

# Edward Farrar Utility District Commissions Meeting

Wednesday, January 18, ~~2023~~ 2024  
4:30pm in the Steele Community Room

Attendance: P.H. "Skip" Flanders, Cindy Parks, Natalie Sherman, Mark Alberghini, Bob Finucane  
Staff: Tom Leitz, Bill Woodruff, Kia Winchell Nealy  
Public Attendance: Tom Gloor

Natie Sherman made a motion to begin the Edward Farrar Utility District meeting at 4:32pm. Cindy Parks seconded the motion.

Skip Flanders – board chairman – began the meeting by welcoming Tom Gloor to the meeting and asked if he had any concerns. Gloor asked about property owners re-painting fire hydrants ... to which Bill Woodruff – public works director – responded. Gloor also asked about storm water mitigation. Tom Leitz – town manager – spoke about creating a list of projects that need attention, grants, the water treatment plant and lagoons ... along with the cost estimate for various projects.

A brief discussion was had about making the EFUD meetings available on Zoom. Flanders suggested if meetings are held in the Steele Community Room, EFUD will offer Zoom as a way to attend. Leitz mentioned he is working with Bob Butler on using a fixed camera instead of the Owl.

## **December 18, 2023 Flood**

Bill Woodruff reports the town fared well ... and there were no lasting impacts. Woodruff did mention Matt Jones - head of the waste water department – has concerns about the sewer basins but then reminded us the state of Vermont has suggested a quarter of a million dollars worth of repairs. He believes many of these repairs are not necessary in the short term.

## **Property for Purchase**

Bill Woodruff recently met with Dwight Fisk about an 8-acre piece of land in Waterbury Center that is available to purchase. Fisk declined a \$5,000 offer made by the town ... and thought \$10,000 was more appropriate.

Bob Finucane, made the motion we offer Mr. Fisk \$10,000 for the property. Mark Alberghini seconded the motion. A vote was called for and passed unanimously.

## **Worcester Range Management Plan**

Cindy Parks discussed two meetings recently held in Worcester and Stowe. The Worcester Range consists of 19,000 acres that runs the spine of the Worcester Range. The range includes two state forests and wildlife management areas, along with a critical ecological system. There is a need for more parking at Mount Hunger. There are concerns for the growing number of social trails and the role of the Edward Farrar Utility District.

Cindy Parks proposed drafting comments from EFUD and offered to send out a link to the project and their report.

## **2024 Budgets and Water & Sewer Rates**

Tom Leitz presented a spreadsheet indicating revenue and expenses for both the water and sewer department, which required a 6.5% increase in water rates and a 10% increase in sewer rates. He noted the best time to make the change is before the next billing cycle because we would maximize our revenue.

### **Highlights from the water spreadsheet**

- \* \$170,000 roof project
- \* Grant McCracken, the department's last hire, is proposed to become a full time EFUD employee. Leitz proposed 1/3 of McCracken's pay come from the town, 1/3 from the water department, and 1/3 from the sewer department.
- \* Reduction in equipment and instrumentation costs as the 2023 SCADA upgrade has been completed.

Tom Leitz mentioned he has spoken with advisors from Edward Jones about the water reserve funds that were invested. They report we have a substantial amount of money in reserve. We started 2023 with \$865,000 and now have \$973,000 invested.

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On the sewer side of the budget, Lietz says we undershot the 2023 budget on the revenue side. But are not unreasonably off.

### **Highlights from the sewer spreadsheet**

- \* \$80,000 for collection maintenance.
  - \* We want to repair three catch basins on Union Street, prior to repaving the street in 2024.
  - \* A contribution to fund balance contingency. Lietz would like to build the sewer fund up as its current position is negative
  - \* Edward Jones statements indicate \$416,000 that is an EFUD capital reserve can be used for either water or sewer.
- \$177,000 is the amount of UDAG funds that are invested.

All-in-all our water funds are healthy. The sewer fund is less healthy.

Bob Finucane made the motion to raise the water rates by 6.5%, and sewer rates by 10% - as the town manager had proposed earlier. Mark Alberghini seconded the motion. A vote was taken and it passed unanimously.

### **Department Reports**

Bill Woodruff quickly summarized both the Water and Waste Water Department reports.

### **December 2023 Minutes of the Meeting**

Skip Flanders noted he had made an earlier request of Kia Nealy to correct the location of a walking path. In December's minutes it is stated the walking path is on property *owned* by George Woodard. That is incorrect; Woodard does NOT own the property. It is on property Woodward *grazes* his cows. Bob Finucane made the motion to approve the minutes from the last meeting - with the correction. Cindy Parks seconded the motion. A vote was taken and passed unanimously.

At approximately 6:00pm, Bob Finucane made a motion to adjourn the Edward Farrar Utility District meeting. Natalie Sherman seconded the motion. A vote was taken and passed unanimously.

**Kia Nealy**

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**From:** cynthia parks <cynthiap299@gmail.com>  
**Sent:** Thursday, January 18, 2024 7:07 PM  
**To:** Skip F.; Bob Finucane; Natalie Sherman; gmsatellite2003@gmail.com; Kia Nealy; Bill Woodruff; Thomas Leitz  
**Subject:** Worcester Range Management Unit Draft Long Range Management Plan, December 2023

Hello-

Should you want to review the 285-page Worcester Range Management Unit Draft Long Range Management Plan currently open for Public Comment, please follow the link <https://fpr.vermont.gov/worcester-range-management-unit> to the Draft Plan or the associated Story Map (<https://storymaps.arcgis.com/stories/94206de25ee74af3b635e3b03eaf2caf>), which summarizes the 285 page document in 30 minutes of slides, photos, and maps. Make sure to allow adequate time for the Story Map to upload to your computer before scrolling through it.

Let me know if you have any questions.

Thanks,

Cindy Parks  
[cynthiap299@gmail.com](mailto:cynthiap299@gmail.com)

Sewer Department 2024 Budget									
Account	2021 Actual	2022 Actual	2023 Budget	2023 Actual	% of Budget	2024 Proposed	Change from 2023	% Change from 2023	Notes
22-6-00-2-001.00 From Water Dept.			0				0	-	
22-6-00-2-002.00 FROM TOWN HWY DEPT	1,115	1,140	199				-	NA	
22-6-00-2-003.00 GAS TAX REFUND	219	138					(199)	NA	
22-6-00-2-020.03 SW REVENUE							-	NA	
22-6-00-2-011.02 Solar Lease		2,000	2,000	2,956	147.8%	2,000	-	0.0%	
22-6-00-2-020.05 Transfer In ARPA				150,000	NA		0	0.0%	
22-6-00-3-001.00 SEWER RENT BILLING	740,283	768,862	916,214	868,294	94.8%	980,188	73,974	8.5%	Requires 1.0% rate increase
22-6-00-3-002.00 SEWER RENT INTEREST	-	-	2,800	4,751	169.7%	4,500	1,700	35.8%	
22-6-00-3-003.00 SEWER PENALTY	1,393	1,611	4,400	4,488	102.0%	4,500	100	2.2%	
22-6-00-9-003.00 SPECIAL PROJECT INCOME				-			-	NA	
22-6-00-7-001.00 SEWER OPERATIONS REVENUE	9,512	7,115	5,000	7,426	148.5%	5,000	-	0.0%	
22-6-00-7-002.00 Sale of Equipment						20,000	20,000	NA	Sale of truck after new purchase completed
22-6-00-8-003.00 LOAN PROCEEDS			115,000	(3,551)	0.0%	-	(115,000)	NA	
22-6-00-9-001.00 INTEREST	2,040	1,129	1,200	4,061	-295.9%	-	(1,200)	33.8%	
22-6-00-9-001.01 SECURITIES GAINS/LOSS	11,626	(8,440)	-	566	NA	-	-	0.0%	
22-6-00-9-021.01 INSURANCE PROCEEDS				566	NA	-	-	0.0%	
<b>Total Revenue</b>	<b>766,188</b>	<b>775,555</b>	<b>1,046,813</b>	<b>1,038,991</b>	<b>99.3%</b>	<b>1,026,188</b>	<b>(20,625)</b>	<b>-2.0%</b>	
<b>22-7-32 SEWER DEPT</b>									
22-7-32-1-110.00 SW-Regular Pay	115,172	139,635	150,553	152,765	101.5%	180,403	29,850	19.8%	New position, 1/3 sewer
22-7-32-1-110.01 Flood Appreciation				2,500	NA		-	NA	
22-7-32-1-115.00 SW-Commissioners Pay	3,125	3,125	3,125	3,125	100.0%	3,125	-	0.0%	
22-7-32-1-120.00 SW-Part-time Pay	455	-	10,252	952	9.3%	1,000	(9,252)	-90.2%	Minimal now that staff have more experience.
22-7-32-1-210.00 SW-Ins-Medical	27,853	29,005	21,840	22,505	103.0%	36,250	14,410	66.0%	
22-7-32-1-210.02 SW-Life Disability LTC I	1,005	1,551	1,740	1,332	76.5%	1,332	(408)	-23.5%	
22-7-32-1-220.00 SW-Social Sec	8,661	11,297	12,541	12,244	97.6%	14,116	1,576	12.6%	
22-7-32-1-230.00 SW-Retirement	1,757	8,702	10,162	10,503	103.3%	12,267	2,105	20.7%	
22-7-32-1-250.00 SW-Ins-unemployment	375	271	240	198	82.5%	250	10	4.2%	
22-7-32-1-260.00 SW-Ins-Workers Comp	9,525	6,938	7,000	11,647	166.4%	12,000	5,000	71.4%	
22-7-32-1-290.00 SW-Clothing Allowance	515	777	1,200	1,352	112.6%	2,000	800	66.7%	
22-7-32-2-330.00 SW-Engineering	2,588	8,607	15,000	8,726	58.2%	10,000	(5,000)	-33.3%	
22-7-32-2-330.01 SW-Testing Services/lab	5,693	3,744	11,500	5,727	49.8%	7,000	(4,500)	-39.1%	Reduced based on actuals. No major projects in 2024.
22-7-32-2-333.00 SW-Legal Fees	1,708	1,856	5,000	50	1.0%	2,000	(3,000)	-60.0%	
22-7-32-2-340.01 SW-Clerical Services	465	455	500	353	70.5%	500	-	0.0%	
22-7-32-2-340.01 SW-Profess Service-Other	15,711	15,919	20,000	17,598	88.0%	20,000	-	0.0%	
22-7-32-2-441.00 SW-Railroad Leases	587	776	800	796	99.5%	800	-	0.0%	
22-7-32-2-530.00 SW-Utilities-Tele	6,630	6,594	6,500	7,372	113.4%	7,372	872	13.4%	
22-7-32-2-531.00 SW-Postage	766	1,029	1,100	1,265	115.0%	1,265	165	15.0%	
22-7-32-2-540.00 ADVERTISING	396	791	800	240	30.0%	800	-	0.0%	
22-7-32-2-610.00 SW-Office Supplies	495	952	1,000	385	38.5%	1,000	-	0.0%	
22-7-32-2-611.00 SW-Chemicals	59,186	56,022	75,000	62,067	82.8%	70,000	(5,000)	-6.7%	Chemical increases have been less than feared
22-7-32-2-611.01 SW-Lab Supplies & Maint	5,093	5,676	6,500	3,708	57.0%	5,400	(1,100)	-16.9%	
22-7-32-2-660.00 SW-State Fees	3,800	2,550	2,800	1,870	66.8%	2,800	-	0.0%	
22-7-32-3-411.00 SW-Water	4,053	3,065	4,500	3,685	81.9%	4,000	(500)	-11.1%	
22-7-32-3-424.00 SW-Grounds	3,720	4,520	12,400	768	6.4%	5,200	(7,200)	-58.1%	
22-7-32-3-430.00 SW-Building Maintenance	11,972	15,119	15,000	5,348	35.7%	15,000	-	0.0%	

Sewer Department 2024 Budget									
Account	2021 Actual	2022 Actual	2023 Budget	2023 Actual	% of Budget	2024 Proposed	Change from 2023	% Change from 2023	Notes
22-7-32-3-622.00 SW-Uilities-Elect/Solar	89,322	82,271	83,000	83,769	100.9%	84,250	1,250	1.5%	
22-7-32-3-623.00 SW-Fuel-Propane	1,897	2,226	2,400	979	40.8%	2,200	(200)	-8.3%	
22-7-32-3-624.00 SW-Fuel-Heat	3,258	7,649	8,000	9,160	114.5%	9,600	1,600	20.0%	
22-7-32-3-624.01 SW-Fuel-Equip & Service	768	2,958	3,500	730	20.9%	2,500	(1,000)	-28.6%	
22-7-32-4-432.00 SW-Vehicle Maintenance	1,110	2,962	2,200	1,173	53.3%	1,250	(950)	-43.2%	
22-7-32-4-626.00 SW-Fuel-Gas	2,268	2,109	2,200	2,562	116.4%	2,600	400	18.2%	
22-7-32-4-627.00 SW-Fuel-Diesel	884	-	1,200	1,125	93.8%	1,200	-	0.0%	
22-7-32-5-240.00 SW-Tuition	-	497	1,200	-	0.0%	1,200	-	0.0%	
22-7-32-5-241.00 SW-Dues	960	402	600	1,167	194.5%	1,167	567	94.5%	
22-7-32-5-310.02 SW-Admin Service Fee-Wate	35,965	30,185	35,000	30,185	86.2%	29,880	(5,120)	-14.6%	Payable to water dept.
22-7-32-5-320.00 SW-Training	453	758	600	971	161.8%	1,000	400	66.7%	
22-7-32-5-431.00 SW-Plant & Process Maint	86,173	72,452	100,000	116,880	116.9%	100,000	-	0.0%	Suspect this figure will always be high. Includes sludge removal.
22-7-32-5-431.01 SW-Equipment Maintenance	1,840	251	1,200	261	21.8%	1,200	-	0.0%	
22-7-32-5-460.00 SW-Collection Sys Maint	66,785	59,148	75,000	43,140	57.5%	80,000	5,000	6.7%	Address infiltration issues.
22-7-32-5-460.01 SW-Coil Sys Emerg Rpt/Rpl	14,985	24,700	14,000	14,253	101.8%	15,000	1,000	7.1%	
22-7-32-6-520.00 SW-Ips-Prop & Gnrnl Libl	438	301	500	-	0.0%	500	-	0.0%	
22-7-32-6-830.00 SW-Bank Charges	3,795	-	2,000	34	NA	100	100	NA	
22-7-32-7-460.00 SW-Lagoon Cleanout	111,444	59,759	40,000	-	0.0%	8,500	6,500	325.0%	
22-7-32-7-460.05 SW-Sewer Main Repair/Repl	2,982	20,782	34,500	30,217	87.6%	90,000	50,000	125.0%	Union street will be a focus in lieu of town paving goals
22-7-32-7-460.06 SW-Aeration System	-	-	-	-	NA	22,500	(12,000)	-34.8%	
22-7-32-7-460.07 SW-Plant Upgrade	-	3,890	47,000	101,027	215.0%	10,000	(37,000)	-78.7%	2023 was bobcat and truck.
22-7-32-7-741.00 SW-New Equipment	-	202,708	79,560	96,640	121.5%	104,906	25,346	31.9%	
22-7-32-8-820.00 SW-Principal Expenses	23,139	18,500	16,100	11,742	72.9%	12,510	(3,590)	-22.3%	
22-7-32-8-830.00 SW-Interest Expenses	-	-	100,000	-	0.0%	28,244	(71,756)	-71.8%	Slowly build fund balance
Contribution to Fund Balance/Contingency	-	-	-	-	-	-	-	-	
<b>Total Expenses</b>	<b>739,771</b>	<b>935,928</b>	<b>1,046,813</b>	<b>885,112</b>	<b>84.6%</b>	<b>1,026,188</b>	<b>(20,624)</b>	<b>-2.0%</b>	
<b>Net Gain (Loss)</b>	<b>26,417</b>	<b>(162,373)</b>	<b>0</b>	<b>153,878</b>	<b>40414534.5%</b>	<b>(0)</b>	<b>(1)</b>	<b>-213.5%</b>	

Water Department 2024 Budget									
Account	2021 Actual	2022 Actual	2023 Budget	2023 Actual	% of Budget	2024 Proposed	Change from 2023	% Change from 2023	Notes
Revenue									
21-6-00-2-001.00 FROM SEWER DEPT	35,965	30,185	30,185	30,185	100.0%	29,880	\$ (305)	-1.0%	
21-6-00-2-002.00 FROM TOWN HYW DEPT	48,440	63,250	62,590	36,680	58.6%	69,647	\$ 7,057	11.3%	Reimbursement for town expenses, including pool study
21-6-00-2-003.00 GASTAX REFUND	732	465	465	588	126.4%	500	\$ 35	7.5%	
21-6-00-2-011.02 SOLAR LEASE	5,500	5,500	5,500		0.0%	5,500	\$ -	0.0%	
21-6-00-2-020.02 WR REVENUE	81,282	0	0		NA	0	\$ -	NA	
21-6-00-3-001.00 WATER RENT BILLING	827,073	837,121	891,623	987,862	99.6%	1,080,791	\$ 89,168	9.0%	Requires 6.1% Rate Increase. Suggest rounding 9.0% to 6.5
21-6-00-3-001.01 LABOR/EQUIPMENT/MATERIALS	8,758	1,527	1,527	1,624	106.4%	1,600	\$ 73	4.8%	
21-6-00-3-002.00 WATER RENT INTEREST	0	0	3,500	5,640	161.1%	5,500	\$ 2,000	57.1%	
21-6-00-3-003.00 WATER PENALTY	1,469	1,485	5,000	4,919	98.4%	5,000	\$ -	0.0%	
21-6-00-7-001.00 WATER OPERATIONS REVENUE	13,890	12,039	11,430	9,342	81.7%	10,000	\$ (1,430)	-12.5%	
21-6-00-7-002.00 SALE OF ASSETS/EQUIP	2,123	15,000	0	0	NA	0	\$ -	NA	
21-6-00-8-003.00 LOAN PROCEEDS	0	0	750,000	516,431	68.9%	0	\$ (750,000)	-100.0%	
Loan Proceeds - Short Term Debt			200,000	0	0.0%	0	\$ (200,000)	-100.0%	
21-6-00-9-001.00 INTEREST	57,539	35,758	30,000	26,167		3,500	\$ (26,500)	-88.3%	Withdrawal from funds. Budgeted item in prior years was interest on investments, but not withdrawn from funds
New - Interest from Investment Funds						30,000	\$ 0	NA	Will not show in future years.
21-6-00-9-001.01 SECURITIES GAINS/LOSS	54,057	-117,858	0	43,781	NA	0	\$ -	NA	
21-6-00-9-003.00 SPECIAL PROJECT INCOME	0	0			NA	0	\$ -	NA	
21-6-00-9-002.01 Duxbury-Moretown Transfer				86,829	NA	0	\$ -	NA	
21-6-00-9-021.01 INSURANCE PROCEEDS	0	88			NA	0	\$ -	NA	
21-6-00-9-009.01 Use of Reserves - Roof Replacement			100,000	0		100,000	\$ -	0.0%	To Pay for roof
21-6-00-9-009.01 Use of Reserves - 2023 Interest						22,600	\$ -		
<b>Total Revenue</b>	<b>1,136,827</b>	<b>884,560</b>	<b>2,191,820</b>	<b>1,750,047</b>	<b>79.8%</b>	<b>1,364,518</b>	<b>\$ (827,302)</b>	<b>-37.7%</b>	
Expenses									
21-7-31-1-110.00 WR-Regular Pay	239,582	260,627	276,155	283,712	102.7%	317,928	\$ 41,773	15.1%	New position. 1/3 water
21-7-31-1-110.01 WR-Flood Wages				5,000	NA	0	\$ -	NA	
21-7-31-1-115.00 WR-Commissioners Pay	3,125	3,125	3,125	1,200	38.4%	3,125	\$ -	0.0%	
21-7-31-1-120.00 WR-Part-time Pay	0	0	10,979	56,208	512.0%	500	\$ (10,479)	-95.4%	
21-7-31-1-210.00 WR-Ins-Health	43,068	39,824	0	16,221	NA	24,500	\$ 24,500	NA	Change in personnel in 2023.
21-7-31-1-210.02 WR-Life, Disability LTC I	1,819	1,820	2,580	2,549	98.8%	2,750	\$ 170	6.6%	
21-7-31-1-220.00 WR-Ins-Social Sec	18,298	19,813	22,205	27,178	122.4%	24,599	\$ 2,394	10.8%	
21-7-31-1-230.00 WR-Retirement	12,431	13,344	18,640	19,193	103.0%	21,619	\$ 2,979	16.0%	
21-7-31-1-250.00 WR-Ins-unemployment	485	3,192	3,256	314	9.6%	3,250	\$ (6)	-0.2%	
21-7-31-1-260.00 WR-Ins-workers Comp	16,680	14,742	15,037	19,481	129.5%	19,000	\$ 3,963	26.4%	
21-7-31-1-290.00 WR-Clothing Allowance	1,227	1,451	2,000	1,907	95.4%	2,250	\$ 250	12.5%	
21-7-31-2-330.00 WR-Engineering & Prof Ser	62,041	28,882	60,000	67,415	112.4%	55,000	\$ (5,000)	-8.3%	

Water Department 2024 Budget										
Account	2021 Actual	2022 Actual	2023 Budget	2023 Actual	% of Budget	2024 Proposed	Change from 2023	% Change from 2023	Notes	
21-7-31-2-330.01 WR-Lab Testing	3,770		5,500	4,540	82.5%	5,500	\$	0.0%		
21-7-31-2-333.00 WR-Legal Fees	16,209		12,000	13,257	110.5%	11,000	\$(1,000)	-8.3%		
21-7-31-2-340.00 WR-Clerical Services	465		500	650	129.9%	500	\$	0.0%		
21-7-31-2-340.01 WR-Professional Ser-Other	27,498		21,000	20,978	99.9%	21,000	\$	0.0%		
21-7-31-2-431.00 WR-Equip & Instru>Main Pl	491		80,000	62,093	77.6%	15,000	\$(65,000)	-81.3%	SCADA upgrade completed	
21-7-31-2-431.02 WR-Equip Maint-Old Plant	378		129	503	389.3%	500	\$ 371	287.0%		
21-7-31-2-431.03 WR-Equip Maint-Wells	428		15,000	5,062	33.7%	7,200	\$(7,800)	-52.0%		
21-7-31-2-431.04 WR-Equip Maint-Other	186		1,000	889	88.9%	1,000	\$	0.0%		
21-7-31-2-431.05 WR-Meter Repair & Replace	7,936		4,000	4,524	113.1%	5,000	\$ 1,000	25.0%		
21-7-31-2-441.00 WR-Lease Cv Railroad	170		400	0	0.0%	400	\$	0.0%		
21-7-31-2-490.00 WR-Property Taxes	16,783		17,293	17,547	101.5%	18,250	\$ 957	5.5%		
21-7-31-2-530.00 WR-Utilities-Tele/Interne	4,920		5,638	6,706	118.9%	7,000	\$ 1,362	24.2%		
21-7-31-2-531.00 WR-Postage	1,463		2,041	2,326	113.9%	2,450	\$ 409	20.0%		
21-7-31-2-535.00 WR-Public Relations & Edu	0		102	0	0.0%	100	\$(2)	-2.0%		
21-7-31-2-540.00 WR-Advertising	0		500	540	108.0%	500	\$	0.0%		
21-7-31-2-610.00 WR-Office Supplies	1,837		2,000	2,072	103.6%	2,150	\$ 150	7.5%		
21-7-31-2-611.00 WR-Chemicals & Purificati	17,527		25,000	13,739	55.0%	20,000	\$(5,000)	-20.0%	Based on actuals	
21-7-31-2-611.01 WR-Lab Chemicals	2,382		3,100	4,205	135.7%	4,500	\$ 1,400	45.2%		
21-7-31-2-660.00 WR-State Fees	5,982		7,200	5,210	72.4%	6,500	\$(700)	-9.7%		
21-7-31-2-741.00 WR-Small Tools	350		2,000	2,021	101.0%	2,000	\$(2)	0.0%		
21-7-31-3-424.00 WR-Grounds Maintenance	1,185		7,500	831	11.1%	7,500	\$	0.0%		
21-7-31-3-430.00 WR-Building Maintenance	9,792		10,000	4,097	41.0%	8,000	\$(2,000)	-20.0%		
21-7-31-3-622.00 WR-Utilities-Elect	54,123		53,682	60,202	112.1%	60,000	\$ 6,318	11.8%	Consistent with 2023.	
21-7-31-3-623.00 WR-Propane-Heat/Generator	0		6,457	130	2.0%	130	\$ (6,327)	-98.0%	Changed fuel type	
21-7-31-3-623.01 WR-Propane-Well/Generator	6,515		770	6,317	820.6%	6,500	\$ 5,730	744.5%		
21-7-31-4-432.00 WR-Vehicle Maintenance	2,757		3,000	5,014	167.1%	5,000	\$ 2,000	66.7%		
21-7-31-4-626.00 WR-Fuel-Gas	7,675		12,838	17,145	133.5%	17,000	\$ 4,162	32.4%		
21-7-31-5-240.00 WR-Training	495		1,946	2,062	103.9%	2,000	\$ 15	0.8%		
21-7-31-5-241.00 WR-Dues	1,389		2,684	1,715	63.9%	3,000	\$ 316	11.8%		
21-7-31-5-310.00 WR-Admin Fee-Town	91,800		111,610	111,610	100.0%	115,516	\$ 3,906	3.5%	Formula based on prior years plus 3.5%	
21-7-31-5-460.00 WR-Water Main Maint-Sourc	120		63	538	854.6%	600	\$ 537	853.7%		
21-7-31-5-460.01 WR-Water Main Maint-Distr	34,305		30,000	22,673	75.6%	30,000	\$	0.0%		
21-7-31-5-460.02 WR-Water Shed Management	515		194	57	28.8%	100	\$(98)	-49.4%		
21-7-31-5-460.03 WR-Dry Hydrants	0		0	0	NA	0	\$	NA		
21-7-31-5-580.00 WR-Mileage Reimb	433		536	601	112.2%	650	\$ 114	21.3%		
21-7-31-6-520.00 WR-Ins-Building & Other	17,026		16,086	17,142	106.6%	17,500	\$ 1,414	8.8%		
21-7-31-6-520.01 WR-Insurance-Deductible	0		0	0	NA	0	\$	NA		
21-7-31-6-830.00 WR-Bank Charges	438		307	13	4.1%	300	\$(7)	-2.2%		
21-7-31-6-990.00 WR-Unclassified	0		98	100	122.3%	150	\$ 50	49.7%		
21-7-31-7-741.00 WR-New Equipment	1,676		4,410	1,871	41.6%	4,500	\$ 2	0.0%		
21-7-31-7-741.01 WR-Pick-up #1	0		0	213	NA	0	\$	NA		
21-7-31-7-741.02 WR-Pick-up #2	33,360		0	0	NA	0	\$	NA		





# Waterbury Water Monthly Report December 2023

## Items of Interest

Sampling

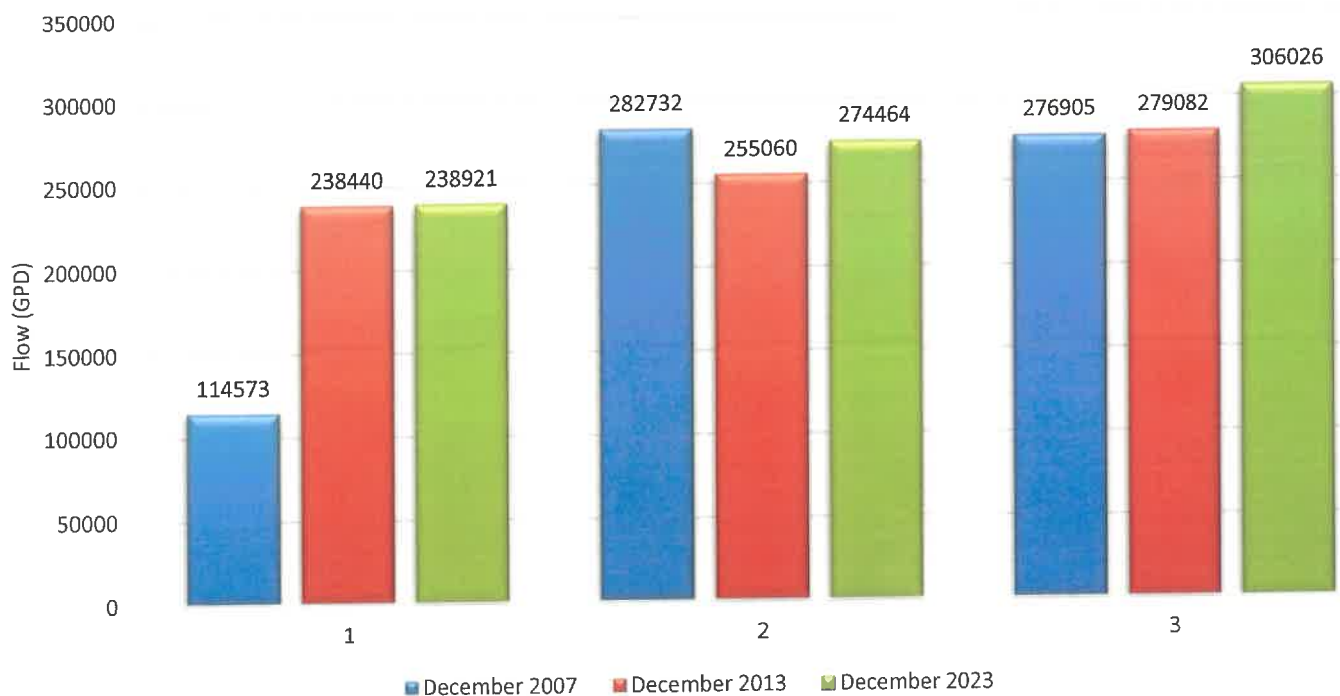
Maintenance

Weather

## Flow Data

High Day	Low Day	Average Day	Peak Flow
12/14/2023	12/25/2023		12/5/2023
306026 Gallons	238921 Gallons	274464 Gallons	1055 GPM

Low, Average and High Flow (GPD) for December 2007, 2013 and 2023



## **Sampling**

All Seven monthly coliform samples were submitted and came back favorable. The weekly fluoride samples were sent to the state lab and the results all came back favorable.

## **Maintenance**

December 12<sup>th</sup> the Water Department oversaw a new connection for a sprinkler line to the old Thatcher Brook Inn building on Route 100.



December brought Waterbury another flood and the Water Department was out in the distribution system helping users with water issues. Luckily for Waterbury this flood was not as severe as the flood in July. Some of our users did suffer through more flooded basements which required the water to be shut off at the curb stop. The users that were affected were 15-17 Randall, 15 & 17 Elm, and 38 & 42 Union St. Those users had their service restored within 3 days. While also helping with water department issues the Water Department staff assisted with pumping out mud from basements once the water receded.



The Oakwood Estates hydrant system was tested on the 20<sup>th</sup>. Using the Fire Departments engine, the water department staff were able to pressurize the Oakwood Estates hydrant system. Unfortunately, there some issues with the current set-up. While flowing water from the truck to the dry hydrant system the water department noticed water bubbling up from below the hydrant. Its unclear at this point whether it is bad hydrant seals or a broken pipe.



After Christmas Kyle and Grant assisted the Wastewater Department with a manhole water infiltration issue.

Manosh came out to the well field to take a look at well #4. That well has not been functional for some time. Manosh was able to restore power to well but were not able to run the pump. They will be coming back in January to pull that pump to see what might be causing the issues.

Champlin Associates were at the Main Plant to replace the bolts on the raw water inlet. These bolts were extremely corroded. The new bolts should prevent those connections from failing and flooding the plant.



### **Weather**

During the month of December there was 5.44 inches of precipitation. The temperatures ranged from 58.7°F as the high and 6.3°F as the low. Our average temperature in December was 31.4°F. Humidity high was 97% and the low was 48% with an average of 84%.

# Wastewater Progress Report

## December 2023

### • Process and Operations:

- Process running well and meeting permit limits.
- Sludge application- Stopped for winter.
- Switched to PAC70 for the winter season.
- Approximately 3,137,500 gallons of partially treated effluent discharged to the river and field due to flooding.
- 12/18/23 flooding plant could not discharge fully treated, disinfected effluent again due to the river backing up into the Chlorine Contact Chamber. Decision was made to bypass full treatment to protect the lagoons from overflowing.
- December 2023 Flows:
  - Influent average: .364 MGD
  - Influent total: 10.74 MG
  - Effluent average: .380 MGD
  - Effluent total: 6.835 MG
  - Precipitation: 6.46 inches/month
  - Maximum daily precipitation: 1.69 inches
  - Discharging days/month = 18

### • Collection System:

- Grandview pump station had increased run time due to groundwater infiltration.
- Multiple issues with boiler at MPS. Had plumber come to replace parts.
- Block heater failed and was replaced on MPS generator. Low engine speed shutdown issue was also addressed.
- Flooding occurred 12/18 causing lagoons to rise drastically ultimately resulting in partially treated effluent being bypassed to the river.
- MPS wet well did not flood as bad as in July. Only about 5 feet of water was on the lower level floor.
- Possible cause for high amount of infiltration is bathrooms at Dac Rowe Field.
- Some manholes along cemetery line have significant infiltration issues. Temporary repairs were made with hope that it will stay until warmer spring temperatures.

### • Office & Personnel

- Worked on getting new pickup truck

### • 2024 Projects List

- Manhole infiltration repairs-
- Park Row West- new manholes and change to PVC line
- Union St N Main St line repair MH 122-121
- Stream bank stabilization around MH 116-27 Dac Rowe Field
- Repair washout and road behind cemetery