Office of

AUBURN WATER DISTRICT

Office Telephone # 784-6469

The regular monthly meeting of the Trustees of the Auburn Water District will be held at the office of the Auburn Water District, 268 Court Street, on Wednesday, March 22, 2023 at 4:00 P.M.

Regular Meeting Agenda

- 1. Approve Minutes of Regular Meeting of February 22, 2023.
- 2. Executive Session in accordance with 1 M.S.R.A. § 405 (6) (E)to discuss legal matter.
- 3. Financial Report Update Tanya Dunn.
- 4. Ratify Payment of Bills
- 5. Public Comment
- 6. Activity Report/Project Update Mike Broadbent
- 7. Old Business
 - Sustainable Water Supply Alternatives
 - Stable Ridge Development
 - Superintendent eligibility to serve as Clerk of LAWPC
- 8. New Business
 - Water Quality Update
 - Commission Correspondence
 - DWP Correspondence
- 9. Trustee Open Session
- 10. Election of Officers.
- 11. Executive Session in accordance with 1 M.S.R.A. § 405 (6) (A)to discuss a personnel matter.
- 12. Adjourn Regular Meeting

Upcoming: Water Trustee Meeting, April 19, 2023 4:00PM

Auburn Water & Sewerage Districts

Memo

To: Water & Sewerage District Trustees

From: Michael Broadbent, Superintendent

CC: Files

Date: 3/16/2023

Re: Discussion of March Agenda Items

Water Trustees

Financial Report Highlights

Water sales were down compared to February last year. The \$60k variance in expenses is expected to level out over the next few months. The annual PUC Report is underway and that will be completed by the end of the month. February ended with \$3.5 million cash on hand.

Project Update

Crews have continued to work on clearing cross-country water and sewer mains. We are conducting our annual safety training in-house and making sure all staff is trained on operational tasks.

Construction project planning is developing. There are four big projects that could impact us all at the same time. We are working to ensure that we have staffing, materials and sub-contractors in place to handle all of the work as it occurs. We've consulted with Enterprise Electric to do boring work on Hotel Rd., Amos Development to provide construction assistance and we are closely monitoring project bids to ensure we establish working relationships with the chosen contractors.

Sustainable Water Supply Alternatives

The Sub Committee had a meeting at the end of February, Weston and Sampson gave a presentation on the 2015 ground water search that was conducted. There could be a couple of action items that develop from this presentation; a ground water search of our entire distribution system and further development of the test well that was installed in 2015.

Stable Ridge Development

There are conditional approval items that still need to be addressed by the owner of Stable Ridge Apartments. Attached is a letter from our legal counsel to the owner's representative regarding those items.

Superintendent Eligibility to Serve as Clerk to LAWPC

At the last Water Trustee meeting, the Board requested the opportunity to review the job description of Commission Clerk. Attached in the Agenda packet is a draft description that will be considered by the Commission. Lewiston has agreed to provide equal representation to the Commission in the form of a Co-Clerk.

Water Quality Update

The turbidity (clarity) of the lake has normalized and the Lake remains covered in ice. Water temperatures are starting to rise and we expect there to be an early ice out. Staff has been working with Dr. Ken Wagner to conduct a study of the Lake Auburn tributaries and to develop a treatment plan. The Commission has a Special Meeting set for March 29th to review and consider the proposal. The Proposal is included in the Trustee packet. If there is a recommendation for treatment that includes facilities and operations an Interlocal Agreement will be developed between the City of Lewiston and the Auburn Water District to consider.

Commission Correspondence

Commission Chair, Camille Parrish has sent a letter of recommendations to the Auburn Water District. The letter is attached for reference.

Maine Drinking Water Program Correspondence

The District received two letters from the Maine Drinking Water program in the last few weeks, both letters are attached. The first letter is in response to the DWP's review of the suggested watershed boundary change. The second letter is a report of the annual watershed control program and disinfection practices.

Sewer Trustees

Financial Report Highlights

Overall revenues are on budget. There is a \$13k variance in expenses. Cash was at \$1.6 million at the end of February. First round of bond payments begin in March.

Project Update

The District continued to work on clearing cross-country sewer mains. We're placing orders for replacement sewer manhole frames and covers as there will be a large number of paving projects this summer.

The District distributed a bid to re-line 9158' of sewer mains. The bid opening is March 21st so results will be distributed at the meeting.

Action Item

Take action on the sewer re-line bid

Annual CSO Report

The Auburn Sewer District's annual CSO report was due at the end of February. The report was completed and filed on-time. DEP will compile all reports Statewide and produce a report that will be sent to all Trustees.

Mall Area Sewer Improvements, Funding

I received a call from Mike Gotto of Stoney Brook Consultants who he is working with City staff and a developer on a large project in Auburn. This project will be sited off Gracelawn Rd. and Mt. Auburn Avenue and will exceed the existing capacity of the sewer system. There was a request for the District to apply for Grants that are available through ear mark funding. The deadline to apply for this Grant was March 15 and the Sewer District would have to commit to funding at the time of the application. The Sewer District needs to determine what its responsibility is in regards to the upgrade of this system.

Pump Station Policy

With future growth on the horizon, the Sewer District needs to consider adopting a policy on Sewer Pump Stations. I feel this policy should be incorporated into the District's Sewer Use Rules and Regulations. The Draft Policy is attached.

Both Boards

Election of Officers

March is the month for election of officers. The current slate of officers is as follows:

Water District **Sewer District** President Steve Milks Steve Ness Andy Titus Charlie Sheehan Treasurer Superintendent Michael Broadbent Michael Broadbent Clerk Tanya Dunn Tanya Dunn HRH Smith Auditor HRH Smith

Personnel Discussion

Both Boards are asked to discuss a personnel matter in executive session.

February 22, 2023

The regular monthly meeting of the Trustees of the Auburn Water District was held at 268 Court Street, Auburn, Maine on Wednesday, February 22, 2023 at 4:00 p.m.

Members present: Kevin Arel, Dan Bilodeau, Robert Cavanagh, Eric Gould, Stephen Milks, President and Mayor's Representative and Andrew Titus, Treasurer. Also present: Michael Broadbent, Superintendent and Tanya Dunn, Finance Manager.

Members absent: Jason Pawlina

APPROVE MINUTES OF REGULAR MEETING of January 18, 2023

On a motion of Andrew Titus, seconded by Kevin Arel, it was unanimously voted: **To accept the minutes of the Regular Meeting.**

EXECUTIVE SESSION IN ACCORDANCE with 1 M.S.R.A. § 405 (6) (E) to DISCUSS A LEGAL MATTER On a motion of Andrew Titus, seconded by Kevin Arel, it was unanimously voted: To move into executive session. The meeting came out of executive session and called to order at 4:32 p.m.

FINANCIAL REPORT UPDATE

Water sales are on budget for January. The \$40,000 variance in expenses is due to timing of a chemical delivery and health care bills. The audit is complete and now starting on annual PUC reports. January ended with \$3.6 million cash on hand.

RATIFY PAYMENT OF BILLS

On a motion of Robert Cavanagh, seconded by Eric Gould, it was unanimously voted: To ratify payment of bills in the amount of \$300,696.07 as shown on the printout dated January 1, 2023 – January 31, 2023.

PUBLIC COMMENT

As no one from the public was in attendance, the Open Session was closed.

ACTIVITY REPORT / PROJECT UPDATE

There were a number of main breaks in January. All breaks were on cast iron pipe, one being lined with cement.

On motion of Dan Bilodeau, seconded by Andrew Titus, it was unanimously voted: **To approve the amount of \$45,000 for main replacement on Dunn Street.**

On motion of Dan Bilodeau, seconded by Andrew Titus, it was unanimously voted: **To approve the capital budgeted amount of \$15,000 to install a chlorine analyzer at Hardscrabble Reservoir.**

OLD BUSINESS

District Engineer Search

The search for a District Engineer is ongoing. The search parameters have been changed for the online posting, hoping to increase the number of hits.

Sustainable Water Supply Alternative

Weston and Sampson is scheduled to present the findings of the study conducted in 2015 on viable ground water sources. The next meeting is scheduled for February 28, 2023 at 3:00 p.m..

February 22, 2023

Stable Ridge Development

The agreement to take over the pump station included a list of items that must be addressed by the Developer. Some items were to be fixed within 7 days and the remaining items within 30 days. Some items have not been fixed as stated in the memo to the Developer. District staff will complete the unfinished items and bill the Developer.

The District will research the ability to implement alternative rates for pump stations serving new development.

Superintendent Broadbent sent a memo to City Manager Crowell regarding the breakdown in flow of information in the permitting process of the Stable Ridge Development and how to improve the process for future developments. A meeting has been scheduled to discuss the issue.

NEW BUSINESS

Water Quality Update

Water quality is low for this time of year. The lack of ice, high rain fall and snow melt have all been contributors. Dr. Ken Wagner, the water quality expert, has recommended an alum dosing station on Townsend Brook to help reduce the incoming phosphorus.

Superintendent Eligibility to Serve as Clerk of LAWPC

There was Board consensus to review the job description of the Clerk at the next meeting.

Phosphorus Overview

Superintendent Broadbent gave a phosphorus presentation of data collected by Tighe and Bond on Blanchard Pond. The presentation is available to share.

New Auburn Infrastructure Expansion Studies

The City of Auburn is funding a study to extend water service in the New Auburn area. The District does require all new expansions to be looped to the current system for water quality. The final report will be sent out when it is complete.

833 Summer Street, Farm Proposal

A farm proposal was submitted to the Auburn Planning Board for 833 Summer Street which is in the Lake Auburn Watershed, abutting the closed portion of the Lake. The proposal was denied. The property owners have been researching alternatives to the original plan.

TRUSTEE OPEN SESSION

Andrew Titus mentioned that the Auburn City Council passed an ordinance requiring all building permits submitted by governmental tax-exempt entities to conduct a needs analysis study and must pass by majority vote of the City Council. Superintendent Broadbent was asked to review the ordinance to understand how it will impact the District.

EXECUTIVE SESSION IN ACCORDANCE with 1 M.S.R.A. § 405 (6) (C) to DISCUSS A PROPERTY MATTER On a motion of Andrew Titus, seconded by Eric Gould, it was unanimously voted: To move into executive session. The meeting came out of executive session and called to order at 5:49 p.m.

On a motion of Kevin Arel, seconded by Andrew Titus, it was unanimously voted: **To adjourn.** Meeting adjourned at 5:49 p.m.

Respectfully submitted, Tanya Dunn

AUBURN WATER DISTRICT OPERATING STATEMENT -TRUSTEES' REPORT TWO MONTHS ENDED FEBRUARY 28, 2023

	FEBRUARY	2023	Y-T-]	D FEBRUA	RY 2023
	YTD - 2022	BUDGET	ACTUAL	BUDGET	VARIANCE
REVENUES:					
Water Sales	\$466,164	\$2,951,442	\$456,767	\$467,964	(\$11,197)
Rent income	12,473	80,424	12,645	13,404	(759)
Interest Income	1,363	11,554	5,134	1,926	3,208
Mdse. & Jobbing - NET	2,650	55,812	4,320	9,302	(4,982)
Hydrant Rental	136,297	817,781	136,297	136,297	0
Private Fire Prot.	73,810	444,027	75,666	74,005	1,661
Misc. Op. Revenue	9,749	96,852	9,733	16,142	(6,409)
TOTAL REVENUES	702,506	4,457,892	700,562	719,039	(18,478)
			15.72%	16.67%	< Standard
EXPENSES:					
Payroll	173,426	1,039,534	201,398	195,573	5,824
Treatment:					
UV Treatment Plant	63,479	431,059	93,512	71,843	21,669
Chloramine Facility	1,817	17,704	5,876	2,951	2,925
Laboratory	105	42,756	1,797	7,126	(5,329)
Trans & Dist Maint:					
Maint of Mains	16,344	100,000	14,436	16,667	(2,231)
Dist System	21,140	118,045	21,123	19,674	1,449
Other	1,596	22,983	2,453	3,831	(1,377)
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Administration:	01.025	422.071	04.506	72 170	12 410
Employee Benefits	81,925	433,071	84,596	72,179	12,418
Legal & Accounting		70,000	13,441	11,667	1,774
Customer Billing	8,083	27,016	8,791	4,503	4,288
Insurances	14,419	63,127	15,313	10,521	4,792
Other	11,987	64,534	15,553	10,756	4,797
Vehicles	26,402	117,826	25,995	19,638	6,357
Gull Management	12,458	63,320	14,417	10,553	3,863
Lake Auburn Watershed	12,663	85,000	12,009	14,167	(2,158)
SUB-TOTAL	454,667	2,695,975	530,709	471,647	59,063
			19.69%	16.67%	< Standard
Interest	16,574	151,680	34,715	25,280	9,435
TOTAL EXPENSES	471,241	2,847,655	565,424	496,927	68,497
Bonds - Principal Payments	0	753,709	0	125,618	(125,618)
SURPLUS FROM OPERATIONS	231,265	856,528	135,138	96,494	38,643

AUBURN WATER DISTRICT BALANCE SHEET PERIOD ENDING - FEBRUARY 28, 2023

	2/28/2023	12/31/2022		2/28/2023	12/31/2022
Property, Plant and Equipment:			Capitalization:		
Plant in Service	40,856,144.45	40,875,998.39	Retained Earnings	18,196,855.04	17,014,159.18
Less: Accumulated Depreciation	(15,229,269.45)	(15,115,766.81)	Current Year Earnings	89,586.10	1,181,631.65
	25,626,875.00	25,760,231.58		18,286,441.14	18,195,790.83
Construction Work in Progress	62,887.51	56,811.14			
			Bonds	6,082,336.35	6,082,336.35
Net Utility Plant	25,689,762.51	25,817,042.72			•
			Total Capitalization	24,368,777.49	24,278,127.18
Current Assets:			Current Liabilities:		
Cash & Working Funds	3,529,743.37	3,354,884.79	Accounts Payable	121,431.50	97,253.60
Accounts Receivable - Net	433,007.82	399,255.02	Customer Deposits	15,000.00	14,595.00
Prepayments	34,316.13	25,357.99	Accrued Interest	57,824.80	27,835.18
Inventory	178,460.20	140,802.26	Miscellaneous Liabilities	109,244.08	110,024.96
Total Current Assets	4,175,527.52	3,920,300.06	Total Current Liabilities	303,500.38	249,708.74
Investment CD	1,007,003.35	1,005,268.91			
			Equipment Leases	115,830.40	135,170.98
Deferred Debits:	47 820 E0	10 446 E0	Continuition of the A.S.	6 102 006 70	8 000 051 38
2014 Intake Cleaning	60.020,71	9,440.09	Contributions in Aid	0,102,003.70	0,038,031.30
Total Assets	30,890,113.97	30,762,058.28	Total Equity Capital and Liabilities 30,890,113.97	lities 30,890,113.97	30,762,058.28

AUBURN WATER - FINANCIAL INFORMATION

	Water Revenue - Metered Sales - Versus Prior Year	iles - Versus Pric	or Year			
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Month	2023	2022	MTD Change	%	YTD Change	%
January	\$249,935.41	\$246,193.91	\$3,741.50	1.52%	\$3,741.50	1.52%
February	\$206,831.86	\$219,969.74	(\$13,137.88)	-5.97%	(\$6,396.38)	-2.02%
March	\$0.00	\$228,351.56	(\$228,351.56)	-100.00%	(\$237,747.94)	-34.23%
April	\$0.00	\$254,742.22	(\$254,742.22)	-100.00%	(\$492,490.16)	-51.88%
May	\$0.00	\$221,958.48	(\$221,958.48)	-100.00%	(\$714,448.64)	-61.00%
June	\$0.00	\$230,378.07	(\$230,378.07)	-100.00%	(\$944,826.71)	-67.41%
July	\$0.00	\$279,993.32	(\$279,993.32)	-100.00%	(\$1,224,820.03)	-72.84%
August	\$0.00	\$251,926.21	(\$251,926.21)	-100.00%	(\$1,476,746.24)	-76.38%
September	\$0.00	\$254,854.00	(\$254,854.00)	-100.00%	(\$1,731,600.24)	-79.13%
October	\$0.00	\$292,716.30	(\$292,716.30)	-100.00%	(\$2,024,316.54)	-81.59%
November	\$0.00	\$231,257.74	(\$231,257.74)	-100.00%	(\$2,255,574.28)	-83.16%
December	\$0.00	\$227,743.09	(\$227,743.09)	-100.00%	(\$2,483,317.37)	-84.46%
	70 737 37	62 040 084 64				

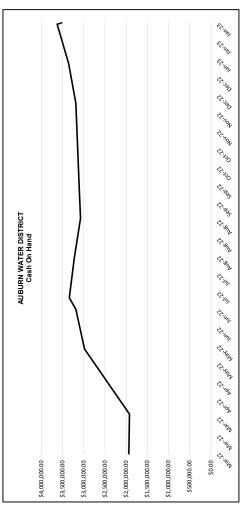
	Water Gallons Sold - Metered	i - Metered				
Month	2023	2022	MTD Change	%	YTD Change	%
January	49,477,956	48,335,012	1,142,944	2.36%	1,142,944	2.36%
February	42,917,996	47,285,568	(4,367,572)	-9.24%	(3,224,628)	-3.37%
March	0	49,240,840	(49,240,840)	-100.00%	(52,465,468)	-36.22%
April	0	50,878,960	(50,878,960)	-100.00%	(103,344,428)	-52.80%
May	0	47,765,784	(47,765,784)	-100.00%	(151,110,212)	-62.06%
June	0	50,645,584	(50,645,584)	-100.00%	(201,755,796)	-68.59%
July	0	59,091,252	(59,091,252)	-100.00%	(260,847,048)	-73.84%
August	0	56,785,168	(56,785,168)	-100.00%	(317,632,216)	-77.47%
September	0	58,112,868	(58,112,868)	-100.00%	(375,745,084)	-80.26%
October	0	62,520,084	(62,520,084)	-100.00%	(438,265,168)	-82.59%
November	0	50,088,324	(50,088,324)	-100.00%	(488,353,492)	-84.09%
December	0	49,967,148	(49,967,148)	-100.00%	(538,320,640)	-85.35%
	92,395,952	630,716,592				

Coc applicate Design	Mater Foral Capital Experimentes Versus Buager	*VTD Actual	Variono	
Capital Projects - 2023	nagnna	T I D Actual	variance	Tade %
ruck 31 - Large Dump (Payment 2 of 7)	\$12,500	\$0	(\$12,500)	
Battery Replacement UPS Unit UV Plant	\$22,510	\$0	(\$22,510)	
Sampling Probes - Handheld Sond, Perimeter Sampling Probe	\$9,175	\$0	(\$9,175)	
Chlorine Analyzer - Chloramines	\$5,834	\$0	(\$5,834)	
Freeze Machine	\$4,000	80	(\$4,000)	
GPS Unit	\$5,000	\$0	(\$2,000)	
_ocator	\$2,000	\$1,055	(\$945)	
Shop Tools	\$2,600	\$905	(\$1,695)	
PLC Upgrades	\$1,500	\$0	(\$1,500)	
4 Computers	\$2,500	\$0	(\$2,500)	
Ergonomic Office Furniture	\$3,000	\$0	(\$3,000)	
Work Order System	\$18,750	\$0	(\$18,750)	
JV Plant Building Improvements	\$4,250	\$0	(\$4,250)	
Equipment Garage Design	\$6,000	\$1,794	(\$4,206)	
Equipment Total	\$99,619	\$3,754	(\$95,865)	
Hotel Rd Minot to Merrow	\$212,000	\$8,748	(\$203,252)	
East Side of Taylor Pond - East Shore - Waterview	\$75,000	\$182	(\$74,818)	
Second St Broad - Dunn	\$93,600	\$818	(\$92,782)	
Parker St Summer - Turner	\$65,000	\$0	(\$65,000)	
Second St Brook - Dead End	\$37,180	\$0	(\$37,180)	
Blake St Summer - Turner	\$32,500	\$0	(\$32,500)	
Frenchs Ln Turner - Whitney	\$32,500	\$0	(\$32,500)	
Rowe St Winter - Summer	\$32,500	\$0	(\$32,500)	
Hardscrabble Check Valves	\$50,000	\$0	(\$50,000)	
Poland Booster Chlorine Analyzer	\$15,000	\$0	(\$15,000)	
Hardscrabble Booster Chlorine Analyzer	\$15,000	\$0	(\$15,000)	
Projects Total (includes benefit costs on labor)	\$660,280	\$9,749	(\$650,531)	
Grand Total	\$759 899	\$13.503	(67.46.206)	

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Month	2023	BUDGET	MTD Change	%	YTD Change	%
January	\$249,935.41	\$247,144.94	\$2,790.47	1.13%	\$2,790.47	1.13%
February	\$206,831.86	\$220,819.47	(\$13,987.61)	-6.33%	(\$11,197.14)	-2.39%
March	\$0.00	\$229,233.67	(\$229,233.67)	-100.00%	(\$240,430.81)	-34.49%
April	\$0.00	\$255,726.27	(\$255,726.27)	-100.00%	(\$496,157.08)	-52.07%
May	\$0.00	\$222,815.89	(\$222,815.89)	-100.00%	(\$718,972.97)	-61.15%
June	\$0.00	\$231,268.01	(\$231,268.01)	-100.00%	(\$950,240.98)	-67.54%
July	\$0.00	\$281,074.92	(\$281,074.92)	-100.00%	(\$1,231,315.89)	-72.94%
August	\$0.00	\$252,899.38	(\$252,899.38)	-100.00%	(\$1,484,215.28)	-76.47%
September	\$0.00	\$255,838.48	(\$255,838.48)	-100.00%	(\$1,740,053.76)	-79.21%
October	\$0.00	\$293,847.04	(\$293,847.04)	-100.00%	(\$2,033,900.81)	-81.66%
November	\$0.00	\$232,151.07	(\$232,151.07)	-100.00%	(\$2,266,051.88)	-83.22%
December	\$0.00	\$228,622.85	(\$228,622.85)	-100.00%	(\$2,494,674.73)	-84.52%

Month	2023	Budget	MTD Change	%	YTD Change	%
January	\$107,467.99	\$118,468.82	(\$11,000.83)	-9.29%	(\$11,000.83)	-9.29%
February*	\$92,349.80	\$77,104.54	\$15,245.26	19.77%	\$4,244.43	2.17%
March	\$0.00	\$88,528.10	(\$88,528.10)	-100.00%	(\$84,283.67)	-29.67%
April	\$0.00	\$89,391.86	(\$89,391.86)	-100.00%	(\$173,675.52)	-46.50%
May	\$0.00	\$84,188.32	(\$84,188.32)	-100.00%	(\$257,863.84)	-56.34%
June*	\$0.00	\$74,819.09	(\$74,819.09)	-100.00%	(\$332,682.93)	-62.48%
July	\$0.00	\$92,606.93	(\$92,606.93)	-100.00%	(\$425,289.86)	-68.03%
August*	\$0.00	\$85,129.79	(\$85,129.79)	-100.00%	(\$510,419.65)	-71.87%
September	\$0.00	\$73,610.91	(\$73,610.91)	-100.00%	(\$584,030.55)	-74.51%
October	\$0.00	\$91,639.71	(\$91,639.71)	-100.00%	(\$675,670.26)	-77.18%
November*	\$0.00	\$91,377.93	(\$91,377.93)	-100.00%	(\$767,048.19)	-79.33%
December	\$0.00	\$72,668.02	(\$72,668.02)	-100.00%	(\$839,716.21)	-80.78%
	\$199,817.79	\$1,039,534.00				

	Totals	144,480.88	100.0%	165,980.73	136,289.95	148,953.68
	Other	2,728.05	1.9%	2,723.41	2,276.86	2,208.96
	Finance Chgs	1,555.68 2	1.1%	1,522.51	1,546.01	1,589.32
BLE	120 day	12,540.57	8.7%	12,390.45	12,530.36	12,699.23
AUBURN WATER DISTRICT OMER ACCOUNTS RECEIVA	90 day	9,990.90	%6:9	10,133.42	9,555.13	10,090.20
AUBURN WATER DISTRICT USTOMER ACCOUNTS RECEIVABLE	60 day	7,496.59	2.5%	5,471.09	7,080.47	5,266.03
3	30 day	34,581.37	23.9%	22,559.21	23,373.48	27,084.55
	Current	75,587.72	52.3%	111,180.64	79,927.64	90,015.39
	Aging	February		January	December	November
	Aging	February		`	December	November



LEWISTON BILLS PAID 2/28/2023

DATE	VENDOR	INVOICE #	DESCRIPTION	Lewiston Amount DEPT	Total Invoice
1/6/2023	Hardy Diagnostics	937-550-2	16x125mm Tubes	65.19 OPS	130.39
1/12/2023	Turner Designs	2099	Chloraphyll A Standards	222.26 LAB	444.53
2/1/2023	Univar	20009053	Returned Tote Deposit	(2,400.00) OPS	(4,800.00)
2/1/2023	Pine Tree Waste	3007724	Bulk Waste	59.21 OPS	118.41
2/1/2023	Slack	450606	Hydrofluorosilicic Acid	13,055.96 OPS	21,486.38
2/2/2023	Computer Place	64675	Scada - IT Support		
2/2/2023	Chris Curtis	Expense	Mileage		
2/2/2023	Horizon Solutions	5615180-00	Product Support	937.36 OPS	1,874.71
2/2/2023	Unifirst	1040283453	Rug Maint	144.52 OPS	289.04
2/3/2023	Dead River	14411	Tank #5 Propane	570.00 OPS	1,139.99
2/3/2023	Dead River	83976	Tank #5 Propane	337.11 OPS	674.22
2/6/2023	Computer Place	64945	Scada - IT Support	135.00 OPS	270.00
2/7/2023	Treasurer, State of Maine	SERC2022	EPCRA Reporting	400.00 OPS	800.00
2/7/2023	Firstlight	13550650	Feb-Scada Fiber-Chloramines		
2/7/2023	Firstlight	13550650	Feb-Scada Fiber-UV		
2/7/2023	Firstlight	13550650	Feb-Internet-Turner Rd		
2/7/2023	Firstlight	13550650	Feb-Phone/InternetTreatment Plant	_	
2/7/2023	WB Mason	236135594	Supplies		
2/7/2023	Portland Plastic Pipe	239531	Supplies	_	158.20
2/7/2023	USA Bluebook	261125	Supplies		78.17
2/9/2023	Harcros	300171318	Sodium Hypochlorite		8,614.25
2/10/2023	Dead River	73469	Tank #5 Propane		1,218.39
2/11/2023	Basix Automation Intergrators	15698-1	Repairs to HVAC - Outside Contracting		310.00
2/13/2023	Power Products	1304063	Chlorimines Generator Repairs		2,077.25
2/13/2023	Dead River	93438	Tank #3 Propane		1,364.58
2/14/2023	Dead River	99577	Tank 4 & 5 Propane		836.40
2/14/2023	Harcros	300171367	Caustic Soda		8,690.74
2/16/2023	US Cellular	562713770	Feb Cell Phones		
2/17/2023	Pro-Tech Refrigeration	i2423	HVAC PM	227.32 OPS	454.64
2/20/2023	Dead River	39135	Tank #5 Propane	361.51 OPS	723.02
2/21/2023	Sullivan Associates	41503	Material/Supplies		756.54
2/21/2023	Petty Cash	n/a	Ziploc Bags	11.86 LAB	23.71
2/23/2023	HAC	13478994	Supplies	913.00 OPS	1,826.00
2/23/2023	Maltz Sales Co	93112	Transfer Pump		4,276.57
2/23/2023	Home Depot	STMT	Batteries, Etc		56.74
2/24/2023	McMaster	93418204	Strut Hardware	114.10 OPS	228.20
2/24/2023	НАСН	13480863	Supplies		450.00
2/28/2023	Bisson Enterprises	26666	Cleaning	_	412.00
2/28/2023	IDEXX	3124110241	Supplies	1,758.74 LAB	3,517.48

Check	<u>Date</u>	Per Vendor	Inv Date	<u>Reference</u>	Amount
19209	2/3/2023	1 G & G Holdings LLC	1/27/2023	Refund Final overpd A/R - Customers Accts Rec	40.46
19210	2/3/2023	2 Regional Home Care	2/2/2023	Refund Deposit Bal A/R - Customers Accts Rec	40.46 16.97
19211	2/3/2023	2 Michael Broadbent	2/1/2023	Feb Mileage Misc Expense-T&D Ops	<u>16.97</u> 175.00
19211	2/3/2023	2 Michael Broadbent	2/1/2023	Feb Mileage A/R - Auburn Sewer	175.00
19212	2/3/2023	2 Budget Document Technology	1/30/2023		350.00 102.87
19212	2/3/2023	2 Budget Document Technology	1/30/2023	A/R - Auburn Sewer Copier Lease Misc Expense-A&G Office	102.86
19213	2/3/2023	1 Carus LLC	1/11/2023	Carus 4500 Chemical Expense	205.73 45,578.57
19214	2/3/2023	1 Coastal Auto Parts	1/31/2023	Windshield Wash, Blue Def Supplies - T&D - Ops	<u>45,578.57</u> 39.16
19214	2/3/2023	1 Coastal Auto Parts	1/31/2023	Swr Jet A/R - Auburn Sewer	44.06
19214	2/3/2023	1 Coastal Auto Parts	1/31/2023	Windshield Wash, Blue Def A/R - Auburn Sewer	39.16
19214	2/3/2023	1 Coastal Auto Parts	1/31/2023	Repairs TRUCK #51 (2022 FORD 1-TON	37.72
19215	2/3/2023	1 Constellation NewEnergy, Inc.	1/26/2023	UV#2 Accrued Power	<u>160.10</u> 6,488.86
19216	2/3/2023	1 The Computer Place	1/23/2023	A/R - Auburn Sewer	6,488.86 16.88
				AIX - MUDUIII SEWEI	

Check	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	Inv Date	<u>Reference</u>	Amount
19216	2/3/2023	1	The Computer Place	1/23/2023	IT Support Outside Services - A&G	16.87
19216	2/3/2023	1	The Computer Place	1/27/2023	IT Support Outside Services - A&G	67.50
19216	2/3/2023	1	The Computer Place	1/27/2023	Outside Services - A&G	67.50
					A/R - Auburn Sewer	
19216	2/3/2023	1	The Computer Place	1/25/2023	IT Support Outside Services - A&G	101.25
19216	2/3/2023	1	The Computer Place	1/25/2023		101.25
					A/R - Auburn Sewer	
19216	2/3/2023	1	The Computer Place	1/23/2023		33.75
					A/R - Lewiston	
19217	2/3/2023	1	Dead River Company	1/10/2023	tank #5 propane Propane Exp - UV	405.00 288.14
19217	2/3/2023	1	Dead River Company	1/6/2023	tank #5 Propane Exp - UV	466.25
19217	2/3/2023	1	Dead River Company	1/13/2023	гторапе Ехр - ОУ	310.21
					A/R - Lewiston	
19217	2/3/2023	1	Dead River Company	1/13/2023	tank #5 Propane Exp - UV	248.88
19217	2/3/2023	1	Dead River Company	1/10/2023		288.15
					A/R - Lewiston	
19217	2/3/2023	1	Dead River Company	1/13/2023		248.88
					A/R - Lewiston	
19217	2/3/2023	1	Dead River Company	1/6/2023		466.25
4					A/R - Lewiston	
19217	2/3/2023	1	Dead River Company	1/13/2023	Tank #8 Propane - Chloramines	310.20
						<u>2,626.96</u>

<u>Check</u> 19218	<u>Date</u> 2/3/2023	Per 1	Vendor Fortier's Locksmith	<u>Inv Date</u> 12/31/2022	Reference	<u>Amount</u> 112.25
19216	2/3/2023	1	Fortier's Locksmith	12/31/2022	Replace Lock Outside Services - T&D - Mnt	112.23
19218	2/3/2023	1	Fortier's Locksmith	12/31/2022	Replace Lock A/R - Auburn Sewer	112.25
19218	2/3/2023	1	Fortier's Security Center	1/10/2023	keys Expenses - Jobbing	23.50
19219	2/3/2023	1	General Alum New England Corp	1/12/2023	Aqua aide Chemical Expense	248.00 15,320.50
19220	2/3/2023	1	Gilman Electrical Dist.	1/18/2023	Chg out Expenses - Jobbing	<u>15,320.50</u> 34.10
19220	2/3/2023	1	Gilman Electrical Dist.	1/11/2023	batteries UV Treatment Plant - O&M	87.73
19220	2/3/2023	1	Gilman Electrical Dist.	1/11/2023		87.73
19221	2/3/2023	1	Harcros Chemicals, Inc.	1/13/2023	A/R - Lewiston Sod Hypo Chemical Expense	209.56 8,742.47
19222	2/3/2023	2	Lake Auburn Watershed Comm.	2/1/2023	Feb Payment Watershed Expenses	8,742.47 7,083.33
19223	2/3/2023	1	O'Connor Motor Co.	1/20/2023	Coolant, etc TRUCK #42 (2006 Volvo)	7,083.33 737.81
19224	2/3/2023	2	Maine Municipal Emp.Hlth.	1/10/2023	39020 Feb Ins Accrued - IPP Withheld	<u>737.81</u> 1,118.19
19224	2/3/2023	2	Maine Municipal Emp.Hlth.	1/10/2023	39020 Feb Ins Accrued - Life Insurance	107.00
19224	2/3/2023	2	Maine Municipal Emp.Hlth.	1/10/2023	39020 Feb Ins Employee Benefits	54.60

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19224	2/3/2023	2	Maine Municipal Emp.Hlth.	1/10/2023	39020 Feb Ins Accrued - Dental	1,078.68
19225	2/3/2023	1	Maine Municipal Association	1/1/2023	Prop & Casualty Pre-Paids	2,358.47 21,678.00
19226	2/3/2023	1	Morin Excavating, Inc.	1/31/2023	Repair/Replace WtrPump TRUCK #42 (2006 Volvo)	21,678.00 1,140.16
19227	2/3/2023	1	Minuteman Press South Portland	1/23/2023	Business Cards A/R - Auburn Sewer	<u>1,140.16</u> 29.50
19227	2/3/2023	1	Minuteman Press South Portland	1/23/2023	Business Cards Supplies - T&D - Ops	29.50
19228	2/3/2023	1	Power Products	1/19/2023	Generator PM Equipment Maintenance	<u>59.00</u> 267.50
19228	2/3/2023	1	Power Products	1/19/2023		267.50
					A/R - Auburn Sewer	
19228	2/3/2023	1	Power Products	1/16/2023		100.00
					A/R - Lewiston	
19228	2/3/2023	1	Power Products	1/16/2023	Generator Radiator Repair Misc Expense-Chloramines	2,916.31
19228	2/3/2023	1	Power Products	1/16/2023	Generator Radiator Repair A/R - Lewiston	2,916.32
19228	2/3/2023	1	Power Products	1/16/2023	Generator PM Misc Expense-Chloramines	100.00
19229	2/3/2023	1	Selco Plumbing and	1/17/2023	Chg out Expenses - Jobbing	<u>6,567.63</u> 24.46
19229	2/3/2023	1	Selco Plumbing and	1/4/2023	Plugs, Etc Supplies - Meters	20.65
						<u>45.11</u>

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19230	2/3/2023	1	Southworth-Milton	1/18/2023	Replace Batteries UV Treatment Plant - O&M	2,508.97
19230	2/3/2023	1	Southworth-Milton	1/18/2023	Replace Batteries A/R - Lewiston	2,508.97
19231	2/3/2023	1	Thayer Limited Liability Compa	1/1/2023	Qtlry Maint A/R - Auburn Sewer	<u>5.017.94</u> 408.38
19231	2/3/2023	1	Thayer Limited Liability Compa	1/1/2023	Qtlry Maint Outside Services - T&D - Mnt	408.37
19232	2/3/2023	1	Unifirst Corp	1/5/2023		816.75 101.41
					A/R - Lewiston	
19232	2/3/2023	1	Unifirst Corp	1/5/2023	Rug Maint UV Treatment Plant - O&M	101.41
19233	2/3/2023	1	U.S. Cellular	1/16/2023	Jan Bill A/R - Auburn Sewer	<u>202.82</u> 263.84
19233	2/3/2023	1	U.S. Cellular	1/16/2023	Jan Bill Telephone - Treatment	30.00
19233	2/3/2023	1	U.S. Cellular	1/16/2023	Jan Bill A/R - Lewiston	20.00
19233	2/3/2023	1	U.S. Cellular	1/16/2023	Jan Bill A/R - Lewiston	20.00
19233	2/3/2023	1	U.S. Cellular	1/16/2023	Jan Bill Misc Expense-T&D Ops	263.84
19234	2/3/2023	1	USA Blue Book	1/12/2023		<u>597.68</u> 854.71
19234	2/3/2023	1	USA Blue Book	1/12/2023	A/R - Lewiston Mtr Wire, Flange Kits Meters & Installations	766.10
19234	2/3/2023	1	USA Blue Book	1/12/2023	Supplies UV Treatment Plant - O&M	854.71
						<u>2,475.52</u>

<u>Check</u> 19235	<u>Date</u> 2/3/2023	<u>Per</u> 2 U	Vendor UNUM Life Insurance	<u>Inv Date</u> 1/16/2023	Reference	<u>Amount</u> 109.49
19235	2/3/2023	2 T	UNUM Life Insurance	1/16/2023	A/R - Auburn Sewer Feb life ins Employee Benefits	333.26
19236	2/10/2023	1 5	Sullivan Associates	1/17/2023	Employee Benefits	442.75 864.77
19236	2/10/2023	1 5	Sullivan Associates	1/17/2023	A/R - Lewiston Supplies UV Treatment Plant - O&M	864.77
19237	2/10/2023	2 (Cameron Tire & Service Inc.	2/2/2023	LOF & Wiper Blades TRUCK #48 (2020 CHEVY COL	1,729.54 68.37
19238	2/10/2023	2 (Constellation NewEnergy, Inc.	2/3/2023	268 Court St Accrued Power	<u>68.37</u> 355.04
19239	2/10/2023	2 1	The Computer Place	2/2/2023	IT Support Outside Services - A&G	<u>355.04</u> 67.50
19239	2/10/2023	2 7	The Computer Place	2/1/2023		336.13
19239	2/10/2023	2 1	Γhe Computer Place	2/2/2023	A/R - Auburn Sewer IT Support Scada A/R - Auburn Sewer	16.88
19239	2/10/2023	2 1	The Computer Place	2/3/2023	IT Support Outside Services - A&G	67.50
19239	2/10/2023	2 1	The Computer Place	2/3/2023	Outside Services - A&G	67.50
19239	2/10/2023	2 1	Гhe Computer Place	2/2/2023	A/R - Auburn Sewer IT Support Scada Outside Services - A&G	16.87
19239	2/10/2023	2 7	Гhe Computer Place	2/2/2023		67.50
19239	2/10/2023	2 1	Γhe Computer Place	2/1/2023	A/R - Auburn Sewer IT Support Outside Services - A&G	336.12

<u>Check</u> 19239	<u>Date</u> 2/10/2023	<u>Per</u> 2	Vendor The Computer Place	<u>Inv Date</u> 2/2/2023	Reference	<u>Amount</u> 33.75
					IT Support Scada A/R - Lewiston	
19239	2/10/2023	2	The Computer Place	2/1/2023	IT Support Outside Services - A&G	33.75
19239	2/10/2023	2	The Computer Place	2/3/2023		6.75
19239	2/10/2023	2	The Computer Place	2/3/2023	A/R - Auburn Sewer IT Support Outside Services - A&G	6.75
19239	2/10/2023	2	The Computer Place	2/2/2023		168.75
19239	2/10/2023	2	The Computer Place	2/1/2023	A/R - Auburn Sewer	33.75
					A/R - Auburn Sewer	
19239	2/10/2023	2	The Computer Place	2/2/2023	IT Support Outside Services - A&G	168.75
19241	2/10/2023	2	Christopher Curtis	2/2/2023	Mileage, Tolls A/R - Lewiston	<u>1,428.25</u> 198.58
19242	2/10/2023	2	Dig Safe System, Inc.	2/1/2023	Feb Ops Misc Expense-Mains	<u>198.58</u> 197.61
19242	2/10/2023	2	Dig Safe System, Inc.	2/1/2023	·	197.62
					A/R - Auburn Sewer	<u>395.23</u>
19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023	Crushed Gravel A/R - Auburn Sewer	228.00
19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023	gravel Supplies - T&D - Mnt	336.00
19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023		105.00
19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023	A/R - Auburn Sewer Various Gravel Supplies - Mains	3,048.00

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19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023		1,320.00
					Erosion Mulch-79 Pointe Watershed Expenses	
					watershed Expenses	
19243	2/10/2023	1	Dube Gravel Company, Inc.	2/3/2023	Cand/Calt Mix	105.00
					Sand/Salt Mix Supplies - T&D - Ops	
					Cupplies - Tub - Ops	7.1.42.00
19244	2/10/2023	1	Ferguson Enterprises LLC 3326	1/10/2023		<u>5,142.00</u> 62.00
1/2-1-1	2/10/2023	1	reignson Enterprises EEC 3320	1/10/2023	Tap Machine Parts	02.00
					Equipment Maintenance	
						62.00
19245	2/10/2023	1	Grainger	1/17/2023		424.28
					Chg out	
					Expenses - Jobbing	
						424.28
19246	2/10/2023	1	Harrison Shrader Enterprises L	1/13/2023		477.50
					Wireless Headset	
					A/R - Auburn Sewer	
19246	2/10/2023	1	Harrison Shrader Enterprises L	1/13/2023	NAG	477.50
					Wireless Headset 2023-Shop Tools	
					2023-31100 10013	
19247	2/10/2023	1	Home Depot Credit Services	1/26/2023		<u>955.00</u> 170.92
1924/	2/10/2023	1	Home Depot Credit Services	1/20/2023		170.32
					A/R - Auburn Sewer	
19247	2/10/2023	1	Home Depot Credit Services	1/26/2023		249.35
			F		Tools - Trk 50 & 51	
					Supplies - T&D - Ops	
19247	2/10/2023	1	Home Depot Credit Services	1/26/2023		64.90
			·		Gas Can - Trk 39	
					Supplies - T&D - Ops	
19247	2/10/2023	1	Home Depot Credit Services	1/26/2023		170.91
					shop supplies	
					Supplies - T&D - Ops	
19247	2/10/2023	1	Home Depot Credit Services	1/26/2023		378.10
					Hydrant pump & Batteries	
					2023-Shop Tools	
						1,034.18
19248	2/10/2023	1	Betsy L. Oulton	12/31/2022	UP Conculting	45.00
					HR Consulting Misc Expense-A&G Office	
10240	2/10/2022		D-4 I O-1-	12/21/2022	ss Expense / ido omos	45.00
19248	2/10/2023	1	Betsy L. Oulton	12/31/2022		45.00
					A/R - Auburn Sewer	
						90.00
						<u> 90.00</u>

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19249	2/10/2023	1	MissionSquare	1/31/2023	304412 ICMA 457 Accrued - Deferred Comp	3,860.71
19250	2/10/2023	1	MissionSquare	1/31/2023	109636 ICMA 401 Employee Benefits	3,860.71 7,722.51
19251	2/10/2023	1	MissionSquare	1/31/2023	705328 Roth IRA Accrued - IRA/ICMA	7,722.51 1,379.96
19252	2/10/2023	1	City of Lewiston	1/9/2023	Dec Scada Tech Insurance - Workers Comp	<u>1,379.96</u> 95.04
19252	2/10/2023	1	City of Lewiston	1/9/2023	Dec Scada Tech Employee Benefits	318.30
19252	2/10/2023	1	City of Lewiston	1/13/2023	USDA thru 113022 Misc Accrued Other	23,213.32
19252	2/10/2023	1	City of Lewiston	1/9/2023	Dec Scada Tech A/R - Auburn Sewer	1,978.20
19252	2/10/2023	1	City of Lewiston	1/13/2023	supplies UV Treatment Plant - O&M	153.03
19252	2/10/2023	1	City of Lewiston	1/9/2023	Dec Scada Tech Labor - Stores	1,564.86
19252	2/10/2023	1	City of Lewiston	1/9/2023	Dec Scada Tech UV Treatment Plant - O&M	82.43
19253	2/10/2023	1	Maine Air Power	11/28/2022	PM Air Compressor A/R - Auburn Sewer	<u>27,405.18</u> 184.47
19253	2/10/2023	1	Maine Air Power	11/28/2022	PM Air Compressor Equipment Maintenance	184.46
19254	2/10/2023	1	W. B. Mason Co., Inc.	1/17/2023		<u>368.93</u> 82.31
19254	2/10/2023	1	W. B. Mason Co., Inc.	1/17/2023	A/R - Lewiston Supplies UV Treatment Plant - O&M	82.30

<u>Check</u>	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	Inv Date	<u>Reference</u>	Amount
19255	2/10/2023	2	McMaster-Carr Supply Co.	2/3/2023	Misc Hardware Supplies - T&D - Ops	<u>164.61</u> 162.25
19255	2/10/2023	2	McMaster-Carr Supply Co.	2/3/2023	Misc Hardware A/R - Auburn Sewer	162.26
19256	2/10/2023	1	Ness Oil Co.	1/31/2023		324.51 276.27
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #38 (2015 FORD F250)	336.96
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	A/R - Auburn Sewer	134.51
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	A/R - Auburn Sewer	96.92
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #36 (2013 Ford F150)	470.78
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #50 (2022 VOLVO DUN	410.42
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #39 (2015 FORD F250)	582.65
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #42 (2006 Volvo)	238.34
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #48 (2020 CHEVY COL	888.65
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #32 (2011 FORD F350)	291.44
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #45 (2019 CHVY SILVE	157.70
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	TRUCK #47 (2019 FORD 3/4 TC	678.53
					TRUCK #41 (2016 CHVY SILVR	

<u>Check</u> 19256	<u>Date</u> 2/10/2023	<u>Per</u>	Vendor Ness Oil Co.	<u>Inv Date</u> 1/31/2023	<u>Reference</u>	<u>Amount</u> 329.84
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	A/R - Auburn Sewer	64.82
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	A/R - Auburn Sewer	64.81
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	Supplies - T&D - Ops	307.86
19256	2/10/2023	1	Ness Oil Co.	1/31/2023	Jan Fuel TRUCK #49 (2020 CAT BACKH	196.33
					TRUCK # 33 (2012 FORD TRU(<u>5,526.83</u>
19258	2/10/2023	1	New England Crane	12/30/2022	Annual Insp Hoists UV Treatment Plant - O&M	310.00
19258	2/10/2023	1	New England Crane	12/30/2022	A/R - Lewiston	310.00
19259	2/10/2023	1	New England Truck Tire	1/27/2023	Flat Repair TRUCK #38 (2015 FORD F250)	<u>620.00</u> 23.00
19260	2/10/2023	2	Northern Data Systems, Inc.	2/1/2023		23.00 5,670.50
19260	2/10/2023	2	Northern Data Systems, Inc.	2/1/2023	A/R - Auburn Sewer Annual Support Misc Expense-Customers	5,670.50
19261	2/10/2023	2	Pitney Bowes, Inc Lease	1/29/2023	Meter Rental Equipment Rentals	11,341.00 229.95
19261	2/10/2023	2	Pitney Bowes, Inc Lease	1/29/2023		229.95
19262	2/10/2023	1	Spiller's	1/17/2023	A/R - Auburn Sewer Marking Paint Supplies - T&D - Ops	<u>459.90</u> 234.90
19262	2/10/2023	1	Spiller's	1/17/2023	Marking Paint A/R - Auburn Sewer	234.90

Check	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	Inv Date	Reference	Amount
19263	2/10/2023	1	Staples Credit Plan	1/27/2023	Various Office Supplies Supplies - A&G - Office	469.80 228.47
19263	2/10/2023	1	Staples Credit Plan	1/27/2023		228.48
					A/R - Auburn Sewer	<u>456.95</u>
19264	2/10/2023	1	Super Shoe Stores, Inc.	1/20/2023	Cloth Allow Employee Benefits	269.07
19265	2/10/2023	2	UNITIL ME	1/30/2023		<u>269.07</u> 1,495.23
					A/R - Auburn Sewer	
19265	2/10/2023	2	UNITIL ME	1/30/2023	Court St nat'l gas Supplies - T&D - Ops	1,495.23
19266	2/10/2023	1	Utilitronics	1/20/2023		2,990.46 1,054.96
					A/R - Auburn Sewer	
19266	2/10/2023	1	Utilitronics	1/20/2023	Locator 2023 Locator	1,054.95
						<u>2,109.91</u>
19267	2/10/2023	1	Voyager Networks New England	2/1/2023	Jan Answ Service Misc Expense-A&G Office	39.00
19267	2/10/2023	1	Voyager Networks New England	2/1/2023	Wilde Expense-Add Office	39.00
19207	2/10/2023	1	voyagei Networks New Eligianu	2/1/2023	Jan Answ Service A/R - Auburn Sewer	37.00
19268	2/10/2023	1	V W R International LLC	1/17/2023		78.00 1,066.57
					A/R - Lewiston	
19268	2/10/2023	1	V W R International LLC	1/17/2023	Supplies	1,066.56
					UV Treatment Plant - O&M	
						<u>2,133.13</u>
19269	2/10/2023	2	Wright-Pierce	1/9/2023	WTR Expansion thru 123022 Expenses - Jobbing	7,581.99
						<u>7,581.99</u>
19270	2/17/2023	2	Charter Communications	2/6/2023		67.49
					Internet- Court St Telephone-A&G Office	

Check	<u>Date</u>	Per	<u>Vendor</u>	Inv Date	Poforonoo	Amount
19270	2/17/2023	2	<u> </u>	2/6/2023	<u>Reference</u>	67.49
					A/R - Auburn Sewer	
						134.98
19271	2/17/2023	2	Consolidated Communications	1/24/2023	Phone Update	126.87
					Outside Services - T&D - Mnt	
19271	2/17/2023	2	Consolidated Communications	1/24/2023		126.88
					Phone Update A/R - Auburn Sewer	
						<u>253.75</u>
19272	2/17/2023	2	The Computer Place	2/7/2023		66.24
					IT Support Outside Services - A&G	
19272	2/17/2023	2	The Computer Place	2/6/2023		67.50
			1		IT Support-Scada	
					Outside Services - A&G	
19272	2/17/2023	2	The Computer Place	2/6/2023		67.50
					A/R - Auburn Sewer	
19272	2/17/2023	2	The Computer Place	2/6/2023		135.00
					A/R - Lewiston	
19272	2/17/2023	2	The Computer Place	2/7/2023	, vit Lowelli	66.25
1,2,7	2/1//2028	_	The company Three	2, 7, 2025		00.20
					A/R - Auburn Sewer	
19273	2/17/2023	1	Dead River Company	1/27/2023		402.49 362.88
1,2,3	2/17/2023		Boad River Company	1/2//2023	Tank 4 & 5	302.00
					Propane Exp - UV	
19273	2/17/2023	1	Dead River Company	1/27/2023		362.89
					A/R - Lewiston	
19273	2/17/2023	1	Dead River Company	1/17/2023		293.56
					A/R - Lewiston	
19273	2/17/2023	1	Dead River Company	1/24/2023	, vit Lowelli	560.72
1,2,3	2/17/2023		Boad River Company	1/2 1/2023	tank #5	300.72
					Propane Exp - UV	
19273	2/17/2023	1	Dead River Company	1/24/2023		560.72
					A/R - Lewiston	
19273	2/17/2023	1	Dead River Company	1/17/2023		293.55
					tank #5 Propane Exp - UV	
					ι τορατίο <u>Ε</u> λρ - Ο ν	<u>2,434.32</u>
						2,734.32

<u>Check</u> 19274	<u>Date</u> 2/17/2023	<u>Per</u>	Vendor Easy Rent-All Corp.	<u>Inv Date</u> 1/27/202	1101010100	<u>Amount</u> 85.97
19274	2/17/2023	1	Easy Rent-All Corp.	12/29/20	A/R - Auburn Sewer	-429.75
1,2,1	2/17/2023	1	Lasy Rent 711 Corp.	12,27,20	Wrong Vendor A/R - Auburn Sewer	127.173
19274	2/17/2023	1	Easy Rent-All Corp.	1/27/202	3 Shovels Supplies - T&D - Ops	85.97
19274	2/17/2023	1	Easy Rent-All Corp.	12/29/20	22 Wrong Vendor Misc Expense-Mains	-429.75
19274	2/17/2023	1	Easy Rent-All Corp.	12/29/20	22 Loader Rental Misc Expense-Mains	429.75
19274	2/17/2023	1	Easy Rent-All Corp.	12/29/20	22 Loader Rental A/R - Auburn Sewer	429.75
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet A/R - Lewiston	<u>171.94</u> 55.00
19275	2/17/2023	2	FirstLight	2/7/2023		71.32
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet A/R - Lewiston	62.50
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet Telephone-A&G Office	55.00
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet UV Treatment Plant - O&M	62.50
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet Chloramine Facility - O&M	62.50
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet Telephone-A&G Office	219.82
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet A/R - Auburn Sewer	219.83
19275	2/17/2023	2	FirstLight	2/7/2023	Feb Phone/Internet A/R - Lewiston	62.50

Check	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	Inv Date	Reference	Amount
19275	2/17/2023	2	FirstLight	2/7/2023		71.32
					Feb Phone/Internet A/R - Lewiston	
						942.29
19276	2/17/2023	1	Granite State Analytical Srvcs	1/31/2023	Jan Testing	20.00
					Outside Services - Lab Tests	
19277	2/17/2023	3	Group Dynamic Inc	2/17/2023		20.00 64.00
1,2,,	2/1//2020		Group Bynamic inc		HRA-Mar	000
					Employee Benefits	<i>(</i> 4.00
19278	2/17/2023	1	Horizon Solutions, LLC	1/26/2023		<u>64.00</u> 525.00
					Signal Cable A/R - Auburn Sewer	
19278	2/17/2023	1	Horizon Solutions, LLC	1/26/2023		525.00
					Signal Cable Supplies - T&D - Ops	
					оприсо - Тар - Оро	<u>1,050.00</u>
19279	2/17/2023	2	Treasurer, State of Maine	2/7/2023	CEDC 2022	400.00
					SERC 2022 A/R - Lewiston	
19279	2/17/2023	2	Treasurer, State of Maine	2/7/2023		400.00
					SERC 2022 UV Treatment Plant - O&M	
						800.00
19280	2/17/2023	1	Idexx Distribution, Inc.	1/6/2023	Supplies 100% Lewiston	129.27
					A/R - Lewiston	
19281	2/17/2023	2	Maine Municipal Emp.Hlth.	2/7/2023		129.27 1,118.19
19201	2/1//2023	3	Mame Mumerpar Emp.rmu.	2/ // 2023	39020 Mar Ins	1,116.19
	- /- /- /-				Accrued - IPP Withheld	
19281	2/17/2023	3	Maine Municipal Emp.Hlth.	2/7/2023	39020 Mar Ins	54.60
					Employee Benefits	
19281	2/17/2023	3	Maine Municipal Emp.Hlth.	2/7/2023	39020 Mar Ins	1,078.68
					Accrued - Dental	
19281	2/17/2023	3	Maine Municipal Emp.Hlth.	2/7/2023	39020 Mar Ins	107.00
					Accrued - Life Insurance	
10202	0/15/2022	_	M D. G. d.D. d. d.	2/2/2022		<u>2,358.47</u>
19282	2/17/2023	2	Minuteman Press South Portland	2/3/2023	Window Envelopes	384.50
					Supplies - A&G - Office	

Check	<u>Date</u>	<u>Per</u>	<u>Vendor</u>	Inv Date	Beforesse	<u>Amount</u>
19282	2/17/2023		Minuteman Press South Portland		<u>Reference</u>	384.50
					Window Envelopes A/R - Auburn Sewer	
19283	2/17/2023	2	Northern Data Systems, Inc.	2/9/2023		769.00 939.98
					A/R - Auburn Sewer	
19283	2/17/2023	2	Northern Data Systems, Inc.	2/9/2023	Billing Outside Services - Customers	939.97
19284	2/17/2023	1	Petro's	1/31/2023		1,879.95 32.97
					A/R - Auburn Sewer	
19284	2/17/2023	2	Petro's	12/23/2022		21.98
					A/R - Auburn Sewer	
19284	2/17/2023	2	Petro's	12/23/2022	rock salt Supplies - T&D - Ops	21.98
19284	2/17/2023	1	Petro's	1/13/2023	cappilos (ab ope	16.49
					A/R - Auburn Sewer	
19284	2/17/2023	1	Petro's	1/13/2023	7.0.0	16.48
					rock salt Supplies - T&D - Ops	
19284	2/17/2023	1	Petro's	1/31/2023	rock salt	32.97
					Supplies - T&D - Ops	
19284	2/17/2023	1	Petro's	1/25/2023		21.98
					A/R - Auburn Sewer	
19284	2/17/2023	1	Petro's	1/25/2023	rock salt Supplies - T&D - Ops	21.98
					esphare and ohe	<u>186.83</u>
19285	2/17/2023	1	Phenova Inc	1/24/2023		808.80
					A/R - Lewiston	
19285	2/17/2023	1	Phenova Inc	1/24/2023	Supplies UV Treatment Plant - O&M	808.80
						<u>1,617.60</u>
19286	2/17/2023	2	Pine Tree Waste	2/1/2023	Bulk Waste Outside Services - T&D - Ops	107.93

<u>Check</u> 19286	<u>Date</u> 2/17/2023	<u>Per</u> 2	Vendor Pine Tree Waste	Inv Date 2/1/2023	Reference	<u>Amount</u> 107.93
19286	2/17/2023	2	Pine Tree Waste	2/1/2023	A/R - Auburn Sewer Bulk Waste	59.20
19286	2/17/2023	2	Pine Tree Waste	2/1/2023	UV Treatment Plant - O&M A/R - Lewiston	59.21
19287	2/17/2023	1	Portland Plastic Pipe	1/26/2023	Supplies	334.27 79.91
19287	2/17/2023	1	Portland Plastic Pipe	1/26/2023	UV Treatment Plant - O&M A/R - Lewiston	79.92
19288	2/17/2023	1	E.J. Prescott, Inc.	1/26/2023	meters Meters & Installations	159.83 2,325.60
19288	2/17/2023	1	E.J. Prescott, Inc.	1/6/2023	chg out Expenses - Jobbing	380.00
19288	2/17/2023	1	E.J. Prescott, Inc.	1/26/2023	Rep Clamp Supplies - Mains	912.89
19288	2/17/2023	1	E.J. Prescott, Inc.	1/26/2023	6x8 Rep Clamp Inventory	189.88
19288	2/17/2023	1	E.J. Prescott, Inc.	1/26/2023	6x8 Rep Clamp Supplies - Mains	189.88
19288	2/17/2023	1	E.J. Prescott, Inc.	1/31/2023	Supplies Inventory	537.06
19288	2/17/2023		E.J. Prescott, Inc.	1/31/2023	chg out Expenses - Jobbing	537.06
19288	2/17/2023		E.J. Prescott, Inc.	1/12/2023	meters Meters & Installations	1,199.12
19288	2/17/2023	1	E.J. Prescott, Inc.	1/13/2023	Various Repair Kits Inventory	2,166.40

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Check	Date	<u>Per</u>	<u>Vendor</u>	Inv Date	<u>Reference</u>	<u>Amount</u>
19288	2/17/2023	1	E.J. Prescott, Inc.	1/13/2023		517.18
					Hyd Meter	
					Inventory	
19288	2/17/2023	12	E.J. Prescott, Inc.	12/5/2022	matara	1,551.60
					meters Meters & Installations	
10200	2/17/2022	10	EID #I	12/14/2022	Wotoro & Motaliations	0.710.02
19288	2/17/2023	12	E.J. Prescott, Inc.	12/14/2022	Chg out Returns	-9,718.93
					Expenses - Jobbing	
19288	2/17/2023	12	E.J. Prescott, Inc.	12/16/2022		303.17
17200	2/17/2023	12	E.J. Trescott, Inc.	12/10/2022	Supplies	303.17
					Supplies - Mains	
19288	2/17/2023	12	E.J. Prescott, Inc.	12/29/2022		1,156.53
			,		Clamps	,
					Supplies - Mains	
						<u>2,247.44</u>
19290	2/17/2023	2	Rent-It Of Maine, Inc.	1/30/2023		2,781.25
					excavator	
					Misc Expense-Mains	
				- / - /		<u>2,781.25</u>
19291	2/17/2023	2	RHR Smith & Co	2/10/2023	Progress billing	2,000.00
					Accounting & Audit	
					, loosanting a , taan	2 000 00
19292	2/17/2023	3	UNUM Life Insurance	2/13/2023		<u>2,000.00</u> 136.47
1,2,2	2/1//2028	J		2, 10, 2020		150117
					A/R - Auburn Sewer	
19292	2/17/2023	3	UNUM Life Insurance	2/13/2023		410.02
					Mar Life Ins	
					Employee Benefits	
						<u>546.49</u>
19293	2/17/2023	2	F. W. Webb Co.	10/6/2022		105.35
					Chg out Expenses - Jobbing	
					Expenses - Jobbing	
10204	2/24/2023	1	Alliad Universal Technology	1/20/2022		<u>105.35</u> 153.00
19294	2/24/2023	1	Allied Universal Technology	1/30/2023	Contracting	133.00
					UV Treatment Plant - O&M	
19294	2/24/2023	1	Allied Universal Technology	1/30/2023		153.00
17271	2/2 1/2023		ranica chiversar rechnology	1/30/2023	Contracting	133.00
					A/R - Lewiston	
						<u>306.00</u>
19295	2/24/2023	2	City of Auburn	1/26/2023		10.00
					Excavation Permit	
					Misc Expense-Mains	
						10.00

Check	<u>Date</u>	<u>Per</u>	Vendor	Inv Date	Reference	Amount
19296	2/24/2023	2	Michael Barry	2/28/2023	Feb Cell Telephone - Treatment	30.00
19297	2/24/2023	2	Steve J. Bell	2/28/2023	Feb cell Telephone - Treatment	<u>30.00</u> 30.00
19298	2/24/2023	2	Lindsay Bates	2/28/2023	Feb Cell Telephone - Treatment	30.00 30.00
19299	2/24/2023	1	Constellation NewEnergy, Inc.	1/17/2023	Ipswich Accrued Power	30.00 16.67
19299	2/24/2023	10	Constellation NewEnergy, Inc.	10/6/2022	Ipswich Accrued Power	3.94
19299	2/24/2023	11	Constellation NewEnergy, Inc.	10/25/2022	lpswich Accrued Power	3.16
19299	2/24/2023	12	Constellation NewEnergy, Inc.	12/1/2022	lpswich Accrued Power	22.68
19299	2/24/2023	8	Constellation NewEnergy, Inc.	8/16/2022	Ipswich Accrued Power	4.35
19299	2/24/2023	7	Constellation NewEnergy, Inc.	7/21/2022	lpswich Accrued Power	3.14
19299	2/24/2023	3	Constellation NewEnergy, Inc.	2/15/2023	lpswich Accrued Power	55.12
19299	2/24/2023	4	Constellation NewEnergy, Inc.	4/14/2022	Ipswich - Over pd Accrued Power	-125.76
19299	2/24/2023	6	Constellation NewEnergy, Inc.	6/15/2022	Ipswich Accrued Power	3.31
19299	2/24/2023	4	Constellation NewEnergy, Inc.	4/14/2022	lpswich Accrued Power	27.50
19299	2/24/2023	5	Constellation NewEnergy, Inc.	5/17/2022	lpswich Accrued Power	3.81
						<u>17.92</u>

3/10/2023

Auburn Water District Accounts Payable Check Register February 1, 2023 thru February 28, 2023

Check	Date	Per	<u>Vendor</u>	Inv Date	Deference	Amount
19300	2/24/2023		Eaton Peabody, PA	2/8/2023	Reference	73.75
					Services thru 013123	
					A/R - Auburn Sewer	
19300	2/24/2023	2	Eaton Peabody, PA	1/10/2023	Dec Services	4,153.00
					Legal Expenses	
19300	2/24/2023	2	Eaton Peabody, PA	2/3/2023		4,686.25
					Jan services	
					Legal Expenses	
19300	2/24/2023	2	Eaton Peabody, PA	2/8/2023	Services thru 013123	73.75
					Legal Expenses	
						<u>8,986.75</u>
19301	2/24/2023	2	Ferguson Enterprises LLC 3326	2/2/2023		60.25
					Tap Machine Parts Equipment Maintenance	
					Equipment maintenance	60.25
19302	2/24/2023	2	Fortier's Locksmith	1/31/2023		980.42
					Chg out	
					Expenses - Jobbing	202.42
19303	2/24/2023	2	David Hamann	2/28/2023		<u>980.42</u> 30.00
					Feb cell	
					Telephone - Treatment	
19304	2/24/2023	1	Harcros Chemicals, Inc.	1/20/2022		30.00 8,533.74
19304	2/24/2023	1	narcios Chemicais, inc.	1/30/2023	Sod Hydro	6,333.74
					Chemical Expense	
						8,533.74
19305	2/24/2023	2	Cole Hayford	2/28/2023	Feb cell	30.00
					Telephone - Treatment	
						30.00
19306	2/24/2023	2	Horizon Solutions, LLC	2/2/2023	D 1 10 1	937.35
					Product Support UV Treatment Plant - O&M	
19306	2/24/2023	2	Horizon Solutions, LLC	2/2/2023		937.36
1,500	2,2 1,2023	_	Tronzon Solutions, EEC	2, 2, 2023		737.30
					A/R - Lewiston	
10207	2/24/2022	~	Tanasa Dana	2/20/2022		<u>1,874.71</u>
19307	2/24/2023	2	Tanya Dunn	2/20/2023	Wtr Main Break-Lunch	58.95
					Misc Expense-T&D Ops	
						<u>58.95</u>
19308	2/24/2023	1	Bisson Enterprises, Inc. DBA	1/31/2023		206.00
					A/D Lougiston	

A/R - Lewiston

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Check	<u>Date</u>	Per 1	<u>Vendor</u>	Inv Date	<u>Reference</u>	Amount
19308	2/24/2023	1	Bisson Enterprises, Inc. DBA	1/31/2023	Cleaning	206.00
					UV Treatment Plant - O&M	
19308	2/24/2023	1	Bisson Enterprises, Inc. DBA	1/31/2023		350.00
1,500	2,2 1,2020	•	Biccon Enverprises, mer BB11	175172025	Cleaning	220.00
					Outside Services - T&D - Mnt	
19308	2/24/2023	1	Bisson Enterprises, Inc. DBA	1/31/2023		350.00
			1			
					A/R - Auburn Sewer	
						1,112.00
19309	2/24/2023	2	Intrado Interactive Services	1/31/2023		50.07
					A/R - Auburn Sewer	
					A/N - Aubum Sewei	
19309	2/24/2023	2	Intrado Interactive Services	1/31/2023	Auto Calls	50.07
					Misc Expense-Collections	
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	100.14
19310	2/24/2023	2	Treasurer, State of Maine	2/24/2023		100.14 20.00
1,010	2,2 1,2020	_	110000101, 20000 01 11201110	2/2 1/2020	License Upgrade	20.00
					Misc Expense-T&D Ops	
						20.00
19311	2/24/2023	2	W. B. Mason Co., Inc.	2/7/2023		23.38
					Supplies	
					Misc Expense-T&D Ops	
19311	2/24/2023	2	W. B. Mason Co., Inc.	1/31/2023	W	8.99
					Wrist Rest Supplies - A&G - Office	
					Supplies - A&G - Office	
19311	2/24/2023	2	W. B. Mason Co., Inc.	1/31/2023	Wrist Rest	9.00
					A/R - Auburn Sewer	
19311	2/24/2023	2	W. B. Mason Co., Inc.	2/7/2023		23.39
19311	2/24/2023	2	W. D. Mason Co., Inc.	2/1/2023		23.37
					A/R - Auburn Sewer	
19311	2/24/2023	2	W. B. Mason Co., Inc.	2/7/2023		22.62
			,		Supplies	
					UV Treatment Plant - O&M	
19311	2/24/2023	2	W. B. Mason Co., Inc.	2/7/2023		22.62
					A/R - Lewiston	
19311	2/24/2023	2	W. B. Mason Co., Inc.	1/31/2023		55.80
					Trash bags, towels	
					Supplies - T&D - Ops	
19311	2/24/2023	2	W. B. Mason Co., Inc.	1/31/2023		55.80
					A/R - Auburn Sewer	
					, vit - / tabaiii Ocwei	***
						<u>221.60</u>

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Check	<u>Date</u>	Per	<u>Vendor</u>	Inv Date	<u>Reference</u>	Amount
19312	2/24/2023	2	Craig Millett	2/28/2023	Feb cell	30.00
					Telephone - Treatment	
					rolephone rreatment	
10212	2/24/2022	2	E I D	2/2/2022		30.00
19313	2/24/2023	2	E.J. Prescott, Inc.	2/2/2023	meters	2,908.80
					Meters & Installations	
					Woters & Histaliations	
10214	2/24/2022	2	O1' P- D I	2/1/2022		2,908.80 483.31
19314	2/24/2023	2	Quality Glass & Doors Inc	2/1/2023	Window Repair	403.31
					Outside Services - T&D - Mnt	
	- /- / /	_		- // /	Catalac Colvidos Tab Ivilla	
19314	2/24/2023	2	Quality Glass & Doors Inc	2/1/2023	N	483.31
					Window Repair A/R - Auburn Sewer	
					A/R - Auburn Sewer	
						966.62
19315	2/24/2023	2	Slack Chemical Co Inc	2/1/2023		21,486.38
					Hyrdroflouro	
					Chemical Expense	
						21,486.38
19316	2/24/2023	2	Super Shoe Stores, Inc.	2/17/2023		269.94
					Cloth Allow	
					Employee Benefits	
19316	2/24/2023	2	Super Shoe Stores, Inc.	2/17/2023		35.99
					A/R - Auburn Sewer	
						305.93
19317	2/24/2023	2	Derek Thone	2/28/2023		30.00
					Feb cell	
					Telephone - Treatment	
						30.00
19318	2/24/2023	2	United AG & Turf NE LLC	1/23/2023		10.92
					Nuts, Bolts	
					A/R - Auburn Sewer	
19318	2/24/2023	2	United AG & Turf NE LLC	1/23/2023		10.92
					Nuts, Bolts	
					Equipment Maintenance	
19318	2/24/2023	2	United AG & Turf NE LLC	2/15/2023		2,006.90
					Brushes	,
					TRUCK #40 (409JCB Loader)	
						2,028.74
19319	2/24/2023	1	Wright-Pierce	2/2/2023		1,794.27
		-	5	·	Garage thru 012723	-, <u>-</u> ,
					A/R - Auburn Sewer	
19319	2/24/2023	2	Wright-Pierce	2/7/2023		227.05
1/31/	21 2 TI 2023	2		21112023	WTR Expansion thru 012723	221.03
					Expenses - Jobbing	
					. 3	

3/10/2023

Auburn Water District Accounts Payable Check Register February 1, 2023 thru February 28, 2023

Check **Inv Date Vendor Amount Date** <u>Per</u> Reference 19319 2/2/2023 1,794.26 1 Wright-Pierce 2/24/2023 Garage thru 012723 **Equipment Garage** 3,815.58 **Grand Total** 292,179.12

AUBURN WATER DISTRICT

MONTHLY ACTIVITY REPORT February 2023

MAINS

			Le	ak Che	eck			
Location	Hrs.	Comments	PT/CI ₂	Leak	On Owner	ОК	Misc.	New
930 Minot Ave	34	Repair main leak		1				
Stevens Mill Rd	30	Repair main leak		1				
Hillcrest	12	repaired service leak		1				
Second, Dunn, Hotel Rd	8	order materials for summer projects						1
Total Hours	84							
Monthly Totals	4		0	3	0	0	0	1
2022 Monthly Totals	9		0	7	0	0	2	0
YTD Totals	14		0	10	1	0	2	1
2022 YTD Totals	16		0	14	0	0	2	0

GATES

Location	Ck'd	Comments	Adjust	Leak	New	Misc.
Monthly Totals	0		0	0	0	0
2022 Monthly Totals	0		0	0	0	0
YTD Totals	0		0	0	0	0
2022 YTD Totals	0		0	0	0	0

HYDRANTS

Location	Hrs.	Comments	Broken	Сар	Misc.	New	Frozen
Gamage and Dennison	2	Replace break-away, hydrant hit by pld	1				
Private hydrant maintenance	39	Check, mark, pump			1		
All routes	164	Check all hydrants			1		
Merrow Rd	10	Hydrant flow test			1		
Highland Ave	4	repair hydrant			1		
Sandy Beach Rd	2	repair hydrant			1		
Total Hours	220						
Monthly Totals	6		1	0	5	0	0
2022 Monthly Totals	4		1	0	3	0	0
YTD Totals	12		5	0	7	0	0
2022 YTD Totals	7		1	0	6	0	0

NEW SERVICES

			ter	ter	ter e
Location	No.	Comments	No Meter	Meter	Meter Size
15 Belmont	1	Activate sprinkler service, 6"	6"	1	11/2"
6 Canter Court	1	New domestic w/irrigation	6"	1	11/2"
10 Subaru Dr	2	New domestic and sprinkler	6"	1	2"
51 Mystique Way	1	New domestic		1	5/8"
Auburn Heights	1	New domestic service		1	3"
600 Center Street	2	New Domestic and sprinkler	6"	1	11/2"
Monthly Totals	10		4	6	
2022 Monthly Totals	0		1	5	
YTD Totals	13		5	8	
2022 YTD Totals	0		1	7	

SERVICES

			Le	ak Che	ck			
Location	Hrs.	Comments	Ą	Leak	On Owner	Frozen	Вох	Misc.
Subaru Drive	2	Remove hydrant meter						1
555 Court Street	5	Flushed Dirt out of private service.			1			
92 Gill Street	2	Turn Water on			1			
51 Mystique way	2	replace frozen water meter			1			
108 Howe	2	Service frozen			1			
18 Webster	2	change frozen meter			1			
55 Heath Lane	2	change frozen meter			1			
82 Fifth Street	2	change frozen meter			1			
11 Rochelle	3	investigate low pressure			1			
55 Field Ave	2	investigate low pressure			1			
139 Monroe	3	investigate low pressure			1			
201 Dorsey	2	investigate low pressure			1			
64 Gillander Ave	4	Repair Service Box					1	
17 James Street	5	Repair service box					1	
873 Minot Ave	10	Service leak		1				
51 East Bates	2	investigate high usage, outside silcoo			1			
52 Richardson	2	Frozen pipes, meter			1			
Monthly Totals	17		0	1	13	0	2	1
2022 Monthly Totals	12		0	0	8	0	0	4
YTD Totals	27		1	2	18	0	4	2
2022 YTD Totals	21		0	2	14	0	1	4

METERS

			_				Delin	quent
Activity	Comments	Test/ Repair	Changed	Misc.	Read Hours	Special Reads	Notify	Turn off
Test meters								
Test meters								
Test meters								
Test meters								
Test meters								
Repair MXU.'s.		1						
Meters In/out			3					
Dead								
Frozen								
Deactivate Service								
Activate Service			6					
Temporary Meter								
Turn off & on for repairs				9				
Reading Meters					38.0			
Final Reads	Ownership Transfer					36		
Recheck Readings	High or low reading.					4		
Red Tags	Notify for non-payment.						18	
Turn off for non-payment	(7) reinstated)							9
Monthly Totals		1	9	9	38	40	18	9
2022 Monthly Totals		0	13	2	19	27	24	8
YTD Totals		16	14	13	61	73	39	19
2022 YTD Totals		13	18	10	39	69	47	20

STATION CHECKS

Location	hrs.	Comments
Poland Spring Inn	4	weekly checks
Stable Ridge Booster	4	Weekly checks
Stable Ridge Booster	2	install station flood sensor
Stable Ridge Booster	2	meet with Electrician, generator Hook-up
Monthly Totals	4	
2022 Monthly Totals	3	
YTD Totals	10	
2022 YTD Totals	7	

WATER QUALITY CALLS

Location	Comments	Dirty	Color	Odor	Taste	Misc.
39 Summit	Brown water, on-owner	Ok	COIOI	Ouoi	Taste	WIISC.
19 Greenfield	Water diss-colored, on-owner	ok				
19 Greenileid	Water diss-colored, on-owner	UK				
	_					
Monthly Totals		2	0	0	0	0
2022 Monthly Totals		0	0	0	0	0
				_		3
YTD Totals		2	0	0	0	
2022 YTD Totals		0	0	U	0	0

LABORATORY

	Dist.		Avg.	Avg.	Avg.	Avg.	
	Sys.	Temp (°C)	NaOH	CI	FL	Turb.	SWTR
Month	Tests	Water	gal/MG	mg/l	mg/l	(ntu)	Tests
January	51	2.7	24.90	2.91	0.72	1.05	30
February	44	2.0	24.82	2.88	0.69	0.67	28
March							
April							
May							
June							
July							
August							
September							
October							
November							
December							
YTD Avg	48		24.86	2.90	0.71	0.86	
2022 Avg	46		26.90	2.98	0.74	0.37	
YTD Totals	95						58
2022 YTD	91						59

LAKE AUBURN

		Withdrawals *					Elevations **					
Month	No. Patrols	AWD	LWD	Total	1st	High	Yr.	Low	Yr.	2021		
January	8	2.08	3.43	5.51	264.41	264.41	2023	257.20	2001	260.92		
February	6	2.14	3.42	5.56	261.43	261.70	1996	257.10	2002	260.86		
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
Avg. Monthly	7	2.11	3.43	5.54			A۱	WD	L۱	ND		
					Feb	ruary	3	8%	6	2%		
YTD Totals	14	4.22	6.85	11.07	2023 YTD Avg.		38%		62%			
2022 YTD Totals	22	4.72	6.95	11.67			40%		60%			

^{*} Average Daily Withdrawals MGD ** Elevation Above Sea Level

WEATHER*

Month		Precip	itation			Tempe	rature	
	Snowfall(in.)	Total (in.)	Normal Precip.	Days of Precip.	Max (°F)	۷ Min (°F)	Avg- (°F)	Dep. From norm
January	25.0	4.28			52	7	30	
February	20.0	1.16		8	55	-17	25	
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								
YTD Totals	45.0	5.4	0.0	8.0				
2022 Totals	2.2	1.9						

DIG SAFE

Month	Total	Contractors	МБОТ	АНБ	School Dept.	Lewiston Water	Consolidated comm.	AWD	CMP	ASD	GAS	МТА
January	204	190	0	0	0	0	0	6	5	0	2	1
February	68	28	0	0	0	0	0	4	31	0	5	0
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
YTD Totals	272	218	0	0	0	0	0	10	36	0	7	1
2022 Totals	129	82	1	0	1	0	0	16	17	0	12	0

DUTY FOREMAN CALLS (Overtime)

Districts	Total	High/Low Pressure	Water Quality	Alarms	Service Issue	Leak	Misc.	Locates	Hydrants	Meter	Fire Calls
Sewerage District	6			0	5	0	1	0	0	0	0
Water District	18	0	0	0	15	2	0	0	1	0	0
Monthly Totals	24	0	0	0	20	2	1	0	1	0	0
2022 Monthly Totals	11	0	0	0	6	3	0	1	0	0	1
YTD Totals	6	0	0	0	1	3	0	1	1	0	0
2022 YTD Totals	23	0	0	0	13	6	1	2	0	0	1

OTHER ACTIVITIES

- 1. UV Plant turbidity meter replacement
- 2. Snow removal 2/1, 2/8, 2/23, 2/24
- 3. changed brushes on sweeper
- 4. Worked on excavator bucket
- 5. Work on signs and barricades
- 6. clean and re-build chainsaws
- 7. Plow out NORTH Auburn Dam
- 8.
- 9.
- 10.
- 11.
- 12.

Skelton Taintor &Abbott

ATTORNEYS AT LAW

March 15, 2023

VIA E-MAIL & U.S. MAIL

Kendall A. Ricker, Esq. Boothby, Silver & Ricker, LLC P.O. Box 216 Turner, ME 04282

RE: Stable Ridge Apartments Booster Pump Station

Dear Kendall:

As you know, I represent the Auburn Water District (AWD). I trust that you are still representing Stable Ridge Apartments, LLC (SRA) with regard to the Booster Station Project at 555 Court Street, Auburn (the Project). If you are no longer representing SRA, please let me know so I can communicate directly with Ms. Klimek.

I write pursuant to Paragraph 7(b) of the January 13, 2023 Water Main Extension Agreement (the Agreement). As you know, Paragraph 7(b) addresses SRA's responsibility to perform the Additional Work identified on Exhibit D of the Agreement, within the time lines provided. Unfortunately, as of the date of this correspondence, there are several items of work that have not been completed. Pursuant to Paragraph 7(b) of the Agreement, AWD demands that your client complete all remaining work within seven (7) days. Pursuant to the Agreement, after the seven (7) days have expired, AWD may perform any remaining work and bill the costs for the same back to your client, with a 10% mark-up. With that being offered, my client would prefer to work with your client and its agents to address the remaining work, with the cooperation of SRA and its contractors and agents being necessary.

The following items of Additional Work and related issues were to have been completed within (7) days of execution of the Agreement. The status of this Additional Work is as follows:

• The owner's representative Scott Miller, advised AWD on January 12, 2023 that the discharge station pressure set point should be set at 106 psi. AWD made the requested adjustment on January 13, 2023. On March 2, 2023, AWD was notified by SRA that it had experienced several water leaks that have been attributed to high water pressure within the buildings of the Development. On March 10th, AWD offered to make any requested adjustments to the water pressure that might be requested by SRA. AWD has not received any request for changes to the pressure set point. AWD will not be responsible for internal failures caused by high pressure. If the pressure is too high, and adjustment to the pressure point cannot be made

due to the height of the buildings or any other reason, SRA may need to install regulators within the buildings.

- AWD requested properly engineered controls to prevent the high flow pump from pumping over its efficiency curve and causing damage to the pump. On January 12, 2023, AWD was advised to program the VFD to limit discharge flow to 150% of the design rate of 1200gpm. On January 13th, AWD reported that the VFD could not be programed to limit flow without making adjustments to the PLC. AWD does not have the ability to address this issue because the PLC programming is proprietary and we have not been given the appropriate permissions. At this time this issue has not been addressed, and SRA's design engineer needs to provide additional guidance.
- AWD has not yet received PLC backups and passwords necessary to maintain the system. This has not been completed, and AWD will not be responsible for these costs.
- The data transfer from the PLC to SCADA was not addressed by SRA. AWD's electrician has addressed this issue.

The following items were to be addressed by SRA within thirty (30) days of execution of the Agreement. The status of these items is as follows:

- SRA was required to provide a spare pressure transducer, as this was a recommendation of the pump manufacturer. AWD completed this task and installed the redundant pressure sensor.
- The power generator installation and start-up was completed. The generator was started-up on Monday, March 13th. Although the start-up went well, AWD discovered that the generator is not capable of communicating with AWD's SCADA system without an additional control board. This means if the power is out and the generator fails to start AWD will not receive the appropriate alarms to respond. On March 14th, AWD notified SRA of this issue and requested that SRA order the control board from its supplier.
- A proper walkway for access to the booster station has not yet been constructed. A walkway is roughed-in but the curbing has not been removed and a more stable aggregate that drains exterior water away from the door should be installed. The existing condition poses a liability issue for AWD employees who may slip, trip, or fall upon ingress or egress from the building.
- Your client was to install a building temperature sensor with alarm capability. AWD completed this task.

I kindly ask that you please address the outstanding issues with SRA and let me know when they plan to finally complete the remaining Additional Work, and otherwise address the issues requiring SRA's attention.

Please be advised that AWD converted the building locks to a standardized lock system that is used at all Booster Stations maintained by AWD. This was done for the safety of water consumers. If your client needs access at any time for purposes relating to the Additional Work or related reasons, they should contact Mike Broadbent and he will gladly make arrangements for SRA's access.

As SRA is aware, AWD has incurred legal fees associated with the initial installation of the Project, and pursuant to Paragraph 8(a) of the Agreement, it will be presenting an invoice for its reasonable legal fees to SRA upon completion of the Project and final ownership transfer to AWD. To date, the Project is not completed, and AWD is continuing to incur legal fees.

Also, AWD has not received draft ownership transfer documents to review. After the Additional Work is completed, this can be further addressed, but the details of final ownership transfer paperwork remain to be addressed. If you would like to present draft documents in this regard, I will be happy to review them in advance of final transfer upon completion of the Project.

Finally, it seems appropriate that gas service and electrical services should be transferred to AWD and my client would like to work with your client on the details and timing of that.

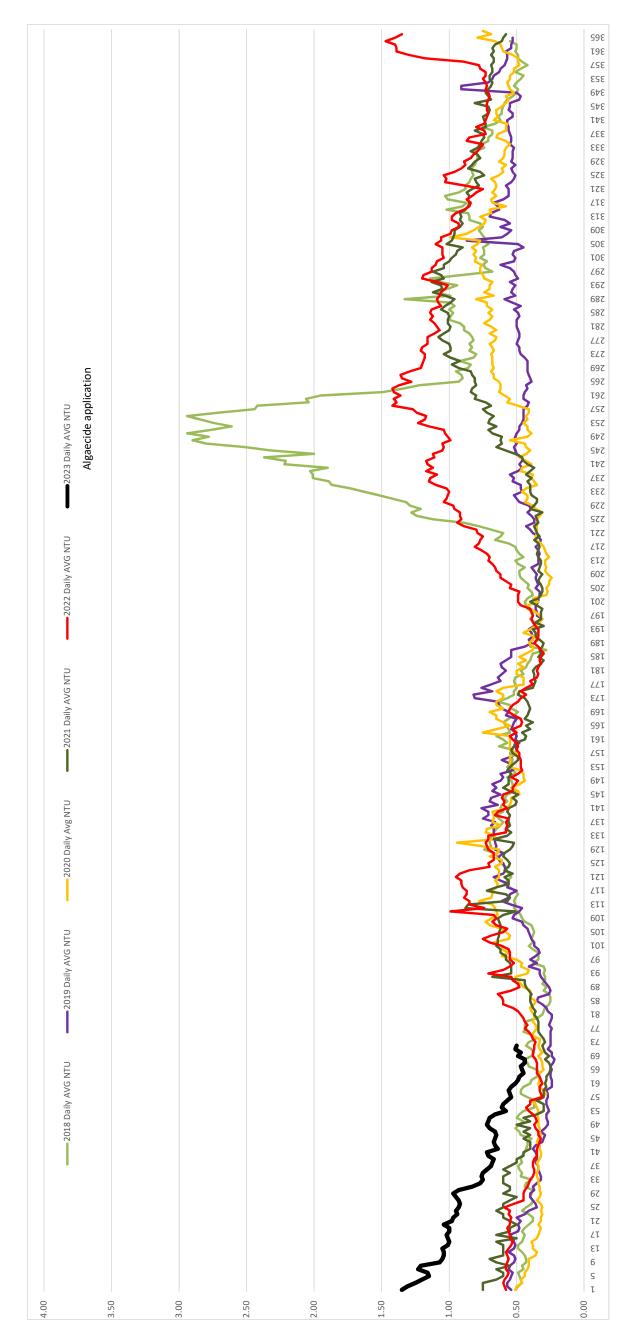
Clearly there are outstanding issues that still need to be addressed under the Agreement, and AWD wants to work with SRA to resolve these remaining issues. Some of the Additional Work that was to be performed by your client has already been directly performed by AWD. If you could please talk with your client and get back to me about their intentions and timelines for addressing the issues raised in this correspondence, that will be appreciated. The Project is certainly nearing completion, but if we can get the outstanding items taken care of, we hope that things can be wrapped-up smoothly for everyone's benefit.

I look forward to hearing from you and will be happy to discuss all of this with you in the near future.

James F. Pross

erv sincerely

Cc: Michael Broadbent, Superintendent



Water Resource Services Inc. 144 Crane Hill Road Wilbraham, MA 01095 kjwagner@charter.net 413-219-8071



February 28, 2023

Mr. Kevin Gagne Deputy Director Lewiston Public Works Department 103 Adams Avenue, Lewiston, ME 04240

Dear Mr. Gagne:

Water Resource Services (WRS) is pleased to offer services relating to the management of raw water quality in or entering Lake Auburn for the City of Lewiston. The fundamental issue facing the City with respect to Lake Auburn is ongoing and increasing inputs from the watershed. Without complete control of the watershed and its land uses, the threat of undesirable inputs grows with population and the long-term health of the lake and water supply is at risk. Various efforts are underway to manage the watershed, but from past experience there is already enough development and agriculture to cause at least occasional water quality problems in the lake. These include low oxygen over a variable area of the bottom and portion of the water column, generation of elevated concentrations of algae, and increased turbidity. With limited treatment options, maintaining a high quality of raw water is imperative. From our discussion of current issues and projected needs, the following scope of services is suggested.

- 1. Review existing in-lake data that include oxygen, phosphorus concentration, algae, water clarity, and conductivity for trends over time and consider the influence of past in-lake management actions (e.g., aluminum treatment), precipitation pattern, and temperature. This would include in-lake and tributary data, with estimation of flow for tributaries allowing quantification of inputs from each. The intent is to quantify changes over time, establish relative magnitude of sources, and look for drivers that might be subject to control.
- 2. Evaluate the overall phosphorus load to Lake Auburn through available data and the Lake Loading and Response Model (LLRM). We understand that FBE has created a version of this model for their work examining the influence of possible ordinances, and we can limit cost if that model is made available. We need to know the range of projected loads for key inputs, which would include major tributary drainage areas, direct drainage, any permitted discharges, atmospheric inputs, groundwater load, wildlife inputs, and internal load. This loading analysis is needed to compare results from possible management scenarios.
- 3. Evaluate any part of the watershed believed to generate a significant portion of the total phosphorus load to Lake Auburn for sources and potential for source control and pollutant trapping. FBE has provided an assessment of the likely result of proposed ordinances, but we are not aware of any evaluation of actual sources on a parcel by parcel basis or consideration of the potential for load reduction by a suite of watershed management techniques. Comparison of the potential load reduction from existing and projected future watershed loading scenarios to the target threshold will reveal whether or not the target phosphorus load is achievable through watershed management.



4. Evaluate options for water quality control at or near significant input points to Lake Auburn. There are multiple "end of pipe" methods for improving water quality, including various detention, filtration, wetland, and chemical treatments, any of which could be applicable. Of primary interest here is the potential to establish a phosphorus inactivation dosing station on one or more tributaries or major storm water drainage systems. Addition of aluminum could greatly reduce available phosphorus entering the lake, would also impact suspended solids (and associated turbidity), and could be focused on storms or specific times of the year as warranted to achieve the desired load. We know that in-lake aluminum addition can provide temporary control of phosphorus availability and internal loading, but focusing on input points could be more effective and less expensive.

This process is analogous to figuring out how to best repair a leaky boat. We know that leaks (in this case mostly inputs from the watershed) are causing the boat to take on water (phosphorus, algae, turbidity in the lake). We know how to bail out the boat (algaecides and phosphorus inactivation that have been used, oxygenation and dredging which have not been applied) to keep it afloat, but recognize that ultimately the leaks have to be patched. Just how we go about reducing those leaks is subject to practical limitations and cost, and understanding the options, related benefits and constraints, and associated costs, will inform sound decisions.

The cost of this effort is largely dependent on data availability and labor to work with those data, evaluate the watershed, review modeling, and set up comparisons of existing vs potential future scenarios for management. Working with Ecological Instincts, we can provide these services. My best estimate of related costs is as follows:

Task #	Description	Cost (\$)
1	Data review	7200
2	P load from LLRM	3700
3	Watershed evaluation	21500
4	Inflow treatment options	7500
5	Meetings and reports	7200
	Total	47100

Contact me with questions or to discuss moving forward.

Sincerely yours,

Lameth & Wagn

Kenneth J. Wagner, Ph.D., CLM Water Resources Manager, WRS Inc.



Lake Auburn Watershed Protection Commission

Auburn Water District 268 Court St. Auburn, Me 04210

March 3, 2023

Trustees of the Auburn Water District,

This letter is addressed to you on behalf of the Commissioners of the Lake Auburn Watershed Protection Commission. This Commission was formed in 1993 with the principal purpose to maintain safe and healthful environmental conditions within the Lake Auburn Watershed, to prevent and control water pollution, and to protect and maintain the present quality and volume of potable water supplied from the Lake Auburn Watershed. In fulfilment of this purpose, Commissioners began reviewing changes being proposed by the City of Auburn to regulations within the Lake Auburn watershed last year. This process included conducting a peer review of the environmental studies being used by the City of Auburn in drafting new regulations, consultation with environmental engineers, and discussion at LAWPC meetings to assess the outcomes of these review processes.

Through this review process, Commissioners have concluded that additional regulation should be considered to maintain safe and healthful environmental conditions within the Lake Auburn Watershed, to prevent and control water pollution, and to protect and maintain the present quality and volume of potable water supplied from the Lake Auburn Watershed.

Commissioners reviewed the following documents in developing their recommendations regarding changes to regulations within the Lake Auburn Watershed:

- A Regulatory, Environmental, and Economic Analysis of Water Supply Protection in Auburn, Maine prepared by FB Environmental Associates, Horsely Witten Group and the University of Maine, dated October 2021.
- Lake Auburn Model Technical Memorandum addressed to Eric Cousens, City of Auburn, prepared by Laura Diemer, FB Environmental Associates, dated August 1, 2022.
- Watershed Delineation Rezoning Review Gravel Pit Parcel Lake Auburn Watershed
 Protection Commission prepared by Robert H. Fitzgerald and Anne E. Malenfant, CDM Smith,
 dated June 22, 2022, and revised October 5, 2022.
- Peer Review of FB Environmental Associates A Regulatory, Environmental, and Economic
 Analysis of Water Supply Protection in Auburn, Maine dated October 2021 and the
 supplemental Lake Auburn Model Technical Memorandum dated August 1, 2022 prepared by

Rebecca Balke and Eileen Pannetier, Comprehensive Environmental Inc, dated December 5, 2022.

During their January 10, 2023 meeting, Commissions voted to adopt the following recommendation:

The Commissioners of LAWPC recommend that the Trustees of the Auburn Water District develop rules and policies within the watershed of Lake Auburn in order to implement the following regulatory recommendations:

Specific to Auburn

- Moratorium on siting of septic systems within a 400 foot buffer around Lake Auburn.
- Moratorium on new development within the boundaries of the AGRP zone within Auburn.
- Alum treatments be scheduled as needed based on regular monitoring rather than on a predetermined schedule.
- Any future development, based on changes to the watershed boundary on the Gracelawn Rd property, is required to monitor surface and ground water to ensure that water does not flow into the watershed.

Specific to the Entire Watershed

- A system of oversight for the installation of any new mounded wastewater systems be created and implemented to ensure proper installation. This system should include inspection prior to installation, prior to covering, and after final installation.
- An inspection schedule be developed and implemented for current septic systems.
- Ensure there is a responsible entity for the purpose of monitoring septic systems.
- Require using the most stringent standards for new septic systems, as set forth in the Maine Subsurface Disposal Rules chapter 241.
- Failing systems be replaced using the updated standards required for new installations.
- Create requirements for the replacement of older septic systems upon transfer of real estate within the watershed.
- Low Impact Development (LID) standards be implemented.
- Identify areas to be conserved in the upper watershed.
- Prohibit large scale disbursement of organic and synthetic fertilizers.

Respectfully Submitted,

Camille Parrish, Chair

Lake Auburn Watershed Protection Commission

Rick LaChapelle, vice Chair

Lake Auburn Watershed Protection Commission

Janet T. Mills Governor

Jeanne M. Lambrew, Ph.D. Commissioner



Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (207) 287-8016; Fax (207) 287-9058
TTY: Dial 711 (Maine Relay)

February 22, 2023

Kevin Gagne, PE City of Lewiston Public Works Deputy Director of Utilities 103 Adams Avenue Lewiston. ME 04240

Subject: Lake Auburn Watershed Delineation on Gracelawn Parcel, Auburn, ME

Dear Deputy Director Gagne:

Thank you for your assistance to Alex Pugh and myself on December 12, 2022, during our site visit of the Lake Auburn source water protection area on and in the vicinity of the Gracelawn Parcel (Parcel) in Auburn, Maine. The site visit was performed in response to your November 15, 2022, letter requesting that the Maine CDC Drinking Water Program (DWP) identify and map the Lake Auburn source water protection area on this Parcel. Your letter cited past hydrogeologic studies, to suggest that at least part of the Parcel may be outside the boundary of the Lake Auburn source water protection area, although there is no agreement among these studies as to the precise location of the actual boundary.

Source water protection areas in Maine, including the Lake Auburn source water protection area, were identified and mapped by the DWP as part of the Maine Source Water Assessment Program (SWAP) required under the 1996 Amendments to the Federal Safe Drinking Water Act (SDWA). The DWP completed the source water protection area delineations in 2003, in accordance with the SDWA. Subsequent to this work, the DWP has reviewed proposed revisions to source water protection areas submitted to the DWP by public water systems affiliated with these drinking water sources. The DWP revises source water protection areas in response to such proposals, when sufficient information is submitted to support the proposed modification.

In the case of the Lake Auburn source water protection area on and in the vicinity of the Parcel, the DWP agrees that the existing delineation may warrant further investigation. We further agree with the October 5, 2022, CDM Smith report conclusion that more information is needed to definitively identify the source water protection area boundary in this location.

An August 12, 1993 letter to Mr. Ronald P. Lebel, Esq. of the City of Lewiston from Chris Ryan of the United States Environmental Protection Agency Region 1 (USEPA R1) and David Breau of the DWP informed Mr. Lebel that the EPA R1 and the DWP jointly approved the separate exemptions to filtration for the City of Lewiston (Lewiston) and the Auburn Water District (Auburn) for Lake Auburn. This approval was predicated, in part, on the enclosed Interlocal Cooperation Agreement (Agreement) between Lewiston and Auburn and the understanding that both public water systems would work to preserve their respective waivers. This Agreement is a critical component of the Lewiston and Auburn filtration exemptions, because it represents a commitment by the two public water systems to work jointly toward the protection of the Lake Auburn drinking water source.

The DWP is requesting a joint proposal from Lewiston Water Department and Auburn Water District, in order to resolve any discrepancies between the earlier reports and fill in any gaps in the current data. It is important for both public water systems to work and collaborate together, in order to maintain their respective waivers. Please contact me regarding the details of any future joint submittal.

As we noted in a previous communication to the City of Auburn, the DWP will always advocate for the most protective watershed practices attainable. This position holds particular importance when a filtration waiver is in place.

Thank you for your good work in providing safe drinking water.

Sincerely,

Susan Breau, LG

Hydrogeologist, Water Resources Team Leader Maine CDC Drinking Water Program

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Susan 7. Brean

cc Auburn Water District
Lake Auburn Watershed Protection Commission
City of Auburn
EPA Region 1
ec DWP file

Enclosure

Janet T. Mills Governor



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Jeanne M. Lambrew, Ph.D. Commissioner

Chris Curtis
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City of Lewiston, Water Division
268 Court Street, PO Box 414
Auburn, ME 04210

March 3, 2023

Subject: 2022 Annual On-Site Inspection of Auburn Water District (PWSID# ME0090070) & Lewiston Water & Sewer Division (ME0090830) Watershed Control Program and Disinfection Process

Dear Mr. Curtis:

Thank you for the assistance you, Erica Kidd, and Kevin Gagne provided in conducting the annual onsite watershed control program and disinfection process inspection (Inspection) with Maine CDC Drinking Water Program (DWP) Chief Engineer, Bill Dawson, and myself, on October 5, 2022. This Inspection is conducted annually by the DWP as required for public water systems with a waiver from the filtration requirements (Waiver) of the Federal Surface Water Treatment Rule (SWTR). The Auburn Water District (AWD) and the Lewiston Water Department (LWD) draw drinking water from Lake Auburn. The DWP granted separate Waivers to AWD and LWD for Lake Auburn in December of 1991 (attached). The Waivers were granted with the following conditions:

- The construction and operation of a disinfection facility;
- Water quality monitoring and watershed control activities as described in the filtration avoidance application;
- The extension of the intake to deeper waters; and
- Implementation of the "Modified Restricted Area" around the intake as proposed.

Along with the above conditions, the Waivers were granted with caution expressed relative to the water quality criteria necessary to maintain the Waivers.

The Inspection was conducted in accordance with 40 CFR Part 141.71, *Criteria for Avoiding Filtration*, which requires a seven-step process. Our findings from the Inspection follow.

1. A review of the effectiveness of the watershed control program.

Lake Auburn is the drinking water supply for the AWD and the LWD. The Lake Auburn watershed is approximately 9,650 acres and extends from Auburn into Turner, Minot, Hebron, and Buckfield. On June 29, 1993, the AWD, the City of Lewiston, and the inhabitants of the Town of Turner entered into an *Interlocal Cooperation Agreement for Lake Auburn Watershed Protection* (Agreement), attached. The stated purpose of the Agreement is: "...for the purpose of cooperating for the purpose of assuring the protection and control of the Watershed of Lake Auburn". This Agreement created the Lake Auburn Watershed Protection Commission (LAWPC), with purposes including the protection and maintenance of "the present quality and volume of potable water supplied from the Lake Auburn Watershed". The Agreement was offered in concept in the joint application for a Waiver and was a requirement of the AWD and LWD Waiver approvals. The Agreement is necessary to help prevent and manage potential contaminant sources in the Lake Auburn Watershed.

For many years the LAWPC, AWD and LWD have collaborated to prevent and control potential contaminant sources in the Lake Auburn watershed. LAWPC administers the watershed control program, which includes developing watershed protection strategies and educational outreach materials/events, water resource

studies, land acquisition, conservation easements, and water quality monitoring. LAWPC's *By-Laws for the Protection of Lake Auburn* (adopted August 27, 1991) aim to control the impact caused by adjacent development and recreational water surface uses. The By-Laws reference the Lake Auburn Watershed Overlay District, which regulates activities including farming, sludge disposal, erosion control, subsurface wastewater disposal, and zoning density (building setbacks). AWD staff conduct field inspections and closely monitor septic system performance on lakefront properties. LWD contracts with USDA Wildlife Services for wildlife management within the watershed. During the Inspection, recent challenges with the watershed control program were discussed.

DWP Observations and Identification of Improvements:

Based on discussions during the Inspection and other communications with staff from AWD, LWD, and the City of Auburn in the past year, the DWP understands that there may be challenges to the parties' current ability to cooperate and meet the terms of the Agreement. This Agreement is a critical component of the Lewiston and Auburn Waivers because it represents a commitment by the two public water systems to work jointly toward the protection of the Lake Auburn drinking water source.

Because the Waivers were granted with caution expressed relative to Lake Auburn water quality, the DWP will more closely evaluate relevant raw water quality data as part of the annual review of the watershed control program going forward. For these reasons, the following information should be included in the next Watershed Control Program Report for Lake Auburn, due from AWD and LWD to the DWP by October 10, 2023:

- A description of any recent (in the past 3 years) or planned changes to the Lake Auburn Watershed Overlay District, including any jointly requested changes to the Lake Auburn watershed boundary;
- Affirmation that the Agreement to cooperate "for the purpose of assuring the protection and control of the Watershed of Lake Auburn" is being followed;
- Water quality data including time series graphs, going back to 1991 if possible, for pertinent raw water parameters; and
- Any other pertinent information not requested above regarding the status of the Agreement and/or the ability of the currently bound parties to meet the Agreement.

2. A review of the physical condition and protection of the source water intake.

The water intake is in the southeast portion of the lake, where access to the lake and shoreland is highly restricted. The primary intake is 48 inches in diameter and has a wedge wire screen on the end. It extends 900 feet out into the lake and is approximately 17 feet deep. The adjacent backup intake is 36 inches in diameter. The lake bottom at the intake is 30 feet deep. The intake pipe is equipped with an in-line screen, located at the entry point into the clear well building. The intake is inspected semi-annually; the last inspection was in August of 2022. The intake was last cleaned in December of 2014. Screens and the wet well are inspected daily while the intake is checked once a week. Signs and buoys are positioned on the shore and in the lake to provide notice to the public about the restrictions around the intake.

Cameras installed at the plant and boat launch provide continuous security. Cameras are activated with motion sensors and take screen shots. There is no active alarm for the building or property. The AWD has a good working relationship with the Auburn Police Department. The Auburn Police perform checks on AWD facilities for suspected trespassing and other issues.

<u>DWP Observations and Identification of Improvements:</u> The physical condition and protection of the source water intake are adequate. There is no indication of needed improvements.

3. A review of the system's equipment maintenance program to ensure there is low probability for failure of the disinfection process.

The disinfection system is in excellent working order. A SCADA system is in place to alert operators via cell phone and will automatically shut down in the event of low disinfectant levels. Redundancy and availability

of spare parts help ensure continuity of the disinfection process. The operators are required to meet certain certification standards and are trained when new equipment is brought on-line. A large electric generator can power the treatment facility in the event of an electrical outage and is routinely tested under load.

<u>DWP Observations and Identification of Improvements:</u> Critical redundancies are in place, and the treatment equipment and facility are clean and well maintained. The equipment maintenance program is per manufacturer recommendations and is documented in Standard Operating Procedures (SOPs). There is no indication of needed improvements.

4. An inspection of the physical condition of the disinfection equipment.

The disinfection equipment for UV, sodium hypochlorite, and chloramines are in good condition. Labels clearly indicate each line, flow direction, and chemicals added. The equipment is secure from vandalism.

<u>DWP Observations and Identification of Improvements:</u> The disinfection equipment is in good working order and excellent condition with no visible signs of wear. There is no indication of needed improvements.

5. A review of operating procedures.

Water from the intake flows into a screened wet well, then to the UV strainers via low lift pumps. One of three Calgon UV reactors is used for disinfection. Post UV, the water is injected with carbon dioxide for pH adjustment and sodium hypochlorite for disinfection. Water moves from treatment into a clear well. Separate water mains leave the clear well for each system. Water is gravity fed to Lewiston and pumped to Auburn. Prior to leaving the treatment plant, each line is treated with an orthophosphate blend for corrosion control, hydrofluosilicic acid for fluoridation, and sodium hypochlorite for disinfection. Post treatment, both lines are treated with ammonia and sodium hypochlorite to form chloramines to further aid in disinfection before entering the respective distribution systems. The treatment plants are generally unmanned. Operators are on call 24 hours per day and on site when equipment maintenance, calibration or installation occurs. SCADA contacts operators in the event of system problems and allows for remote shutdown.

<u>DWP Observations and Identification of Improvements:</u> Operating procedures appear to be working well for the AWD & LWD. There is no indication of needed improvements.

6. A review of records to ensure that all required tests are being conducted and recorded and that disinfection is effectively practiced.

UV is operated within validated conditions and disinfection requirements are being met. All the required water quality testing is being conducted and the water going out to consumers meets drinking water standards. High turbidity events within the last year are likely a result of wind/rain events occurring and the relative shallowness of the intake. The turbidity could be sediment or oxygenated water.

<u>DWP Observations and Identification of Improvements:</u> Monthly monitoring reports presented to the DWP indicate that the disinfection process is effective. There is no indication of needed improvements.

7. Identification of any improvements that are needed in the equipment, system maintenance, or data collection.

Please see the bulleted items at the end of Section 1 above for required additions to the 2023 Watershed Control Program Report for Lake Auburn.

The AWD and LWD watershed control program has helped support the provision of safe drinking water from Lake Auburn since the issuance of the Waivers in 1991. The DWP has identified that 1) more information is needed to ensure that the Agreement is currently being honored, and 2) additional raw water quality data should be submitted to the DWP by AWD and LWD as part of the annual Watershed Control Program Report for Lake Auburn going forward. The bulleted items at the end of Section 1 above offer more detail on these two items.

Feel free to contact us regarding this or any other matter. And thank you for your good work in providing safe drinking water.

Sincerely,

William Dawson, PE Chief Engineer Maine CDC Drinking Water Program

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Hydrogeologist Maine CDC Drinking Water Program

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ec: Denise Douin, DWP

DWP file