$359.99)
April	\$40,551.43	\$35,612.58	\$4,938.85	13.87%	\$4,578.86
May*	\$57,630.15	\$33,203.25	\$24,426.90	73.57%	\$29,005.76
June	\$35,279.11	\$42,358.19	(\$7,079.08)	-16.71%	\$21,926.68
July	\$41,715.56	\$31,381.34	\$10,334.22	33.13%	\$32,308.02
August	\$48,580.09	\$41,945.92	\$6,634.17	15.82%	\$38,942.18
September	\$33,856.15	\$31,108.91	\$2,747.24	8.83%	\$41,689.42
October	\$40,056.88	\$40,436.14	(\$379.26)	-0.94%	\$41,310.17
November	\$0.00	\$41,110.51	(\$41,110.51)	-100.00%	\$199.66
December	\$0.00	\$37,122.37	(\$37,122.37)	-100.00%	(\$36,922.71)
Year-to-Date:	\$418,675.29	\$455,598.00			
* Five pay periods					

AUBURN SEWER DISTRICT CUSTOMER ACCOUNTS RECEIVABLE										
Aging	Current	30 day	60 day	90 day	120 day	Finance Chgs	Other	Totals		
October	109,214.19	44,968.03	7,077.84	10,271.16	18,544.50	2,386.13	0.00	192,461.85		
	56.7%	23.4%	3.7%	5.3%	9.6%	1.2%	0.0%	100.0%		
September	121,431.09	26,297.29	8,393.14	6,984.79	20,273.50	2,338.63	10.00	185,728.44		
August	102,253.16	26,344.92	7,609.73	9,337.45	19,012.77	2,300.94	10.00	166,868.97		
July	120,024.70	29,686.49	10,645.36	8,498.37	19,308.40	2,287.24	10.00	190,460.56		



**Auburn Sewer District**  
**Accounts Payable Check Register**  
**October 1, 2022 thru October 31, 2022**

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
7160	10/7/2022	10	Kenneth Blais	10/7/2022	Refund Tenant Dep A/R - Customer Accts Rec	37.04
						<b><u>37.04</u></b>
7161	10/7/2022	10	Rosalie Melik	10/7/2022	Refund Tenant Deposit A/R - Customer Accts Rec	11.42
						<b><u>11.42</u></b>
7162	10/7/2022	10	Constellation NewEnergy, Inc.	9/30/2022	Stetson Rd Accrued Power	0.23
7162	10/7/2022	10	Constellation NewEnergy, Inc.	9/26/2022	Bradman Accrued Power	87.94
7162	10/7/2022	9	Constellation NewEnergy, Inc.	9/19/2022	Washington St Accrued Power	100.08
						<b><u>188.25</u></b>
7163	10/7/2022	9	MissionSquare	9/30/2022	304412 ICMA 457 Accrued Deferred Comp	2,306.82
						<b><u>2,306.82</u></b>
7164	10/7/2022	9	MissionSquare	9/30/2022	109636 ICMA 401 Employee Benefits	1,857.52
						<b><u>1,857.52</u></b>
7165	10/7/2022	9	MissionSquare	9/30/2022	705328 Roth IRA Accrued IRA/ICMA	744.43
						<b><u>744.43</u></b>
7166	10/7/2022	9	E.J. Prescott, Inc.	9/7/2022	Ergo F & C Supplies - Mains - Mnt	6,640.00
7166	10/7/2022	9	E.J. Prescott, Inc.	9/7/2022	Ergo F & C Supplies - Mains - Mnt	6,960.00
						<b><u>13,600.00</u></b>
7167	10/7/2022	9	Vortex Services LLC	9/16/2022	Lining & Traffic Control 2022 Manhole Lining	12,624.00
						<b><u>12,624.00</u></b>
7168	10/7/2022	9	Wright-Pierce	9/1/2022	Thru 08/26/22 2022-Capital Improvement Plan	1,062.09
						<b><u>1,062.09</u></b>

**Auburn Sewer District**  
**Accounts Payable Check Register**  
**October 1, 2022 thru October 31, 2022**

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
7169	10/14/2022	10	Andros. Registry Of Deeds	10/14/2022	Release Liens Lien Release Fees	44.00
						<b><u>44.00</u></b>
7170	10/14/2022	10	Auburn Water District	10/11/2022	Sept Exp A/P - Due to AWD	30,461.76
						<b><u>30,461.76</u></b>
7171	10/14/2022	10	Champlin Associates	10/5/2022	Pump Repair Expense-Moosebrook PS	7,741.80
						<b><u>7,741.80</u></b>
7172	10/14/2022	10	Constellation NewEnergy, Inc.	10/5/2022	Worthley Accrued Power	237.01
7172	10/14/2022	10	Constellation NewEnergy, Inc.	10/5/2022	"F" St Accrued Power	4.89
7172	10/14/2022	10	Constellation NewEnergy, Inc.	10/6/2022	Evergreen Accrued Power	55.15
7172	10/14/2022	10	Constellation NewEnergy, Inc.	10/6/2022	Riverside Accrued Power	1.43
						<b><u>298.48</u></b>
7173	10/14/2022	9	E.J. Prescott, Inc.	9/21/2022	Ergo F & C Supplies - Mains - Mnt	6,978.80
						<b><u>6,978.80</u></b>
7174	10/14/2022	9	Uline Inc	9/21/2022	Gloves Supplies - Safety Items	195.07
						<b><u>195.07</u></b>
7175	10/21/2022	10	Andros. Registry Of Deeds	10/21/2022	Place Liens Lien Release Fees	96.00
						<b><u>96.00</u></b>
7176	10/21/2022	10	Auburn Water District	10/17/2022	Meter Read Fee Misc Accrued Other	25,000.00
						<b><u>25,000.00</u></b>
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/13/2022	Garifeld Rd Accrued Power	4.39
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/13/2022	"E" St Accrued Power	3.60

**Auburn Sewer District**  
**Accounts Payable Check Register**  
**October 1, 2022 thru October 31, 2022**

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/13/2022	"H" St Accrued Power	5.70
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/13/2022	"B" St Accrued Power	23.15
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/12/2022	Lew Jct Rd #1 Accrued Power	300.31
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/12/2022	Merrow Accrued Power	21.33
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/12/2022	River Station Accrued Power	139.04
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/11/2022	Simpsons Beach Accrued Power	18.96
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/11/2022	Sandy Beach Accrued Power	39.42
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/11/2022	E. Shore Lane Accrued Power	12.41
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/11/2022	Chicoine Accrued Power	141.23
7177	10/21/2022	10	Constellation NewEnergy, Inc.	10/11/2022	E. Shore Rd Accrued Power	9.37
						<b><u>718.91</u></b>
7178	10/21/2022	10	Gagne & Sons	9/29/2022	Mortar Mix 2022 Vernon Area Main Replace	124.14
7178	10/21/2022	10	Gagne & Sons	9/12/2022	Concrete Mix Supplies - Mains - Mnt	26.68
						<b><u>150.82</u></b>
7179	10/21/2022	11	Group Dynamic, Inc.	10/14/2022	HRA - Nov Employee Benefits	28.00
						<b><u>28.00</u></b>
7180	10/21/2022	10	Horizon Solutions, LLC	9/29/2022	4way box, Plug Expense-River Station PS	1,700.38
						<b><u>1,700.38</u></b>

**Auburn Sewer District**  
**Accounts Payable Check Register**  
**October 1, 2022 thru October 31, 2022**

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
7181	10/21/2022	10	Maine Municipal Assoc.	10/1/2022	Workers Comp Insurance - Workers Comp	1,726.65
						<b><u>1,726.65</u></b>
7182	10/21/2022	11	Maine Municipal Emp.Hlth.	10/7/2022	Accrued Dental	407.97
7182	10/21/2022	11	Maine Municipal Emp.Hlth.	10/7/2022	Accrued IPP Withheld	216.74
7182	10/21/2022	11	Maine Municipal Emp.Hlth.	10/7/2022	Accrued Life Insurance	90.00
7182	10/21/2022	11	Maine Municipal Emp.Hlth.	10/7/2022	39021-Nov Employee Benefits	30.00
						<b><u>744.71</u></b>
7183	10/21/2022	10	Spencer Group	10/18/2022	Patching-Cook St Supplies - Mains - Mnt	240.00
						<b><u>240.00</u></b>
7184	10/28/2022	10	Joan Hoppes	10/28/2022	Refund Final Overpd A/R - Customer Accts Rec	50.32
						<b><u>50.32</u></b>
7185	10/28/2022	10	Alexis Bellefleur	10/28/2022	Refund Credit Bal A/R - Customer Accts Rec	62.16
						<b><u>62.16</u></b>
7186	10/28/2022	10	Constellation NewEnergy, Inc.	10/19/2022	Washington Accrued Power	123.38
7186	10/28/2022	10	Constellation NewEnergy, Inc.	10/13/2022	Moose Brook Accrued Power	223.94
						<b><u>347.32</u></b>
7187	10/28/2022	10	L.A.W.P.C.A.	10/4/2022	Oct Ops Accrued - LAWPCA	98,751.09
						<b><u>98,751.09</u></b>
7188	10/28/2022	10	Sun Journal	9/30/2022	Rate Inc Notice Misc Expense-A&G Office	295.50
						<b><u>295.50</u></b>
7189	10/28/2022	10	Wright-Pierce	10/7/2022	Swr Modeling thru 093022 Sewer Capacity Study	3,085.06

11/8/2022

**Auburn Sewer District  
Accounts Payable Check Register  
October 1, 2022 thru October 31, 2022**

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	<u>Inv Date</u>	<u>Description</u>	<u>Amount</u>
7189	10/28/2022	10	Wright-Pierce	10/7/2022	thru 093022 2022-Capital Improvement Plan	1,075.33
						<u>4,160.39</u>
<u>Grand Total</u>						<u>212,223.73</u>

10/31/2022

VENDOR	REF	AWD G/L #	ASD G/L #	Amount
Anthem	Health Ins	1142-300	2604-000	9,139.77
Anthem	Health Ins	1142-300	2241-070	1,886.82
Anthem	Health Ins	1142-300	2241-071	17.44
Apple	Capital Computers	1142-300	2105-963	528.50
Bisson Enterprises, Inc.	office cleaning	1142-300	2675-500	350.00
Budget Document Techonology	copier	1142-300	2675-800	102.87
Budget Document Techonology	Qtrly Copier Maint Contract	1142-300	2675-800	182.30
Central Maine Power	Rubber Glove Testing	1142-300	2620-500	11.49
Central Maine Power	power @ 268 Court Street	1142-300	2615-500	145.51
Central Maine Power	power @ 268 Court Street	1142-300	2615-800	72.76
City Of Auburn	Permits	1142-300	2675-600	1,440.00
City of Lewiston	SCADA Tech wages/benefits-Sept 2022	1142-300	2601-600	1,557.39
City of Lewiston	SCADA Tech wages/benefits-Sept 2022	1142-300	2604-000	327.99
City of Lewiston	SCADA Tech wages/benefits-Sept 2022	1142-300	2658-000	92.82
City of Lewiston	SCADA Tech wages/benefits-Oct 2022	1142-300	2601-600	1,669.02
City of Lewiston	SCADA Tech wages/benefits-Oct 2022	1142-300	2604-000	324.32
City of Lewiston	SCADA Tech wages/benefits-Oct 2022	1142-300	2658-000	96.51
Computer Place	Scada IT Support	1142-300	2675-800	15.00
Computer Place	UV IT Support	1142-300	2675-800	15.00
Computer Place	Oct IT Support	1142-300	2675-800	324.13
Computer Place	Oct IT Support	1142-300	2675-800	30.00
Computer Place	Scada IT Support	1142-300	2675-800	15.00
Computer Place	UV IT Support	1142-300	2675-800	15.00
Computer Place	UV IT Support	1142-300	2675-800	30.00
Constellation NewEnergy	energy charge @ 268 Court Street	1142-300	2615-500	104.39
Constellation NewEnergy	energy charge @ 268 Court Street	1142-300	2615-800	52.19
Dig Safe System, Inc.	monthly bill	1142-300	2675-600	194.21
Eastern Fire	Backflow Preventer	1142-300	2675-500	87.50
FirstLight	telephone service	1142-300	2676-800	219.39
Gagne	Concrete Blocks - Shop	1142-300	2620-500	90.00
Goodman Wiper & Paper	Shop rags	1142-300	2620-500	70.88
Grainger	Electrical Gloves	1142-300	2620-550	116.75
Hazelton, Sid	Oct. mileage	1142-300	2675-500	175.00
Home Depot	Moose Brook - Ankle Shackles, etc	1142-300	2620-206	75.72
Home Depot	Shop Supplies	1142-300	2620-500	52.20
Intrado	Auto Calls	1142-300	2675-850	50.15
Kele	LAWPCA Charge Out	1142-300	2416-000	221.06
Kele Inc	Garage Heat Control	1142-300	2675-500	134.24
LL Bean	Employee Safety Recognition	1142-300	2675-800	859.06
Maine State Retirement System	Retirement Contribution	1142-300	2604-000	48.21
Maine State Retirement System	Retirement Contribution - Life Ins	1142-300	2604-000	25.36
Maine State Retirement System	Retirement Contribution	1142-300	2241-030	35.92
NAPA	W3 Pump Station - Grease	1142-300	2620-218	17.32
NAPA	Shop Supplies	1142-300	2620-500	71.43
Ness Oil	Oct Fuel Trk 40	1142-300	2650-125	636.72
Ness Oil	Oct Fuel Trk 35	1142-300	2650-123	1,079.50
Ness Oil	Oct Fuel - Trk 37	1142-300	2620-500	167.63
Northern Data Systems	Oct billing	1142-300	2675-700	1,240.21
Northern Data Systems	BUSA Query tool	1142-300	2675-800	512.50
Petty Cash	Mileage & Misc	1142-300	2675-500	59.18
Pine Tree Waste	bulk waste	1142-300	2675-500	104.52
Rent-it	Excavator - 2 Days - Little Orchard Mani	1142-300	2620-600	235.74
Staples	Copier Paper, Toner, Etc	1142-300	2620-800	111.86
Super Shoes	Sewer Employees - Clothing Allowances	1142-300	2604-000	352.11
Thayer	Qtrly contract	1142-300	2675-500	408.38
United Way	employee contribution	1142-300	2241-000	12.00
Unitil	268 Court Street Nat'l Gas	1142-300	2620-500	176.04
Unum	October life insurance	1142-300	2604-000	100.85
US Cellular	Oct cell phones	1142-300	2676-500	292.52
Walgreens	Office Supplies	1142-300	2675-800	12.01
Walmart	Office Supplies	1142-300	2675-800	16.63
WB Mason	Trash Bags	1142-300	2620-500	17.47
WB Mason	Misc Office Supplies	1142-300	2620-800	35.28

26,661.77



# MAINS

# MANHOLES

Location	Ck'd	Comments	OK	Cover	Misc.	Frame & Cover	New
Little Orchard Ct	42	Install new sewer manhole					1
Monthly Totals	1		0	0	0	0	1
2021 Monthly Totals	3		0	0	3	0	0
YTD Totals	60		3	0	47	7	2
2021 YTD Totals	33		5	1	22	5	0

## SERVICES

Location	Ck'd	Comments	New	OK	Misc.	on owner
600 Center Street	4	Inspect new sewer service connection	1			
40 Heath Ln	2	Back-up, on owner				1
905 Washington	2	Back-up, on owner				1
38 Louise	2	service issue, main ok				1
<b>Monthly Totals</b>	4		1	0	0	3
<b>2021 Monthly Totals</b>	2		0	0	0	2
<b>YTD Totals</b>	33		4	2	5	22
<b>2021 YTD Totals</b>	49		5	4	9	31

## LIFT STATIONS

Location	No.	Comments
Moose brook	12	re-installed rebuilt pump in wet well
W-2	82	Pump 1 and 2 failure
River Pump station	4	address door issues
W-3	4	Pulled pumped and grease terminals as directed.
<b>Monthly Totals</b>	4	
<b>2021 Monthly Totals</b>	9	
<b>YTD Totals</b>	62	
<b>2021 YTD Totals</b>	68	

## OVERFLOWS

Item		Comments
<b>Monthly Totals</b>	2	
<b>YTD Totals</b>	8	

## WEATHER\*

Month	Precipitation				Temperature			
	Snowfall(in.)	Total (in.)	Normal Precip.	Days of Precip.	Max (°F)	Min (°F)	Avg- (°F)	Dep. From norm
January		1.38		8	44	-13	18	
February	28.0	2.56		8	64	-2	26	
March	8.0	3.02		10	68	2	35	
April	0.0	4.80		15	65	28	46	
May	0.0	1.63		6	91	30	58	
June	0.0	3.22		10	86	46	64	
July	0.0	4.98		7	92	55	72	
August	0.0	2.73		11	92	56	71	
September	0.0	3.56		9	83	60	39	
October								
November								
December								
<b>YTD Totals</b>	36.0	27.9	0.0	84.0				
<b>2021 Totals</b>	16.6	24.8	3.2	87				

## **DIG SAFE**

Month	Total	Contractors	MDOT	AHD	School Dept.	Lewiston Water	Consolidated comm.	AWD	CMP	ASD	GAS	MTA
January	63	36	0	0	1	0	0	7	8	0	11	0
February	66	46	1	0	0	0	0	9	9	0	1	0
March	91	58	0	1	0	0	0	6	7	2	16	1
April	162	105	5	18	0	0	0	9	7	0	17	1
May	155	94	1	34	0	0	0	3	6	1	15	1
June	118	78	0	24	0	0	0	1	7	2	4	2
July	127	71	1	26	1	0	0	1	7	1	16	3
August	135	68	1	40	1	1	0	8	8	1	6	1
September	92	51	1	17	0	3	0	3	3	0	11	3
October	95	57	3	9	0	0	0	7	5	1	10	3
November												
December												
<b>YTD Totals</b>	1104	664	13	169	3	4	0	54	67	8	107	15
<b>2021 Totals</b>	1249	757	7	230	1	0	3	56	104	2	82	7

## **DUTY FOREMAN CALLS**

(Overtime)

Districts	Total	High/Low Pressure	Water Quality	Alarms	Service Issue	Leak	Misc.	Locates	Hydrants	Meter	Fire Calls
Sewerage District	4			0	3	0	0	1	0	0	0
Water District	5	0	0	0	2	0	1	1	0	0	1
<b>Monthly Totals</b>	9	0	0	0	5	0	1	2	0	0	1
<b>2021 Monthly Totals</b>	7	0	0	0	2	1	2	2	0	0	0
<b>YTD Totals</b>	72	0	0	0	31	7	9	13	9	0	3
<b>2021 YTD Totals</b>	63	0	1	0	22	11	8	10	3	1	7

## **OTHER ACTIVITIES**

- 1 Install storage box and new power cord for portable gen 2
- 2 Work on fiscal sustainability plan with W-P
- 3 Vactor, clean screen, repair main water valve, grease all fittings
- 4
- 5
- 6
- 7
- 8

## Lewiston - Auburn Water Pollution Control Authority

Monthly Cost Apportionment Summary											
Cost Apportionment Summary - First Half of 2022											
Lewiston Sewer Division						Auburn Sewerage District					
Month	Initial %	Initial \$	Op Data %	Op Data \$	Difference \$		Initial %	Initial \$	Op Data %	Op Data \$	Difference \$
January	64.00%	\$170,812.65	63.29%	\$168,917.69	\$1,894.95	####	36.00%	\$96,082.11	36.71%	\$97,977.07	(\$1,894.95)
February	64.00%	\$170,812.65	63.37%	\$169,131.21	\$1,681.44	####	36.00%	\$96,082.11	36.63%	\$97,763.55	(\$1,681.44)
March	64.00%	\$170,812.65	63.84%	\$170,385.61	\$427.03	####	36.00%	\$96,082.11	36.16%	\$96,509.15	(\$427.03)
April	64.00%	\$170,812.65	66.18%	\$176,630.95	(\$5,818.31)	####	36.00%	\$96,082.11	33.82%	\$90,263.81	\$5,818.31
May	64.00%	\$170,812.65	60.82%	\$162,325.39	\$8,487.25	####	36.00%	\$96,082.11	39.18%	\$104,569.37	(\$8,487.25)
June	64.00%	\$170,812.65	62.22%	\$166,061.92	\$4,750.73	####	36.00%	\$96,082.11	37.78%	\$100,832.84	(\$4,750.73)
Six Month Adjustment			63.29%		\$11,423.10				36.71%		(\$11,423.10)
Cost Apportionment Summary - Second Half of 2022											
Lewiston Sewer Division						Auburn Sewerage District					
Month	Initial %	Initial \$	Op Data %	Op Data \$	Difference \$		Initial %	Initial \$	Op Data %	Op Data \$	Difference \$
July	64.00%	\$170,812.65	62.24%	\$166,115.30	\$4,697.35	####	36.00%	\$96,082.11	37.76%	\$100,779.46	(\$4,697.35)
August	62.00%	\$165,474.75	64.04%	\$170,919.40	(\$5,444.65)	####	38.00%	\$101,420.01	35.96%	\$95,975.36	\$5,444.65
September	62.00%	\$165,474.75	65.22%	\$174,068.76	(\$8,594.01)	####	38.00%	\$101,420.01	34.78%	\$92,826.00	\$8,594.01
October	63.00%	\$168,143.70	64.50%	\$172,147.12	(\$4,003.42)	####	37.00%	\$98,751.06	35.50%	\$94,747.64	\$4,003.42
November	63.00%	\$168,143.70	66.18%	\$176,630.95	(\$8,487.25)	####	37.00%	\$98,751.06	33.82%	\$90,263.81	\$8,487.25
December	63.00%	\$168,143.70	64.73%	\$172,760.98	(\$4,617.28)	####	37.00%	\$98,751.06	35.27%	\$94,133.78	\$4,617.28
Six Month Total Adj			64.00%		(\$13,344.74)				36.00%		\$13,344.74
Average to date			63.572%						36.428%		
Adjustments to date					(\$1,921.64)						\$1,921.64
Average / Adjustments year end			63.57%		(\$1,921.64)				36.43%		\$1,921.64
Data on this summary sheet applies to operations cost only. capital expenses are apportioned on a yearly basis and determined by the final year end apportionment for the previous year.											

To: LAWPCA Board of Directors

From: Travis Peaslee

Date: October 25, 2022

Re: 2023 Budget Summary

## **O&M Expenses-**

**Operating Chemicals and Amendments-**We have a pretty good handle on chemical usage and bid on them annually. Unfortunately, we are seeing a massive price increase on Sodium Hypochlorite, in addition to expected increases on Sodium Bisulfite and Polymer due to the cost of fuel. Despite bidding, we only received pricing from one Hypo vendor, and were informed from them that they are not able to offer price protection due to market volatility. We are hopeful the market stabilizes but have planned for the worst with our unit cost assumptions. We are not budgeting for wood amendments at the Compost Facility.

**Equipment Maintenance and Repair-** At the treatment plant, we are proposing an increase in this account beyond the normal needs to address aeration blower motor issues, replace the grease pit pump, replace the chain and associated components in a primary basin, and replace quite a few failing valves. Some of these items were moved here from the quasi-capital expense account, driving up this account and lowering that one. At the Compost Facility we do not plan to operate any equipment other than a monthly test of the blowers and turners. We have left a little money in the budget to address any minor issues discovered during these monthly checks.

**Buildings and Grounds-**At the treatment plant, in addition to normal outside services and a few small projects, we are planning three projects that historically we would have funded out of the quasi-capital account, which significantly increased cost in this account. Due to the Auditors recommendation to only have projects in the quasi account that have a cost greater than \$5,000 and a life expectancy greater than 5 years, we are proposing to fund the Tractor garage and ammonium polyphosphate building repurposing projects as well as the concrete rehab projects in this account. At the Compost Facility we are budgeting the bare minimum to keep the fire alarm system operable, doors and lights working, and the yard maintained.

**Vehicle Expense-**Our fleet is in relatively good shape, with the exception of the two hook trucks which tend to be expensive to repair, we don't have a lot of money to cover anything major but feel we are more than covered for the normal wear items such as tires, oil, etc. Fuel estimates are based on estimated City of Lewiston fuel rates and the assumption that we will deliver 8000 yards to the Compost Facility to then be transferred by Casella. The increase in this budget is almost solely due to the increased cost of fuel. At the Compost Facility, the expenses are for the two loaders we use to move the material delivered in addition to snow removal.

**Residuals Disposal-** We are budgeting for 8000 yards to be transferred by Casella for a cost of \$124.75/Ton plus an assumed \$6/ton fuel surcharge. We are using a density average of 1500 lbs./yard, which is roughly what we averaged this year. We are on track to produce just over 7500 yards this year so there is a little conservatism built into our assumptions. I believe changes we made to our material handling (improved % solids and increased VS reduction in the digester) operations have resulted in the volume we are experiencing, but don't want to bank on them until we have a longer period to evaluate. Our contract with Casella runs through 2023 but may be subject to an increase if the impacts of the out-of-state C&D ban impact operations. Any cost impacts wouldn't be known until the spring of next year. We are still required to analyze our material monthly; however, we have removed the cost for 12 site licenses, Barker pad maintenance, and property tax on 276 and 371 Penley Corner Road in Auburn. In addition to biosolids this account covers expenses related to grit disposal (LAWPCA as well as LPW and ASD material).

**Laboratory Expense-**At the treatment plant, these expenses are closely accounted for and are relatively standard. The items worth noting this year are a required Whole Effluent Toxicity (WET) test, an increase in the amount of process control testing supplies, a new *E. coli* tray sealer, and muffle furnace to replace failing equipment. The additional process control supplies should help us better monitor and improve our treated effluent. At the Compost Facility, we are only looking at SME groundwater monitoring expenses which increased due to the voluntary PFAS sampling that got added to the semi-annual monitoring, as well as an increase in analytical cost.

**Pretreatment-**Most of these expenses are very standard and routine, with the exception of a needed portable composite sampler used to sample industries. A notable lab cost is included for sampling of potential sources for PFAS. This is not required but would help us assess our inputs and decide what, if anything, could be done about them. Also, we included the cost for additional aluminum sampling that is required of us in order to start developing local limits for it.

**Safety-**With the exception of a few small pieces of equipment these expenses are standard. The cost for new hires is a wild card but is something we carry annually and hope not to use. Some of the Compost safety costs are broken out, while most are buried within the Treatment Plant line items.

**Electric Power-**We conduct annual energy audits and have been successful at identifying projects that help us continue to reduce usage. Unfortunately, the price for demand seems to offset any financial savings. We have a few demand reduction projects that were identified and are still in the process of being implemented, so we haven't had a chance to fully assess the potential benefit. The cogens have been running more reliably and we hope to increase up time so I am hopeful we are able to purchase much less power than budgeted for. In late 2020 we changed our contract with Constellation at the TP to include capacity for a rate less than we were paying without capacity, and also agreed to a new contract at the Compost Facility with

capacity pass-through for a rate of \$.048/kW. While we were fortunate to have locked in those low rates when we did, they expire in November of 2023 so we will likely see pretty substantial increases then. I plan to discuss future purchasing agreements for both facilities in the Spring. We are not expecting solar to go online anytime soon, if ever, so have not accounted for it this year. At the Compost Facility, we developed a plan to have very minimal usage as well as decreased demand so expect cost to be close to budgeted. The increase we saw this year was due to a trial we performed to dry the wet sludge with our blowers which will not be realized next year.

**Fuel-**We continue to do well in decreasing natural gas usage through controls and have been fortunate to have low gas rates in the past, however I am being told to expect double the unit cost for gas moving forward. I have increased the unit prices accordingly but am holding my usage assumptions and will continue to do what we can to conserve fuel. My projections assume this winter will be a bit colder than last, but that the engines will run a decent amount and provide most of the digester heat. The 1,000 gallons of diesel purchase at the treatment plant is typical and allows us to burn up older fuel in the storage tank before buying new and turning over our oil tank each fall. The Compost Facility heat is turned off and all the water has been drained so we shouldn't need to run heat in that facility.

**Water & Utilities-** We conduct annual water audits and have managed to implement numerous water conservation projects. We have a couple more planned for this year, however, from time to time we find staff leaving open valves that shouldn't be, causing our usage to jump around. We saw over a 20% rate this year, so that ate up most of the savings from usage reductions, but we hope to complete a few more identified small water conservation projects in the coming year and reduce our usage even more.

**Landfill Maintenance/Monitoring-**Other than the required annual water quality testing and mowing, we are planning to have the rip rap channels sprayed to control weed growth as well as some collection system line cleaning and inspection. A few items worth noting are the twice per year PFAS samples at the landfill, and annual sampling plus equipment upkeep on the RO system at the 463 River Road residence.

**PFAS Contingency-**This account was developed in 2020 to address the biosolids management uncertainty and whether or not we were able to continue with land application. We technically never used this account. I am proposing to not fund the account this year for a couple reasons 1) we pretty much know where all of our material is going 2) we have some conservatism built into the residuals account already 3) there are likely 2-3 other options for disposal in the approximate range of budgeted cost if needed. Whether or not Casella will be impacted by C&D legislation is yet to be known, but if they are they would likely look to pass that cost on. Once we know more on that front in the Spring, we could decide whether we want to look more seriously at our other current alternative options, but i don't think any would require us to carry additional funds in this account.



**Office Expense-** In addition to standard and typical expenses are: two new computers, SCADA monitor, and replacement UPSes.

**Telephone & Communication-** This year we did projects to isolate the Local Area and SCADA networks for security purposes and swapped to a remote back up service for the Server and both SCADA computers that provides daily back-ups and business disaster recovery features. Next year we are looking to enhance protection with remote monitoring and vulnerability assessments of our systems. These new services over the past two years should wrap up our IT security needs but do come with monthly fees that are now included in this account.

**Insurance-** With a reduced # of staff, and no injuries, our workers compensation expenses have decreased some over the past few years. Unfortunately, we recently had two workplace injuries that required surgery, which will certainly increase the Mod rate moving forward. I assumed an increase from the current 0.67 to 0.85. On the commercial insurance package, I was told to assume a 15% increase due to insurance companies increasing building replacement cost to be more realistic in addition to the construction inflation they are seeing nationwide. On the vehicle package, I am also carrying the recommended increase of 7%. I am hopeful none of the assumed increases come to fruition at the levels included.

**Legal & Audit-** Our auditor and REC broker are locked in for the year so the only assumption in this account is that there will be some expense related to miscellaneous issues such as labor, PFAS, etc.

**Advertising & Public Relations-** We added a few relatively large items for this account which are overhauling and training on maintaining our website, as well as money to engage with a consultant to come up with a proposed new facility name and other rebranding efforts.

**Salaries & Wages-** Without the Compost Facility operating, I believe we can continue to operate at a 15 staff level, but this is something we will need to keep an eye on and assess year-to-year. With the union contract in-place, and assuming we continue to compensate non-union staff according to the pay scales established in the 2016 study, we are looking at a 2.75% COLA for all staff and a step (union) or 2% merit increase (non-union) for all staff except the General Manager. We have quite a few new personnel that are at the beginning of the pay scale which helped offset some of the annual merit and COLA increases. The O.T. assumptions are based on current employee practices of getting paid vs. comping. Our union contract expires at the end of 2023.

**Employee Benefits-** We are assuming a conservative 10% increase on health insurance premiums but hope to have solid figures before we finalize the budget. We have had quite a few new employees that joined our insurance and retirement plans, driving this account up quite a bit. We are assuming a 33% utilization rate of Health insurance in which we pay the first 50% of the annual max out of pocket expense.

**Professional Development**-We are budgeting this account with the assumption that 2023 will still be a mix of remote training and onsite conferences. With new employees we are spending more on exams, wastewater training, and specialized training for things such as welding, electrical, and truck driving. We are also hopeful to get an employee in either the JETCC Operator or Management Candidate program next year. Some additional money was added to support Paula with her travels and meeting requirements as the NEWEA State Director.

**Licensing Fee**-These are standard license renewals, however the MEPDES permit expense is now tied to inflation, which we assume to be 8% next year. Other than that, fees are pretty typical.

**O&M Expense Summary**- Almost every account saw increases which resulted in a 10.2% increase. Some of this increase however is due to shifting expense from the quasi-capital accounts in to our 603 and 604 accounts based on Auditor recommendations. The rest of the increase is made up primarily from increased chemical cost, biosolids PFAS cost increases, natural gas rates expected to double, and hopefully our conservative assumption of a 10% increase in health insurance rates.

### **Other Expenses-**

**Interest Expense**-Interest on 6 bonds according to debt schedule. Down from 2022 due to lower bond payments.

**Debt Expense**-MMBB and DEP expenses on 6 bonds according to debt schedule. Down for the same reason as interest expense.

**Reserve for Replacement Account**- Using the metric of 8%-12% of expenditures, the Reserve for Replacement account should be maintained between \$432,000 - \$648,000. Using a few assumptions, we should have an Estimated balance on 12/31/22 of \$975,000. We have nothing slated for use of these funds next year, so with the healthy balance, I am proposing to not fund this account for this year.

**Bonds Payable**- We have an interim note that I anticipate making permanent in early 2023. Because we haven't locked the loan in, I am assuming a worst case \$1 Million loan at 2% over 20-years. For this year I put the total cost as bond expense opposed to breaking it out into the interest and debt expense accounts. I believe we should end up closer to a \$910,000 loan with an effective rate of 1.5%.

**Compost Facility Plant & Equipment**-We are not planning any project at this facility.

**Office Equipment**-Based on a recommendation from our Auditor, we have moved items out of this account and into the O&M office account.

**Treatment Plant & Equipment**- The majority of projects we historically would have funded in the account were moved to 603 and 604 accounts. That left just a few projects here which are a

new supply fan in our bisulfite room, installation of a concrete pad where we store heavy equipment, and installation of a concrete floor in our maintenance shop.

**Transportation Equipment**-We are not planning any transportation projects.

**Total Expense Summary**- Total expenses are up 3.3% from 2022 budget, due to all the above O&M expense increases, in addition to the Bar Screen replacement bond payment of nearly \$70,000. The items that I am not planning to budget for in expenses are funding of the reserve account or the PFAS contingency account. I feel we are doing well at maintaining the facility and its equipment through the use of our PM and asset management systems, which cost us a bit more annually, but should be saving us significantly long term. Thanks to input from a number of staff, I feel like we have accurately accounted for all anticipated expenses.

## **Outside Revenues**

**Septic Revenue**-We continue to see significant amounts of material coming our way and believe some are short-term (facilities shut down during construction and the booming economy), but most are potential long-term due to changes we made to our operation and our attractive rate. We did increase rates to \$0.12/gallon this year, and don't propose increasing this year, but will be looking closer at doing so the following year. The DEP owes the legislature a report on septage management so I am waiting to see where all of that goes before making any changes. We are assuming volumes will be somewhere between those realized in 2021 and 2022.

**Septic Licenses**- Standard amount of hauler licenses and fees.

**Outside waste to digesters**-There is a lot of potential (6-7 loads/week) but we are only budgeting for 5 loads a week, which we feel comfortable counting on based on our history of supply issues, Cogen failures, etc.

**Vactor pad Charges**-The assumed loads are based on historical averages and discussions with Ted Berry/Vortex, who is typically contracted by the City of Lewiston to clean sewer lines.

**Industrial revenue**-We changed our structure to charge based on whether industries are categorical or non-categorical and worked it so not to increase the fee on any industrial user. By using the new fee structure our revenues decreased, however are easier to understand, explain, and defend. We are unaware of any new industries joining, or existing industries exiting our program, so have budgeted accordingly.

**Interest revenue**-We no longer have a CD, so the revenue here is all from our special checking account which has held steady at the 0.30% interest we are budgeting around.

**Compost sales revenue**-With the Compost Facility not operating there is no revenue to account for.

**Constellation new energy**-The payments for load shedding continue to decrease but we still participate. Our peak kW demand is 450-500 kW, so we have more potential to shed; however, we were operating both cogens when they called their summer audit so very little power needed to be shed therefore, I am only accounting for payment of 100 kW worth of response. We have a plan to better respond moving forward so its likely we will be shedding more during the Winter audit and thus should be receiving more money than I am budgeting for.

**Renewable energy credits**-We have locked in agreements for REC's thru 2023 with payments increasing all the way up to \$38/REC. Next year we will get paid for half the year's production at \$28/REC and the second half at \$38/REC. The production volume estimates are lower than what we are seeing currently, however similar to our history with feedstocks. We are being conservative despite the potential to increase power production and sell more REC's.

**Total Revenue Summary**-I am projecting a 21% increase of revenues over the 2022 budget, but essentially the same amount as 2022 projected. There is decent potential in additional septic, feedstocks, and REC sales but I don't want to bank on any of them.

**Overall Budget Summary**-As presented, we are proposing a 10.2% increase in O&M expenses, a total expense increase of 3.3%, revenue increases of 21%, and a total budget increase of 1.7% over 2022 budget. As noted, there would be no funding of the reserve for replacement account or the PFAS contingency account.

The major assumption with this budget is that \$153,850 of what were original 2023 budget requests are removed and expected to be purchased before the end of this year using projected budget surplus. This assumption removes \$110,900 of proposed items from the 2023 needs in the 603 and 604 accounts, as well as \$42,950 from 171 for a total of \$153,850 removed. This still leaves nearly a projected \$100k surplus for end of year issues and to square away cost apportionment. The projects that we have proposed to be removed from our original request and that we feel could be purchased before year end are: safety platform \$25,000, Aeration mixer \$20,000, Secondary bypass actuator \$10,000, plc and electrical breakers and spare parts \$50,000, Win 911 update \$5,900, main switch gear spare breaker \$29,000, Primary and Aeration handrails \$13,950. The projected 2022 surplus of near \$250,000 is due primarily to increased revenue and a couple large quasi capital projects that were either not fully needed or were shifted to a future time in our CIP due to vendor input. The rest is made up from lower chemical consumption, no major equipment breakdowns, more power production/less consumption, reduced water usage, and lower than expected insurance rate increases. Although we still have a month plus for things to go astray, I am fairly comfortable with our budget projections and use of those funds to move forward with the proposed

approach. If the Board is uncomfortable with this approach, we can insert the originally requested items back into the budget which would increase the overall budget request to a 5.1% increase. Alternatively, and I suppose with either scenario, we could discuss use of reserve for replacement funds to offset any proposed increases.

At the plant, we continue to work hard at reducing fuel, water, electricity, and staff overtime, but have also been working diligently on maintaining our facilities and equipment properly which costs more money. Cost of supplies, services, chemicals, insurance, amongst nearly all other things are seeing increases that I hope slow or stabilize moving forward. Biosolids management always carries uncertainty but I feel we have built in some conservatism to absorb any changes that might be needed. With the agreement to landfill in place through the end of the year, and the Compost Facility assumed to continue to be mothballed, I believe our current staff level is sufficient for 2023 but is something we will need to look closer at year to year.

Overall, our facility is in great shape and our staff is well supported, and despite all of the unprecedented challenges and increases we are seeing, I feel the budget as requested is reasonable. I am happy to answer any specific account questions you may have and of course am willing to further elaborate on any assumption we have made.

# **AUBURN SEWERAGE DISTRICT 2023 BUDGET**

**DRAFT - November 10, 2022**

**Trustees:**

**Stephen Ness, President  
Charles Sheehan, Treasurer  
Stephen Milks, Mayor's Rep  
Robert Cavanagh  
Raymond Fortier  
Thomas Moulin**

**Officers:**

**Sid Hazelton, Superintendent  
Mike Broadbent, Asst Superintendent  
Tanya Dunn, Financial Manager**

# AUBURN SEWERAGE DISTRICT

## 2023 Budget

	Actual 2020	Actual 2021	Budget 2022	PROJECTED 2022	BUDGET 2023	Notes
Metered Sales - Residential	\$2,186,467	\$2,251,513	\$2,219,998	\$2,267,974	\$2,483,431	Assumes 9.5% increase from rates
Metered Sales - Commercial	734,135	778,844	761,050	788,516	\$863,425	Assumes 9.5% increase from rates
Metered Sales - Industrial	430,248	382,751	420,650	432,177	\$473,234	Assumes 9.5% increase from rates
Metered Sales - Public Authorities	152,402	170,063	162,875	173,958	\$190,484	Assumes 9.5% increase from rates
<b>Total Metered Sales</b>	<b>\$3,503,253</b>	<b>\$3,583,171</b>	<b>\$3,564,573</b>	<b>\$3,662,625</b>	<b>\$4,010,574</b>	<b>9.5%</b>
Industrial Surcharges	63,459	49,273	50,625	52,249	52,249	Assumes 0% increase from Growth/Usage
City of Auburn - Shared Debt	41,392	41,392	41,392	41,392	41,392	From Debt Schedule
Jobbing & Miscellaneous	11,724	9,092	12,835	8,570	9,795	Jobbing (shown net 2017 forward) - 3yr avg
Assessments	16,856	29,021	17,423	11,215	19,030	3 Year Avg
Finance Charges	9,206	5,919	6,810	6,489	6,489	Assume No Change
Interest Income	8,783	5,068	7,858	13,323	9,058	3 Year Avg
Industrial Pre-Treatment Fees	57,000	50,400	54,492	50,400	42,500	Per LAWPCA
Sewer Capacity Fees	20,250	28,125	22,208	36,726	28,367	3 Year Avg
<b>Total Revenues</b>	<b>\$3,731,922</b>	<b>\$3,801,460</b>	<b>\$3,778,216</b>	<b>\$3,882,987</b>	<b>\$4,219,454</b>	<b>8.7%</b>
Payroll	440,707	423,438	455,598	478,485	526,202	Implement Salary Survey, Retention Bonus
Employee Benefits	218,301	204,968	263,353	223,809	272,677	See Schedule - Includes flat healthcare premiums
Maintenance of Sewers	65,088	31,991	52,897	108,482	68,520	See Backup Schedule
Maintenance of Lift Stations	70,551	89,223	68,900	74,372	74,825	See Backup Schedule
Maintenance of Buildings	49,933	47,908	44,445	49,411	51,823	See Backup Schedule
Maintenance of Vehicles	19,754	21,311	21,705	28,585	28,890	See Backup Schedule
Office Expense	27,896	27,344	30,243	30,287	31,849	See Backup Schedule
Collection Expense	(151)	(151)	(776)	(1,400)	(776)	Cost of liens - Net
General Expense	2,503	11,343	3,572	4,000	5,948	See Backup Schedule
Insurances	49,721	49,060	55,260	57,728	59,459	See Backup Schedule
Legal & Accounting	11,645	12,452	10,268	7,351	6,841	See Schedule
Billing Expense	70,191	69,401	79,342	76,746	81,317	See Backup Schedule
LAWPCA - Treatment	1,906,312	1,911,004	1,911,004	1,855,878	1,930,830	See Schedule - Per LAWPCA (Includes Pre-Treatment)
<b>Sub - Total</b>	<b>\$2,932,451</b>	<b>\$2,899,292</b>	<b>\$2,995,812</b>	<b>\$2,993,733</b>	<b>\$3,138,408</b>	<b>4.8%</b>
<b>Interest (bonds)</b>	<b>66,163</b>	<b>61,886</b>	<b>54,168</b>	<b>114,542</b>	<b>184,113</b>	See Backup Schedule
<b>Total Expenses</b>	<b>\$2,998,614</b>	<b>\$2,961,178</b>	<b>\$3,049,980</b>	<b>\$3,108,275</b>	<b>\$3,322,521</b>	<b>6.9%</b>
<b>Net from Operations</b>	<b>\$733,308</b>	<b>\$840,282</b>	<b>\$728,236</b>	<b>\$774,712</b>	<b>\$896,933</b>	
<b>Debt Reduction (bonds)</b>	<b>435,106</b>	<b>440,643</b>	<b>446,756</b>	<b>355,634</b>	<b>558,962</b>	See Backup Schedule
<b>Surplus from Operations</b>	<b>\$298,202</b>	<b>\$399,639</b>	<b>\$281,480</b>	<b>\$419,078</b>	<b>\$337,971</b>	
<b>General Equipment</b>	<b>124,660</b>	<b>41,932</b>	<b>113,080</b>	<b>113,080</b>	<b>104,800</b>	See Backup Schedule
<b>Capital Projects</b>	<b>355,229</b>	<b>640,865</b>	<b>424,000</b>	<b>424,000</b>	<b>436,425</b>	See Backup Schedule
<b>Change in Cash after Capital</b>	<b>(\$181,687)</b>	<b>(\$283,158)</b>	<b>(\$255,600)</b>	<b>(\$118,002)</b>	<b>(\$203,254)</b>	
<b>Total Expenses</b>	<b>3,558,380</b>	<b>3,443,753</b>	<b>3,609,816</b>	<b>3,576,989</b>	<b>3,986,283</b>	Total Expenses, Bond Payments, General Equipment

# AUBURN SEWERAGE DISTRICT

## 2023 Budget

	Actual 2020	Actual 2021	Budget 2022	PROJECTED 2022	BUDGET 2023	Notes
<b>EMPLOYEE BENEFITS</b>						
Health Insurance	161,892	153,578	189,923	150,251	189,181	See Health Schedule, includes allocation from AWD
FICA	34,542	35,581	37,855	36,140	43,061	FICA = wages X 7.65%
ICMA 401 Plan	26,264	24,807	26,504	28,610	31,328	6% rate for participants
Unemployment Insurance	0	766	872	865	872	Maine Municipal
Clothing, Misc	2,720	2,666	4,024	2,500	2,629	Clothing, Other Misc, Training - 3yr avg
MSRS Retirement Plan	1,364	1,456	1,154	2,220	2,287	ME-PERS (Billed Monthly from AWD)
Shared Employees w/ Lewiston	3,388	2,710	3,022	3,223	3,320	LWD SCADA Tech. (Billed Monthly from AWD)
<b>TOTAL:</b>	<b>\$230,171</b>	<b>\$221,564</b>	<b>\$263,354</b>	<b>\$223,809</b>	<b>\$272,677</b>	



# AUBURN SEWERAGE DISTRICT

## 2023 Budget

	Actual 2020	Actual 2021	Budget 2022	PROJECTED 2022	BUDGET 2023	Notes
<b>MAINTENANCE OF SEWERS</b>						
Contracted Work, Materials	44,552	10,634	42,700	87,125	47,437	T Berry, Road Openings, Paving, Manholes, Maint - (3yr Avg)
Other	20,536	21,357	10,196	21,357	21,083	Dig Safe, Drug Tests, RR Crossings - (3yr Avg)
<b>TOTAL:</b>	<b>\$53,553</b>	<b>\$31,991</b>	<b>\$52,897</b>	<b>\$108,482</b>	<b>\$68,520</b>	
<b>MAINTENANCE OF LIFT STATIONS</b>						
Electricity	47,020	50,935	47,250	41,688	41,688	Power @ Lift Stations
Repairs	17,186	31,944	15,114	26,339	26,602	Power Products, Supplies, - (3yr Avg)
All Other	6,345	6,345	6,535	6,345	6,535	Landscaping, Lawn Mowing
<b>TOTAL:</b>	<b>\$74,382</b>	<b>\$89,223</b>	<b>\$68,900</b>	<b>\$74,372</b>	<b>\$74,825</b>	
<b>MAINTENANCE OF BUILDINGS</b>						
Miscellaneous	4,436	4,446	4,166	3,442	3,476	Cell Phones, Misc
Electricity	3,590	3,467	3,641	3,610	3,646	Power for garage + barn
Heat	3,733	2,400	5,877	7,869	7,948	Natural Gas for Building (Unitil)
Supplies	20,265	17,642	14,126	16,132	18,013	Towels, Rags, Janitorial Supplies, Security, Fire Extinguishers
Repairs, Maintenance	17,910	19,953	16,634	18,359	18,740	Office Cleaning, Maintenance, Trash Removal, Thayer
<b>TOTAL:</b>	<b>\$35,495</b>	<b>\$47,908</b>	<b>\$44,445</b>	<b>\$49,411</b>	<b>\$51,823</b>	
<b>OFFICE EXPENSE:</b>						
Computer Support	8,676	7,194	9,484	10,906	11,233	NDS, SCADA, Website, IT Services
Mailing Costs	2,006	1,601	2,652	2,663	2,690	Postage, postage meter rental
Electricity	1,860	1,734	1,843	1,875	1,894	Power for 268 Court Street
Supplies	3,905	3,905	4,913	2,628	3,480	Paper, toner, forms, etc.
Telephone	2,535	3,448	2,665	2,524	2,836	Office Phone Lines
Membership/Service Fees	2,265	2,526	1,998	2,869	2,554	Maine Municipal Assoc., Trustee Fees
Miscellaneous	3,684	3,524	3,468	3,250	3,486	Bank fees, Ads, Newsletters, Training
Machine Maint. Contract	1,823	1,942	1,906	1,972	2,031	Copier lease/maintenance
Answering Service	1,139	1,470	1,313	1,598	1,646	Answering service off hours
<b>TOTAL:</b>	<b>\$27,896</b>	<b>\$27,344</b>	<b>\$30,243</b>	<b>\$30,287</b>	<b>\$31,849</b>	

# AUBURN SEWERAGE DISTRICT

## 2023 Budget

	Actual 2020	Actual 2021	Budget 2022	PROJECTED 2022	BUDGET 2023	Notes
<b><u>GENERAL EXPENSE:</u></b>						
Equipment Maintenance	2,503	11,343	3,530	4,000	5,948	Power Products, Other
Other Misc	0	0	42	0	0	Misc.
<b>TOTAL:</b>	<b>\$2,503</b>	<b>\$11,343</b>	<b>\$3,572</b>	<b>\$4,000</b>	<b>\$5,948</b>	
<b><u>INSURANCE EXPENSE</u></b>						
Workman's Compensation	9,724	10,390	13,776	16,618	17,117	Includes LWD Billings
Commercial Package	31,149	31,677	33,012	32,500	33,475	Assumes 3% Increase
Auto	4,680	4,539	4,790	4,535	4,671	Assumes 3% Increase
Umbrella	4,168	2,454	3,682	4,075	4,197	Assumes 3% Increase
<b>TOTAL:</b>	<b>\$49,721</b>	<b>\$49,060</b>	<b>\$55,260</b>	<b>\$57,728</b>	<b>\$59,459</b>	
<b><u>LEGAL &amp; ACCOUNTING:</u></b>						
Accounting	6,275	5,100	1,500	0	0	The Maine Water Co
Audit	4,950	5,100	5,200	5,100	5,200	Auditor (RHR Smith)
Legal	420	2,252	3,568	2,251	1,641	Skelton, Taintor & Abbott (3 yr Avg)
<b>TOTAL:</b>	<b>\$11,645</b>	<b>\$12,452</b>	<b>\$10,268</b>	<b>\$7,351</b>	<b>\$6,841</b>	
<b><u>BILLING EXPENSE</u></b>						
Other	50,000	26,401	50,000	50,000	50,000	Meter Reads Paid to AWD
Billing Items	20,191	31,693	28,284	26,746	27,548	NDS Billing, Customer Notices
Bad Debts	0	11,307	1,058	0	3,769	Write-Off Bad Debts (3 year avg)
<b>TOTAL:</b>	<b>\$70,191</b>	<b>\$69,401</b>	<b>\$79,342</b>	<b>\$76,746</b>	<b>\$81,317</b>	

11/10/2022

	Actual 2020	Actual 2021	Budget 2022	PROJECTED 2022	BUDGET 2023
<b>Operating Expenses</b>					
Chemicals & Amendment	\$163,622	\$156,350	\$190,000	\$172,528	\$260,000
Equipment Repair & Maint.	\$305,542	\$225,571	\$260,000	\$243,940	\$295,000
Building & Grounds	\$85,282	\$110,060	\$169,000	\$142,194	\$163,000
Vehicle Expenses	\$34,809	\$22,513	\$37,000	\$28,759	\$39,000
Residuals Disposals	\$494,279	\$557,967	\$535,000	\$650,000	\$800,000
Lab & Analytical	\$78,466	\$59,758	\$75,000	\$74,000	\$75,000
Pretreatment	\$7,264	\$8,275	\$18,000	\$18,500	\$22,000
Safety	\$15,568	\$16,224	\$23,000	\$22,500	\$25,000
Electrical	\$196,414	\$205,433	\$190,000	\$180,500	\$190,000
Fuels	\$37,680	\$40,003	\$46,000	\$50,000	\$80,000
Water	\$15,122	\$11,692	\$15,500	\$11,500	\$11,500
Landfill Monitoring	\$27,786	\$30,614	\$25,000	\$26,500	\$32,500
PFAS Contingency	\$8,923	\$0	\$100,289	\$0	\$0
Other Miscellaneous Expense	\$400	\$0	\$0	\$153,850	\$0
<b>TOTAL Operating:</b>	<b>\$1,471,157</b>	<b>\$1,444,460</b>	<b>\$1,683,789</b>	<b>\$1,774,771</b>	<b>\$1,993,000</b>
<b>Administrative Expenses</b>					
Office Expense	\$14,167	\$18,909	\$12,000	\$11,500	\$13,500
Telephone & Communications	\$8,740	\$7,550	\$15,000	\$14,650	\$15,000
Insurance	\$117,501	\$87,645	\$120,000	\$102,652	\$120,000
Legal & Audit	\$21,646	\$23,272	\$17,000	\$17,000	\$16,000
Advertising	\$829	\$975	\$1,500	\$500	\$13,000
Salaries & Wages	\$1,022,667	\$978,638	\$1,055,000	\$1,055,000	\$1,055,000
Employee Benefits	\$312,552	\$339,033	\$410,000	\$405,000	\$420,000
Professional Development	\$19,502	\$13,030	\$19,000	\$18,000	\$24,000
Licensing Fees	\$20,148	\$26,989	\$28,250	\$27,761	\$30,000
<b>TOTAL Administrative</b>	<b>\$1,537,752</b>	<b>\$1,496,041</b>	<b>\$1,677,750</b>	<b>\$1,652,063</b>	<b>\$1,706,500</b>
<b>Sub-Total O&amp;M Expenses</b>	<b>\$3,008,909</b>	<b>\$2,940,501</b>	<b>\$3,361,539</b>	<b>\$3,426,834</b>	<b>\$3,699,500</b>
<b>Capital Expenses</b>					
CF Plant & Equipment	\$0	\$8,571	\$10,000	\$10,000	\$0
Replacement Reserve	\$144,783	\$107,799	\$75,000	\$82,000	\$0
Plant & Equipment	\$216,088	\$94,602	\$182,000	\$90,000	\$42,500
<b>TOTAL Capital Expenses</b>	<b>\$360,871</b>	<b>\$210,972</b>	<b>\$267,000</b>	<b>\$182,000</b>	<b>\$42,500</b>
<b>TOTAL OPERATING EXPENSES:</b>	<b>\$3,369,780</b>	<b>\$3,151,473</b>	<b>\$3,628,539</b>	<b>\$3,608,834</b>	<b>\$3,742,000</b>
<b>Debt Service Expenses</b>					
Bad Debt Expense	\$0	\$0	\$0	\$0	\$0
Interest	\$136,455	\$123,923	\$108,539	\$108,539	\$96,120
Fees	\$71,293	\$70,965	\$68,597	\$68,597	\$68,262
Bond Principal	\$1,381,176	\$1,390,167	\$1,263,405	\$1,263,405	\$1,332,117
<b>TOTAL DEBT SERVICE EXPENSES</b>	<b>\$1,588,924</b>	<b>\$1,585,055</b>	<b>\$1,440,541</b>	<b>\$1,440,541</b>	<b>\$1,496,499</b>
<b>TOTAL EXPENSES:</b>	<b>\$4,958,704</b>	<b>\$4,736,528</b>	<b>\$5,069,080</b>	<b>\$5,049,375</b>	<b>\$5,238,499</b>
<b>Revenues:</b>					
Septic Revenue	\$310,799	\$363,516	\$272,847	\$350,000	\$334,800
Industrial Revenue	\$83,165	\$67,550	\$60,000	\$60,000	\$66,500
Septic Licenses	\$59,749	\$54,534	\$41,860	\$55,750	\$60,475
Interest Revenue	\$8,429	\$5,679	\$5,000	\$4,061	\$4,500
Compost Revenue	\$28,604	\$0	\$0	\$0	\$0
Miscellaneous Revenue	\$37,576	\$30,580	\$48,094	\$45,000	\$51,400
<b>TOTAL REVENUE</b>	<b>\$528,322</b>	<b>\$521,859</b>	<b>\$427,801</b>	<b>\$514,811</b>	<b>\$517,675</b>
<b>NET BUDGET COST:</b>	<b>\$4,430,382</b>	<b>\$4,214,669</b>	<b>\$4,641,279</b>	<b>\$4,534,564</b>	<b>\$4,720,824</b>
ASD @ (Budget 40%)	<b>\$1,714,806</b>	<b>\$1,628,521</b>	<b>\$1,856,512</b>	<b>\$1,813,826</b>	<b>\$1,888,330</b>
ASD Pre-Treatment Fee	<b>\$54,492</b>	<b>\$42,500</b>	<b>\$54,492</b>	<b>\$42,500</b>	<b>\$42,500</b>
<b>Total to O&amp;M</b>	<b>\$1,768,850</b>	<b>\$1,670,573</b>	<b>\$1,911,004</b>	<b>\$1,855,878</b>	<b>\$1,930,830</b>

## AUBURN SEWERAGE DISTRICT

## 2023 Budget

BONDS & NOTES	Actual	Actual	BUDGET	Projected	BUDGET	Projected	Projected	Projected	Projected
	2020	2021	2022	2022	2023	2024	2025	2026	2026
Principal	\$435,106	\$440,643	\$446,756	\$355,634	\$558,962	\$516,494	\$443,065	\$444,658	
Interest	\$66,163	\$61,886	\$54,168	\$114,542	\$184,113	\$174,876	\$163,024	\$154,688	
TOTAL:	\$501,269	\$502,530	\$500,924	\$470,176	\$743,075	\$691,370	\$606,089	\$599,346	

## CURRENT BONDED INDEBTEDNESS:

Issue Date	Balance	Principal	Interest	Term	Interest	Notes
2003	\$45,491	\$45,491	\$2,149	20 years	2.25%	Capital Improvements
2004	\$148,522	\$73,523	\$4,879	20 years	1.50%	Capital Improvements
2007	\$393,243	\$76,141	\$9,849	20 years	1.62%	CSO Work per 06 & 07 Master Plans
2009	\$223,845	\$31,022	\$3,760	20 years	1.01%	CSO & Main Lining - Various Streets
2009	\$538,105	\$82,785	\$4,139	20 years	0.00%	Perryville CSO Work (City 50%)
2017	\$750,000	\$50,000	\$24,232	20 years	3.54%	Main Replacements, CSO, Various Other
2022	\$4,000,000	\$200,000	\$136,660	20 years	3.54%	Up Front Payment of Storm Surge Tanks
<b>TOTAL CURRENT BONDS:</b>	<b>\$6,099,205</b>	<b>\$558,962</b>	<b>\$185,668</b>			
	(\$2,070) < Less: City of Auburn Reimbursement					
	\$515 < Add: Interest on Excavator Capital purchase					
	<b>\$184,113 &lt; Net Interest Expense</b>					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R			
1	AUBURN SEWERAGE DISTRICT - LONG TERM DEBT PAYMENT SCHEDULE																				
2																					
3	2003 (c)			2004			2007			2009-ARRA			2017			2022			TOTAL		
4	Year	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Principal	Interest	Yearly Totals			
5	2003															0.00	0.00	0.00			
6	2004	34,846.64	14,805.40													34,846.64	14,805.40	49,652.04			
7	2005	35,250.36	14,136.38	51,404.93	18,573.62											86,655.29	32,710.00	119,365.29			
8	2006	35,672.86	13,713.89	52,437.14	20,443.48											88,110.00	34,157.37	122,267.37			
9	2007	36,115.02	13,271.72	53,490.08	19,666.24											89,605.10	32,937.96	122,543.06			
10	2008	36,577.75	12,808.97	54,564.16	18,873.40	59,832.00	34,491.60									150,973.91	66,173.97	217,147.88			
11	2009	37,062.02	12,324.73	55,659.81	18,064.65	60,801.00	24,421.09			41,392.68	19,657.13					194,915.51	74,467.60	269,383.11			
12	2010	37,568.82	11,817.93	56,777.46	17,239.64	61,786.00	24,325.87	27,223.00	9,544.46	82,785.36	39,314.26					266,140.64	102,242.16	368,382.80			
13	2011	38,099.20	11,287.55	57,917.41	16,398.07	62,787.00	23,316.43	27,497.00	8,766.22	82,785.36	21,726.76					269,085.97	81,495.03	350,581.00			
14	2012	40,851.16	10,085.33	59,080.67	15,539.60	63,805.00	22,290.68	27,776.00	7,024.23	82,785.36	4,139.26					274,298.19	59,079.10	333,377.29			
15	2013	39,235.15	9,083.68	60,266.87	14,663.92	64,837.00	21,248.17	28,056.00	6,742.18	82,785.36	4,139.26					275,180.38	55,877.21	331,057.59			
16	2014	39,843.06	8,215.51	61,477.03	13,770.63	65,889.00	20,188.95	28,339.00	6,457.30	82,785.36	4,139.26					278,333.45	52,771.65	331,105.10			
17	2015	40,479.26	7,580.90	62,711.49	12,859.40	66,955.00	19,112.41	28,625.00	6,169.54	82,785.36	4,139.26					281,556.11	49,861.51	331,417.62			
18	2016	41,145.07	6,896.03	63,970.73	11,929.87	68,041.00	18,018.56	28,915.00	5,878.94	82,785.36	4,139.26					284,857.16	46,862.66	331,719.82			
19	2017	41,841.85	6,199.22	65,255.27	10,981.69	69,142.00	16,906.87	29,206.00	5,585.30	82,785.36	4,139.26	0.00				288,230.48	56,046.21	344,276.69			
20	2018	42,571.06	5,340.83	66,565.59	10,014.47	70,263.00	15,777.28	29,502.00	5,288.79	82,785.36	4,139.26	50,000.00				341,687.01	68,792.63	410,479.64			
21	2019	43,334.19	4,551.06	67,902.23	9,027.82	71,401.00	14,629.34	29,800.00	4,989.24	82,785.36	4,139.26	50,000.00				345,222.78	64,938.72	410,161.50			
22	2020	44,132.83	3,620.26	69,265.71	8,021.36	72,557.00	13,462.77	30,100.00	4,686.63	82,785.36	4,139.26	50,000.00				348,840.90	60,822.28	409,663.18			
23	2021	44,748.56	3,044.10	70,656.56	6,994.68	73,733.00	12,277.38	30,405.00	4,381.02	82,785.36	4,139.26	50,000.00				352,328.48	56,933.44	409,261.92			
24	2022	45,134.29	2,606.76	72,075.36	5,947.39	74,928.00	11,072.75	30,711.00	4,072.26	82,785.36	4,139.26	50,000.00				355,634.00	114,542.42	470,176.42			
25	2023	45,490.85	2,149.06	73,522.62	4,879.09	76,141.00	9,848.56	31,022.00	3,760.47	82,785.36	4,139.26	50,000.00				558,961.83	185,668.44	744,630.27			
26	2024				3,789.32	77,375.00	8,604.60	31,335.00	3,445.47	82,785.36	4,139.26	50,000.00				516,494.25	174,875.65	691,369.90			
27	2025					78,628.00	7,340.44	31,652.00	3,127.34	82,785.36	4,139.26	50,000.00				200,000.00	131,720.00	326,720.00			
28	2026					79,902.00	6,055.84	31,971.00	2,805.93	82,785.36	4,139.26	50,000.00				200,000.00	120,880.00	320,880.00			
29	2027					81,197.00	4,750.43	32,296.00	2,481.37	82,785.36	4,139.26	50,000.00				200,000.00	115,320.00	315,320.00			
30	2028							32,620.00	2,153.41	82,785.36	4,139.26	50,000.00				200,000.00	109,620.00	309,620.00			
31	2029							32,950.00	1,822.22	41,392.48	4,139.26	50,000.00				200,000.00	103,700.00	303,700.00			
32	2030											50,000.00				250,000.00	97,560.00	347,560.00			
33	2031											50,000.00				250,000.00	91,280.00	341,280.00			
34	2032											50,000.00				250,000.00	84,860.00	334,860.00			
35	2033											50,000.00				250,000.00	78,340.00	328,340.00			
36	2034											50,000.00				250,000.00	71,408.00	321,408.00			
37	2035											50,000.00				250,000.00	64,196.00	314,196.00			
38	2036											50,000.00				250,000.00	56,710.00	306,710.00			
39	2037											50,000.00				200,000.00	49,002.00	249,002.00			
40	2038											50,000.00				200,000.00	41,220.00	241,220.00			
41	2039											50,000.00				200,000.00	33,188.00	233,188.00			
42	2040											50,000.00				200,000.00	25,026.00	225,026.00			
43	2041											50,000.00				200,000.00	16,806.00	216,806.00			
44	2042											50,000.00				200,000.00	8,450.00	208,450.00			
45	TOTAL	800,000.00	173,539.31	1,250,000.00	257,678.34	1,400,000.00	328,140.02	600,000.00	99,182.32	1,655,707.00	155,204.83	1,000,000.00	359,730.87	4,000,000.00	1,623,823.00	10,705,707.00	2,997,298.69	13,703,005.69			



# Payroll Summary

AUBURN WATER DISTRICT			
	2022	2022	2023
	<u>Budget</u>	<u>Projected</u>	<u>PROPOSED</u>
Base Salaries & Wages	929,892	1,086,920	1,126,081
Overtime (based on historical)	49,210	65,162	71,411
Stand-By Duty Pay	31,507	47,232	51,762
Temporary/Summer Help	11,588	5,267	5,267
Potential Discretionary Step Increases in Pay Plan	8,219	0	7,780
Reimbursement from LWD for Watershed Mgr	(38,063)	(37,752)	(39,759)
Reimbursement from LWD for SCADA Tech	(27,958)	(35,449)	(41,371)
Reimbursement from LWD for UV Plant Mgr	(46,125)	(41,653)	(49,785)
Payment to LWD for SCADA Tech	10,200	17,020	23,310
COLA	56,244	0	0
Retainer Bonus	54,400	0	34,000
Potential Retirement Pay-out	0	0	20,838
TOTAL:	\$1,039,114	\$1,106,746	\$1,209,534
AUBURN SEWERAGE DISTRICT			
	2022	2022	2023
	<u>Budget</u>	<u>Projected</u>	<u>PROPOSED</u>
Base Salaries & Wages	445,945	442,479	518,120
Overtime (based on historical)	7,097	11,116	12,182
Stand-By Duty Pay	9,200	7,730	8,472
Temporary/Summer Help	3,909	140	140
Potential Discretionary Step Increases in Pay Plan	3,079	0	3,141
Payment to LWD for SCADA Tech	10,200	17,020	23,310
COLA	26,567	0	0
Retainer Bonus	25,600	0	16,000
Potential Retirement Pay-out	0	0	20,838
TOTAL:	\$531,597	\$478,485	\$602,202
Combined Water & Sewer =		\$1,570,711	\$1,585,232
			\$1,811,736

Allocation of Gross Labor:

Water	\$1,209,534
To Projects	(100,000)
To Jobbing	(25,000)
To Vehicles	(30,000)
To Watershed	(15,000)
Net to Payroll	\$1,039,534

Allocation of Gross Labor:

Sewer	\$602,202
To Projects	(75,000)
To Jobbing	(1,000)
Net to Payroll	\$526,202

33.24%

# Health Insurance Summary

## CURRENT (2021) Health Insurance Cost

PLAN = PPO-2000

Employee	District	Plan	Monthly Total Premium	Monthly Employee Cost	Monthly District Cost	Monthly Life District Cost
1	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$18.00
2	AWD	EE	\$748.15	\$112.22	\$635.93	\$17.00
3	AWD	Family	\$2,304.84	\$345.73	\$1,959.11	\$21.00
4	AWD	EE	\$748.15	\$112.22	\$635.93	\$16.00
5	AWD	Emp & Sp.	\$1,489.44	\$223.42	\$1,266.02	\$21.00
6	AWD	Opted Out	\$0.00	\$0.00	\$0.00	\$14.00
7	AWD	Family	\$2,304.84	\$345.73	\$1,959.11	\$34.00
8	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$32.00
9	AWD	Emp & Sp.	\$1,489.44	\$223.42	\$1,266.02	\$20.00
10	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$25.00
11	AWD	EE	\$748.15	\$112.22	\$635.93	\$21.00
12	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$34.00
13	AWD	Family	\$2,304.84	\$345.73	\$1,959.11	\$25.00
14	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$17.00
15	AWD	Family	\$2,304.84	\$345.73	\$1,959.11	\$20.00
16	AWD	Emp & Child	\$1,378.23	\$206.73	\$1,171.50	\$15.00
17	AWD	EE	\$748.15	\$112.22	\$635.93	\$16.00
18	ASD	Emp & Sp.	\$1,489.44	\$223.42	\$1,266.02	\$12.00
19	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$21.00
20	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$16.00
21	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$35.00
22	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$20.00
23	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$18.00
24	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$18.00
25	ASD	Family	\$2,304.84	\$345.73	\$1,959.11	\$18.00
MONTHLY EXPENSE:			\$37,970.16	\$5,993.41	\$31,976.75	
ANNUAL EXPENSE:			\$455,641.92	\$71,920.94	\$383,720.98	
			ASD Annual share:	37.6%	\$144,426.73	
			AWD Annual Share:	62.4%	\$239,294.24	
			TOTAL:		\$383,720.98	

ASD share:	38.1%	\$149,849.39
AWD Share:	61.9%	\$243,871.59
TOTAL:		\$393,720.98

### Set Up HRA Account

6 Single (EE)	\$5,000.00	\$30,000.00
10 Emp/Sp/Child	\$10,000.00	\$100,000.00
9 Family	\$10,000.00	\$90,000.00
HRA Fees - AWD	\$1,364.00	\$1,364.00
HRA Fees - ASD	\$836.00	\$836.00
Total =		\$222,200.00

Worst Case - 100% Utilization	\$222,200.00
	\$393,720.98
	\$615,735.63

ASD Cost:	38.1%	\$234,458.08
AWD Cost:	61.9%	\$381,277.55
TOTAL PLAN COST:		\$615,735.63

Estimates based on 37% HRA Utilization	
ASD Share:	\$30,995.26
AWD Share:	\$50,404.74
	<u>\$81,400.00</u>

2020 PPO 2000 Plan - Actual	
ASD Annual share:	\$196,982.00
AWD Annual Share:	\$329,598.00
TOTAL:	\$526,580.00
2021 Balance Funded Plan - Actual	
ASD Annual share:	\$178,898.78
AWD Annual Share:	\$312,213.10
TOTAL:	\$491,111.88
2022 Balance Funded Plan - Forecast	
ASD Annual share:	\$171,061.87
AWD Annual Share:	\$318,493.09
TOTAL:	\$489,554.96
2023 Balance Funded - Budget	
ASD Annual share:	\$214,798.54
AWD Annual Share:	\$346,183.38
TOTAL:	\$560,981.92

ASD Annual share:	38.1%	\$181,680.65
AWD Annual Share:	61.9%	\$295,454.98
TOTAL:		\$477,135.63

Recommendation  
for 2023

11/10/2022

**AUBURN WATER DISTRICT  
AUBURN SEWERAGE DISTRICT**  
2023 Budget

	Actual 2020	Actual 2021	BUDGET 2022	Projected 2022	BUDGET 2023	Notes
<b>VEHICLES: WATER</b>						
Unit # 23, 2004 GMC 8 cy Dump Truck	3,774	3,774	2,841	4,600	4,646	Gas & Maintenance
Unit # 30, 2008 JD Backhoe-TRADED 2021	761	0	2,607	0	0	Gas & Maintenance
Unit # 32, 2011 Ford F-350 P/U	5,026	10,100	9,980	11,033	11,144	Gas & Maintenance
Unit # 33, 2012 Ford Service Truck	1,009	1,820	1,627	1,167	1,332	Gas & Maintenance
Unit # 34, 2004 Dump-TRADED 2022	4,794	11,892	9,741	0	0	Gas & Maintenance
Unit # 36, 2013 Ford 150 P/U	1,741	1,158	1,288	1,256	1,385	Gas & Maintenance
Unit # 38, 2015 Ford 250 P/U	6,474	3,889	5,101	4,811	5,058	Gas & Maintenance
Unit # 39, 2015 Ford 250 P/U	4,278	4,512	4,788	6,996	7,066	Gas & Maintenance
2013 JCB 409B Mini-Loader	3,120	15,625	3,252	2,124	6,956	Gas & Maintenance
Unit # 41, 2016 Chevy Silverado Service	4,179	5,335	6,243	7,781	7,859	Gas & Maintenance
Unit # 42, 2006 Volvo Dump Truck	4,978	20,782	13,176	22,892	23,121	Gas & Maintenance
Unit # 44, 2017 Volvo Excavator	3,463	5,239	3,800	2,497	3,733	Gas & Maintenance
Unit # 45, 2019 Chevy Silverado	2,866	3,743	3,800	4,367	4,410	Gas & Maintenance
Unit # 46, 2019 Ford F150	132	81	3,800	1,367	1,380	Gas & Maintenance
Unit # 47, 2019 Ford F250	2,945	3,496	3,800	3,867	3,905	Gas & Maintenance
Unit # 48, 2020 Chevy Colorado	225	3,518	3,800	3,867	3,905	Gas & Maintenance
Unit # 49, 2020 Cat Backhoe	761	390	2,607	1,424	1,438	Gas & Maintenance
Unit # 50, 2022 Volvo Dump Truck	0	0	0	5,333	5,387	Gas & Maintenance
All Other Miscellaneous Transportation	-1,591	-1,687	-2,060	-4,903	-4,900	Trailers, Tools, Tax Refunds
Labor on Vehicles & Equipment	36,930	22,930	30,206	26,469	30,000	In-House Work on Equip
<b>TOTAL:</b>	<b>\$85,866</b>	<b>\$116,597</b>	<b>\$110,396</b>	<b>\$106,947</b>	<b>\$117,826</b>	

	Actual 2020	Actual 2021	BUDGET 2022	Projected 2022	BUDGET 2023	Notes
<b>VEHICLES: SEWER</b>						
Unit #35, 2013 Vacuum Truck	14,233	10,611	13,064	17,100	17,271	Gas & Maintenance
Unit #37, 2015 GMC Sierra	2,748	5,400	3,797	4,716	4,763	Gas & Maintenance
Unit #40, Ford F350 P/U	2,678	5,250	4,774	6,726	6,794	Gas & Maintenance
All Other Vehicle Related	96	50	69	43	63	Durand Flusher/Other
<b>TOTAL:</b>	<b>\$19,754</b>	<b>\$21,311</b>	<b>\$21,705</b>	<b>\$28,585</b>	<b>\$28,890</b>	



**AUBURN WATER DISTRICT  
AUBURN SEWERAGE DISTRICT  
2023 Equipment Budget**

<b>Equipment Budget</b>	<b>BUDGET COST</b>	<b>AWD SHARE</b>	<b>ASD SHARE</b>	<b>Notes</b>
<b><u>Vehicles, Equipment</u></b>				
2017 Volvo Excavator	\$31,960	\$15,980	\$15,980	Payment 5 of 5
Truck 31 - Large Dump	\$25,000	\$12,500	\$12,500	Payment 2 of 7
Battery Replacement UPS Unit UV Plant	\$45,020	\$22,510		1/2 LWD
Sampling Probes	\$18,350	\$9,175		1/2 LWD-Handheld Sond, Perimeter Sampling Probe
Chlorine Analyzer-Chloramines	\$11,668	\$5,834		1/2 LWD-CL17sc and Controller
Freeze Machine	\$4,000	\$4,000		Replace existing
GPS Unit	\$10,000	\$5,000	\$5,000	
Locator	\$4,000	\$2,000	\$2,000	Additional Unit
Shop Tools	\$6,170	\$2,600	\$3,570	Hydrant Pump, Valve Setter, ASD Fiberglass Poles, Manhole Lifter
Washington St. Pump Station Design	\$40,000		\$40,000	Study to Rebuild Station
PLC Upgrade	\$3,000	\$1,500	\$1,500	Upgrades to SCADA
	<b>\$199,168</b>	<b>\$81,099</b>	<b>\$80,550</b>	
<b><u>Office &amp; Administrative</u></b>				
4 Computers	\$5,000	\$2,500	\$2,500	Upgrade 4 Computers
Ergonomic Office Furniture	\$6,000	\$3,000	\$3,000	Sit-Stand Station
Work Order System	\$37,500	\$18,750	\$18,750	Module of Billing Software
UV Plant Building Improvements	\$8,500	\$4,250		1/2 LWD-Masonry Work
Equipment Garage Design	\$12,000	\$6,000	\$6,000	
	<b>\$69,000</b>	<b>\$34,500</b>	<b>\$24,250</b>	
	<b>\$268,168</b>	<b>\$115,599</b>	<b>\$104,800</b>	

# AUBURN WATER DISTRICT AUBURN SEWERAGE DISTRICT

## Capital Projects Summary

### 2023 Project Capital Improvement Projects (not budgeted in regular O&M)

#### Water District Projects

	<u>Main Replacement FT</u>	<u>BUDGET COST</u>	<u>Notes</u>
Hotel Rd. - Minot to Merrow	5300	\$212,000	Eliminating - MDOT Project
East Side of Taylor Pond - Est Shore-Waterview	2500	\$75,000	4" Main Replacement
Second St. - Broad-Dunn	720	\$93,600	8" Main Replacement - City Project
Parker St. - Summer-Turner	500	\$65,000	6" to 8" Upsize Main Replacement - City Project
Second St. - Brook-Dead End	286	\$37,180	2.25" to 2" Downsize Main Replacement - City Project
Blake St. - Summer-Turner	250	\$32,500	8" Main Replacement - City Project
Frenchs Ln. - Turner-Whitney	250	\$32,500	8" Main Replacement - City Project
Rowe St. - Winter-Summer	250	\$32,500	8" Main Replacement - City Project
Hardscabble Check Valves	250	\$50,000	Replacement
Poland Booster Chlorine Analyzer		\$15,000	Install CL17 System
Hardscabble Booster Chlorine Analyzer		\$15,000	Install CL17 System

MILEAGE TOTAL: 1.90

WATER TOTALS: \$660,280

IH = In-house labor

#### Sewer District Projects

	<u>Main Replacement FT</u>	<u>BUDGET COST</u>	<u>Notes</u>
Davis Ave. - Lake-Dead End	1155	\$51,975	Line
Second St. - Roak-Brook	1000	\$45,000	Line
Hampton Ave. - Russell-Goodrich	570	\$25,650	Line
High St. - Academy-Elm	240	\$10,800	Line
TBD	3000	\$135,000	Line
Shepley St.	650	\$130,000	24" to 15" Downsize Main Replacement
Martindale Rd.	100	\$13,000	Eliminate Sag
Replace Generator Cables		\$25,000	Portable Generator Hookups at PS's

MILEAGE TOTAL: 1.27

SEWER TOTALS: \$436,425