



The West Boylston Water District

Meeting Date and Time: March 20, 2023; 5:00pm

Members Present: Stanley Szczurko, Jr., James LaMountain, Gary Flynn, Michael Mard

Also Present: Michael Coveney, Heather Isaacs, Lori Renzoni, Robert Lopez, Michael Ohl

Mr. Szczurko called the meeting to order at 5:06pm.

ITEM 1: TREASURER'S REPORT- (see attachments)

Treasurer Heather Isaacs reviewed the Water District Water Billing income, Balance Sheet, and Profit & Loss Report through ending 2/28/23. No questions/comments on these schedules.

Discussion for funding options to pay for Lee Street water main replacement with Board members and Michael Ohl of Comprehensive Environmental.. Mr. Coveney and Mr. Ohl are anticipating needing no more than \$675,000.00 to fund the project, Mr. Coveney additionally proposed replacing the 30-year old booster pump (at the well) at the same time, adding another \$100,000.00 to the project. Mrs. Isaacs is advocating possibly using Stabilization fund (in investment accounts) to pay for entire project up front and not incur more debt. Mr. Ohl does not recommend resubmission for State Revolving Fund (SRF) loan and presented option of funding through a USDA loan and possibly getting a grant to cover part of the cost. Everyone in agreement that there is no harm in waiting another year to plan this project.

Mrs. Isaacs finalized plans to meet with Mr. Coveney to work on the FY24 budget to present on May 15th for Board approval.

ITEM 2: SUPERINTENDENT'S REPORT (see attachments)

- 1.) No further questions or comments.
- 2.) No further questions or comments.
- 3.) See new business.
- 4.) No further questions or comments.
- 5.) See new business.

ITEM 3: OLD BUSINESS-

Michael Ohl of CEI updated the Board on the Oakdale Water Treatment plant. Noted that heating and ventilation issues were being remedied.

Mr. Ohl presented an amendment to the contract for engineering services for the Oakdale Water Treatment plant for services rendered after anticipated end of project. Mr. Szczurko had Mr. Ohl clarify terms of original contract and recommends Board send it to the District lawyers to see what the District is legally bound to. Mr. Ohl also noted that this would be an eligible cost to be amended on the loan. Discussion regarding contractor liability and oversight re: insulation issues. Mr. Ohl confirmed that no further cost would be incurred from contractor nor CEI in conjunction with the insulation repairs. The Board agreed that the lawyers should review and requested that Mr. Coveney forward on the necessary documents to District counsel.

ITEM 4: NEW BUSINESS –

Mr. Coveney updated the Board on the negotiations for reimbursement of costs associated with the Woodland/Piece hydrant hit and water loss from 2022. Mr. Coveney presented the Board with proposed settlement. Mr. LaMountain made a motion to accept the agreement; Mr. Szczurko seconded the motion, all in favor. The District attorney will send the agreement for signatures.

Mr. Coveney presented the finalized Sanitary Survey Report from the 2022 inspections that was dated 1/20/2023. Noted that Massachusetts Department of Environmental Protection was on site on 5/26/22, 6/7/22, and 7/20/22. Nine recommendations and two deficiencies and one violation were handed down.

Violation: Manganese levels at Pleasant Valley Well: Kristin Berger of Resilient Engineering submitted a draft letter in reply (attached).

Commonwealth is requesting Pleasant Valley Well #1 be decommissioned. Mr. Szczurko feels this is a suitable emergency supply, recommends Ms. Berger include this in the response and questioned whether Representative James O'Day be included in discussions. Mr. Coveney will involve Mr. O'Day after receiving reply from Mass. Department of Environmental Protection (DEP).

Deficiencies: DEP is requesting chlorine day tanks have an overfill alarm so tanks won't be overfilled.

DEP is requesting a written distribution maintenance plan; Resilient Engineering has been hired to pull together this plan; everything is in place and existing already, but not together as DEP is requiring.

The nine recommendations are being reviewed by Mr. Coveney and he will advise the Board at a later date.

Mr. Szczurko signed the response form to submit to Mass. DEP.

ITEM 5: APPROVAL OF MEETING MINUTES

Mr. LaMountain made a motion to accept the February 13, 2023 meeting minutes as presented; Mr. Mard seconded the motion, all voted in favor; motion carried.

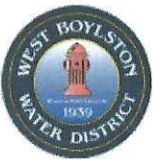
ITEM 7: OTHER BUSINESS-

Mr. Szczurko presented a memo from the West Boylston Town Clerk in regards to Massachusetts Ethics Training and the new system being used.

Mr. Flynn questioned response to online complaints of water quality. Discussion regarding better communication options but not engaging on social media inappropriately.

Mr. LaMountain retracted his request from last meeting to present CEI/Michael Ohl a token of appreciation for now.

Mr. Flynn made a motion to adjourn; Mr. LaMountain seconded the motion; all voted in favor. Mr. Szczurko adjourned the meeting at 6:56 PM. Next meeting scheduled for April 23, 2023 at 5pm.


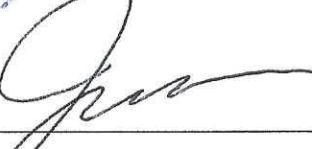
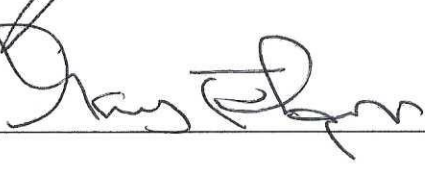
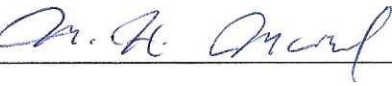


Meeting Minutes of the West Boylston Water District

March 20, 2023

Members Present: Stanley Szczurko, James LaMountain, Gary Flynn, Michael Mard

Date of Approval: _____ April 24, 2023 _____



MEETING POSTING
IN ACCORDANCE WITH THE PROVISIONS OF MGL 30A §§ 18-25

Board of Water Commissioners

March 15, 2023

Board/Committee Name

Date of Notice

183 Worcester St, West Boylston

WBWD OFFICE

Meeting Place

Conference Rm. No.

March 20, 2023
Monday 5:00 p.m.

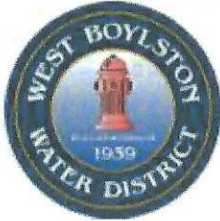
Robert Bryngelson

Date/Time of Meeting

Clerk of Board or Bd. Member Signature

Meeting canceled/Postponed to: _____

Date of cancelation/Postponement _____



Agenda

- 5:00 PM CONVENE MEETING
- 5:05 PM TREASURER'S REPORT – Heather Isaacs
- 5:20 PM SUPERINTENDENT'S REPORT – Mike Coveney
- 5:30 P.M. OLD BUSINESS – Update on Oakdale WTP/Lee St Water Main Projects (Mike - CEI)
- 5:45 P.M. NEW BUSINESS
- 5:50 P.M. READING/APPROVAL OF MINUTES
- 5:55 P.M. ANY OTHER BUSINESS NOT REASONABLY ANTICIPATED
- 6:00 P.M. CLOSE MEETING

[illegible]

W.B. Water District
Monthly Water Charges
FY22

	FY23			FY22			FY21			AR Balance	AR			
	FY23 Actual	FY23 Budget	variance	months	AR Balance	FY22 Actual	FY22 Budget	variance	FY21 Actual			FY21 Budget	FY21 variance	months
Jul-22	184,531.29	180,000.00	4,531.29	April, May, June	122,000.00	180,187.29	165,000.00	15,187.29	99,000.00	163,671.00	125,000.00	38,671.00	April, May, June	95,000.00
Aug-22	166,820.86	148,000.00	18,820.86	May, June, July	108,000.00	144,220.84	135,000.00	9,220.84	104,000.00	134,710.20	120,000.00	14,710.20	May, June, July	90,000.00
Sep-22	178,386.80	160,000.00	18,386.80	June, July, Aug	110,000.00	147,595.80	155,000.00	(7,404.20)	99,000.00	152,535.92	119,000.00	33,535.92	June, July, Aug	95,500.00
Oct-22	249,672.61	200,000.00	49,672.61	July, Aug, Sept	129,000.00	175,242.80	205,000.00	(29,757.20)	106,000.00	198,470.06	170,000.00	28,470.06	July, Aug, Sept	96,000.00
Nov-22	154,894.66	130,000.00	24,894.66	Aug, Sept, Oct	120,000.00	129,151.13	140,000.00	(10,848.87)	84,000.00	141,907.42	122,000.00	19,907.42	Aug, Sept, Oct	94,000.00
Dec-22	133,090.80	125,000.00	8,090.80	Sept, Oct, Nov	107,000.00	123,290.46	125,000.00	(1,709.54)	93,000.00	125,192.99	107,000.00	18,192.99	Sept, Oct, Nov	93,000.00
Jan-23	157,400.93	150,000.00	7,400.93	Oct, Nov, Dec	99,000.00	138,734.92	140,000.00	(1,265.08)	100,000.00	139,747.55	124,000.00	15,747.55	Oct, Nov, Dec	94,000.00
Feb-23	114,894.59	120,000.00	-5,105.41	Nov, Dec, Jan	101,000.00	107,751.56	115,000.00	(7,248.44)	91,000.00	106,386.73	100,000.00	6,386.73	Nov, Dec, Jan	87,000.00
Mar-23		120,000.00		Dec, Jan, Feb		113,045.28	115,000.00	(1,954.72)	90,000.00	102,084.83	100,000.00	2,084.83	Dec, Jan, Feb	66,000.00
Apr-23		140,000.00		Jan, Feb, Mar		137,337.67	130,000.00	7,337.67	110,000.00	136,147.59	121,000.00	15,147.59	Jan, Feb, Mar	63,000.00
May-23		125,000.00		Feb, Mar, April		106,333.47	125,000.00	(18,666.53)	86,000.00	104,755.71	120,000.00	(15,244.29)	Feb, Mar, April	65,000.00
Jun-23		140,000.00		Mar, April, May		118,529.15	130,000.00	(11,470.85)	94,000.00	115,312.87	100,000.00	15,312.87	Mar, April, May	
Totals	1,339,692.54	1,738,000.00	126,692.54			1,621,420.37	1,680,000.00	(58,579.63)		1,505,610.00	1,428,000.00	175,621.87		

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03/20/23
Accrual Basis

West Boylston Water District Profit & Loss Budget vs. Actual July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
4175 · Interest Charges	4,242.99	3,100.00	1,142.99	136.9%
4250 · Water Charges & Services				
4251 · Worcester Corporate Water Chrg	-3,455.00	0.00	-3,455.00	100.0%
4250 · Water Charges & Services - Other	1,369,221.00	1,213,000.00	156,221.00	112.9%
Total 4250 · Water Charges & Services	1,365,766.00	1,213,000.00	152,766.00	112.6%
4260 · User Fee	126,000.00	42,000.00	84,000.00	300.0%
4261 · Back Flow	5,940.00	5,700.00	240.00	104.2%
4262 · Fire Line	18,485.20	18,084.00	401.20	102.2%
4270 · Merchandise & Jobbing	555.62			
4275 · Meters	9,790.00	2,800.00	6,990.00	349.6%
4320 · Rental Income	92,730.21	90,000.00	2,730.21	103.0%
4325 · DEP Grant Income	0.00	0.00	0.00	0.0%
4820 · Investment Income				
4821 · Net investment income	12,117.66	0.00	12,117.66	100.0%
4820 · Investment Income - Other	7,110.71	5,000.00	2,110.71	142.2%
Total 4820 · Investment Income	19,228.37	5,000.00	14,228.37	384.6%
4840 · Miscellaneous Revenue	5,825.15	5,250.00	575.15	111.0%
Total Income	1,648,563.54	1,384,934.00	263,629.54	119.0%
Cost of Goods Sold				
50000 · Cost of Goods Sold	-11.00	0.00	-11.00	100.0%
Total COGS	-11.00	0.00	-11.00	100.0%
Gross Profit	1,648,574.54	1,384,934.00	263,640.54	119.0%
Expense				
5000 · Operation & Maintenance				
5130A · Salaries & Employee Benefits				
5130 · Admin & Salaries				
5143 · Overtime Wages	8,713.77	13,070.68	-4,356.91	66.7%
5130 · Admin & Salaries - Other	240,343.34	235,827.94	4,515.40	101.9%
Total 5130 · Admin & Salaries	249,057.11	248,898.62	158.49	100.1%
5131 · Superintendent's Salary	75,084.00	68,642.08	6,441.92	109.4%
5132 · Commissioners Salaries	2,500.00	2,500.00	0.00	100.0%
5133 · Moderator Salary	0.00	0.00	0.00	0.0%
5134 · Payroll Processing Expense	1,158.82	1,126.68	32.14	102.9%
5135 · Worcester Retirement System	85,383.00	85,383.00	0.00	100.0%
5135A · Pension Expense	0.00	0.00	0.00	0.0%
5136A · Health Insurance				
5136 · Employee's	70,133.99	71,192.00	-1,058.01	98.5%
5137 · Retiree's	8,704.00	8,878.00	-174.00	98.0%
Total 5136A · Health Insurance	78,837.99	80,070.00	-1,232.01	98.5%
5136B · OPEB Expense	0.00	0.00	0.00	0.0%
5138 · Life Insurance	475.20	475.34	-0.14	100.0%
5139 · Uniforms	3,799.58	3,905.28	-105.70	97.3%
5140 · Workers' Comp Insurance	8,813.00	9,002.00	-189.00	97.9%
5141 · Employee Training	786.00	4,000.00	-3,214.00	19.7%
5142 · Payroll Taxes	5,027.20	5,000.00	27.20	100.5%
Total 5130A · Salaries & Employee Benefits	510,921.90	509,003.00	1,918.90	100.4%
5200 · Bank Service Charge	0.00	240.00	-240.00	0.0%
5210 · Heating	4,442.79	3,825.00	617.79	116.2%
5215 · Telephone	7,199.12	7,201.34	-2.22	100.0%
5220 · Electricity				

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03/20/23

Accrual Basis

West Boylston Water District

Profit & Loss Budget vs. Actual

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
5221 · Beaman Street	74.26	104.00	-29.74	71.4%
5222 · Lawrence Street	122.72	215.00	-92.28	57.1%
5223 · Lee Street	11,602.51	13,250.00	-1,647.49	87.6%
5224 · Prospect Street	70.32	100.00	-29.68	70.3%
5225 · Temple Street	25,081.95	25,750.00	-668.05	97.4%
5226 · Thomas Street	4,940.32	3,100.00	1,840.32	159.4%
5227 · West Boylston Street	11,668.79	10,450.00	1,218.79	111.7%
5228 · Western Avenue	2,638.41	2,700.00	-61.59	97.7%
5229 · Worcester Street	1,329.02	1,700.00	-370.98	78.2%
5229A · Laurel Street	1,356.61	1,900.00	-543.39	71.4%
5220 · Electricity - Other	0.00	0.00	0.00	0.0%
Total 5220 · Electricity	58,884.91	59,269.00	-384.09	99.4%
5230 · Legal & Accounting				
5231 · Audit Expenses	0.00	0.00	0.00	0.0%
5232 · Accounting Expense	2,829.00	4,000.00	-1,171.00	70.7%
5233 · Legal Expense	25,897.00	16,500.00	9,397.00	157.0%
5234 · Consulting Expense				
5234D · Lee Street	8,100.00			
5234 · Consulting Expense - Other	55,555.40	65,000.00	-9,444.60	85.5%
Total 5234 · Consulting Expense	63,655.40	65,000.00	-1,344.60	97.9%
Total 5230 · Legal & Accounting	92,381.40	85,500.00	6,881.40	108.0%
5240 · Auto & Truck Expense				
5241 · Gasoline & Oil	9,640.43	11,750.00	-2,109.57	82.0%
5242 · Repairs & Maintenance	5,726.70	6,800.00	-1,073.30	84.2%
5240 · Auto & Truck Expense - Other	0.00	80,000.00	-80,000.00	0.0%
Total 5240 · Auto & Truck Expense	15,367.13	98,550.00	-83,182.87	15.6%
5300 · Property and Liability Insurance	15,888.00	18,565.00	-2,677.00	85.6%
5420 · Office Expense				
5421 · Office Supplies	1,651.24	2,300.00	-648.76	71.8%
5422 · Postage	3,644.20	4,000.00	-355.80	91.1%
Total 5420 · Office Expense	5,295.44	6,300.00	-1,004.56	84.1%
5423 · Computer/Tech	8,329.52	8,000.00	329.52	104.1%
5430 · Pump Station Supplies	1,529.06	4,000.00	-2,470.94	38.2%
5435 · Water Quality Control Expense	10,017.00	11,000.00	-983.00	91.1%
5440 · Water Treatment Chemicals	46,824.11	48,000.00	-1,175.89	97.6%
5500 · Tools	1,746.26	2,625.00	-878.74	66.5%
5600 · Repairs & Maintenance				
5601 · Equipment Repairs	4,864.66	8,250.00	-3,385.34	59.0%
5602 · Facility Repairs	6,079.19	8,250.00	-2,170.81	73.7%
Total 5600 · Repairs & Maintenance	10,943.85	16,500.00	-5,556.15	66.3%
5625 · Property Maintenance	6,084.97	8,250.00	-2,165.03	73.8%
5790 · State & District Expense	6,560.49	6,300.00	260.49	104.1%
5791 · GIS Projects	3,150.00	3,500.00	-350.00	90.0%
5795 · DEP Primacy Fees	1,940.36	1,929.00	11.36	100.6%
5840 · Serv & Distr. Improve.				
5840E- Emergency Repair Costs	6,032.00	0.00	6,032.00	100.0%
5840 · Serv & Distr. Improve. - Other	76,433.66	115,000.00	-38,566.34	66.5%
Total 5840 · Serv & Distr. Improve.	82,465.66	115,000.00	-32,534.34	71.7%
5950 · District Improvements				
5950C · Well Exploration (\$35K)	0.00	0.00	0.00	0.0%
5950D · Tank Cleaning	0.00	0.00	0.00	0.0%
5950H · Hydrants	0.00	0.00	0.00	0.0%
5951 · District Improvements (Capital)				
5951H · Oakdale WTP 2021-22	408.00			
5951G- N.Main St. Main Replace	0.00	0.00	0.00	0.0%
5951B · Radio Read Meters	0.00	0.00	0.00	0.0%

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03/20/23
Accrual Basis

West Boylston Water District

Profit & Loss Budget vs. Actual

July 2022 through February 2023

	Jul '22 - Feb 23	Budget	\$ Over Budget	% of Budget
5951F · Well Exploration - PV2	0.00	0.00	0.00	0.0%
5951 · District Improvements (Capital) -...	0.00	0.00	0.00	0.0%
Total 5951 · District Improvements (Capit...	408.00	0.00	408.00	100.0%
5950 · District Improvements - Other	925.00	32,500.00	-31,575.00	2.8%
Total 5950 · District Improvements	1,333.00	32,500.00	-31,167.00	4.1%
Total 5000 · Operation & Maintenance	891,304.97	1,046,057.34	-154,752.37	85.2%
5195 · Bad Debt Expense	0.00	0.00	0.00	0.0%
Total Expense	891,304.97	1,046,057.34	-154,752.37	85.2%
Net Ordinary Income	757,269.57	338,876.66	418,392.91	223.5%
Other Income/Expense				
Other Income				
8400 · Insurance Reimbursement	0.00	0.00	0.00	0.0%
8500 · Bond premium amortization	0.00	0.00	0.00	0.0%
Total Other Income	0.00	0.00	0.00	0.0%
Other Expense				
8000 · Interest Expense				
8050 · DSRF Earnings	0.00	0.00	0.00	0.0%
8060 · Contract Assistance	0.00	0.00	0.00	0.0%
8000 · Interest Expense - Other	33,322.62	33,343.00	-20.38	99.9%
Total 8000 · Interest Expense	33,322.62	33,343.00	-20.38	99.9%
Total Other Expense	33,322.62	33,343.00	-20.38	99.9%
Net Other Income	-33,322.62	-33,343.00	20.38	99.9%
Net Income	723,946.95	305,533.66	418,413.29	236.9%

West Boylston Water District

Balance Sheet

As of February 28, 2023

	Feb 28, 23
ASSETS	
Current Assets	
Checking/Savings	
1000 · Cash-Checking & Savings	1,806,246.17
1020 · Petty Cash	125.00
1025 · Cash on Hand	125.00
Total Checking/Savings	1,806,496.17
Accounts Receivable	
1201 · User Charges	286,275.30
Total Accounts Receivable	286,275.30
Other Current Assets	
1159 · Investments	1,379,645.62
1499 · Undeposited Funds	4,760.93
Total Other Current Assets	1,384,406.55
Total Current Assets	3,477,178.02
Fixed Assets	
1998 · Capital Assets - Depreciable	5,127,077.97
1999 · Capital Assets - Nondepreciable	8,721,833.53
Total Fixed Assets	13,848,911.50
Other Assets	
2860 · Deferred Outflows of Resources	96,920.00
Total Other Assets	96,920.00
TOTAL ASSETS	17,423,009.52
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	-12,810.87
Total Accounts Payable	-12,810.87
Other Current Liabilities	
2100 · Payroll Withholdings	74.92
2430 · Accrued Vacation Pay	18,738.45
Total Other Current Liabilities	18,813.37
Total Current Liabilities	6,002.50
Long Term Liabilities	
1750 · Deferred Inflows of Resources	69,040.00
2600 · N/P - DEP (SRF Funding)	10,333,952.96
2800 · Other Post Employment Benefits	1,080,197.00
2850 · Net Pension Liability	829,002.00
Total Long Term Liabilities	12,312,191.96
Total Liabilities	12,318,194.46
Equity	
3300 · Reserved for office renovations	2,444.75
3301 · Reserved for Well Exploration	535,328.84
3775 · Investment in PP&E-District	3,271,253.45
3900 · Retained Earnings	571,841.07
Net Income	723,946.95

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03/20/23

Accrual Basis

West Boylston Water District

Balance Sheet

As of February 28, 2023

	Feb 28, 23
Total Equity	5,104,815.06
TOTAL LIABILITIES & EQUITY	17,423,009.52

Mike Coveney

From: Mike Ohl <mohl@ceiengineers.com>
Sent: Monday, March 20, 2023 2:28 PM
To: Mike Coveney
Subject: RE: Oakdale Well Treatment - Additional Engineering Costs

Supplemental Information for discussion with the Board this evening, detailed per amendment issue.

EXTENDED CONSTRUCTION PHASE SERVICES (4½ EXTRA MONTHS)

Item/Description	Original Scope/Agreement (original budget)	Actual Services during Extended Construction Time	Additional Services
Construction Time Period (extended due to delays in materials/equipment delivery)	15 months	20.5 months	5.5 months 37% increase
Total CEI Labor Hours	736	1,503	
Total Construction Phase Cost (CEI plus Subconsultants)	\$215,000	\$279,500	\$64,500 33.5% increase
Average CEI Labor Cost per Hour	\$155 per hour	\$145 per hour	

ALTERNATIVE ROOF INSULATION/SHEATHING SYSTEM

Item/Description	Original Scope/Agreement (original budget)	Actual Services during Extended Construction Time	Additional Services
Total CEI Labor Hours	Not Applicable	60	100% increase
Total Construction Phase Cost (CEI plus Subconsultants)		\$9,200	
Total CEI Cost for Construction Phase		\$9,200	\$9,200 100% increase
Average Labor Cost per Hour		\$153 per hour	

For reference, the bid phase and field representative services were completed at budget.

Note that the previous email had an error in the additional amount shown for Extended Construction Phase Services (there was an extraneous zero); the correct figure is \$64,500.

From: Mike Ohl
Sent: Friday, March 17, 2023 12:37 PM
To: Mike Coveney <mcoveney@westboylstonwater.org>
Subject: Oakdale Well Treatment - Additional Engineering Costs

Mike,

As mentioned at previous Board meetings, we incurred additional engineering costs during the construction phase of the Manganese Removal Treatment Facility for the Oakdale Well. The following is a summary of our additional costs through completion of this project (recognizing that some Contractor punchlist follow-up remains to be done):

Extended Construction Phase Services (4½ extra months)	\$64,5000
Alternative Roof Insulation/Sheathing System	\$9,200

Extended Construction Phase Services

Original contract time period for construction was 15 months, with a final completion date of mid-October 2022. Due to the industry-wide delays with procurement and delivery of materials and equipment, the Contractor was granted a time extension of essentially 2½ months for Substantial Completion with an additional 3 months for Final Completion. CEI remained committed to the completion of this project throughout the extended construction time period, incurring the additional costs as noted above.

Alternative Roof Insulation/Sheathing System

Original design was based upon a pre-assembled insulated roof sheathing system, which unfortunately had an extremely long lead time due to the industry-wide shortage of materials. In order to keep the project moving, CEI explored alternatives with the Contractor which ultimately resulted in the field assembly of a two-layer vented sheathing system on the roof exterior and spray foam insulation on the roof underside, in order to achieve a completed system that would be equal in performance to the originally specified system. CEI incurred additional costs as noted above in the development of this alternative system, which ultimately allowed the project to proceed while minimizing the impact on the project schedule.

We respectfully request an amendment to our agreement for the additional construction phase services noted above. Looking forward to discussing this further with you and the Board at their next meeting.

Mike

Michael P. Ohl, P.E. | Comprehensive Environmental Inc.
Principal, Program Director

Direct: 508.281.5177

Mobile: 774.573.8973

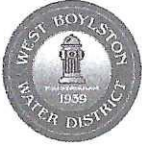
41 Main Street, Bolton, MA 01740

mohl@ceiengineers.com

www.ceiengineers.com



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West Boylston Water District

To: Board of Water Commissioners

From: Michael Coveney

Date: 3/20/2023

Re: Superintendents Report

-
- 1.) Oakdale Treatment Facility: The filters have been online for one month and pumping filtered water into the distribution system. Filter #2 is currently offline with a valve issue; Waterline is working on getting a replacement valve. Mike Ohl from CEI will be able to attend the meeting today for an update and discussion on additional engineering costs. We are planning to run a full backwash on the filters tomorrow as Roberts Filter will be onsite.
 - 2.) Lee Street Water Main project: CEI has developed a more realistic cost for this project. Heather has determined that we could finance this project with existing funds. I would like to discuss this item under old business as I have some additional ideas for the board to consider.
 - 3.) Hydrant Claim: The hydrant at the intersection of Woodland St and Pierce St has been replaced and the driver of the vehicle has been billed. We have been working with our attorney on this to recover our expenses from Geico Insurance and the driver. They are working out an agreement to proceed.
 - 4.) Pleasant Valley Well #2: Manganese update, the detection levels are below the health advisory of 0.30 mg/L but above the secondary MCL of 0.05 mg/L. The average monthly sample result is 0.20 mg/L, which is slightly higher than last month (0.18). We will continue to sample and monitor this each month for any changes. I would like to discuss this further under new business as it relates to the MassDEP sanitary survey.
 - 5.) MassDEP Sanitary Survey: MassDEP conducted a sanitary survey of the water system last summer (2022) and the results were submitted to us in January 2023. I apologize for not having this ready for the February meeting. Within the survey report there is one (1) violation, two (2) deficiencies and nine (9) recommendations. I would like to go over this report under new business and I will need the chairperson to sign the acknowledgement that the Board has reviewed this report to send back to MassDEP.
-



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Central Regional Office • 8 New Bond Street, Worcester MA 01606 • 508-792-7652

Maura T. Healey
Governor

Kimberley Driscoll
Lieutenant Governor

Rebecca L. Tepper
Secretary

Gary Moran
Acting Commissioner

January 20, 2023

West Boylston Water District
Attn: Stanley Szczurko,
Board of Water Commissioners
183 Worcester St
West Boylston, MA 01583
s.szczurko@gmail.com

Re: PWS City/Town: **West Boylston**
PWS Name: **West Boylston Water District**
PWS ID#: **2321000**
Program: **Sanitary Surveys - Community**
NON-CE-23-5D00014383

Dear Public Water Supplier:

Attached is a report (including a Notice of Noncompliance) summarizing the Sanitary Survey performed **hybrid remote and in-person** at West Boylston Water District in West Boylston and completed on July 20, 2022. This report identifies items that the Massachusetts Department of Environmental Protection (MassDEP) has determined need to be corrected and the timeframe for completing the required corrective actions.

Please be advised that within 30 days of receipt of this inspection report, if your system has Table A – Violations and/or Table B – Deficiencies, you must sign and return the enclosed response form with a copy of the Summary of Findings listing the date that each corrective action was/or will be taken and any specified documentation. Note that items with future dates require you to submit documentation at the time of completion.

If you have any questions regarding this Survey, please contact Kathryn Conoby at (857) 321-0118 or Kathryn.Conoby@mass.gov.

Sincerely,

Robert A. Bostwick
Section Chief
Drinking Water Program

cc: File Copy - DWP Sanitary Survey
ecc: DWP Boston
Michael Coveney, West Boylston Water District – mcoveney@westboylstonwater.org
Margaret Lee, West Boylston Board of Health – mlee@westboylston-ma.gov

File Name: West Boylston-2321000-SS-ENF(NON-CE-23-5D00014383)-2023-01-20

This information is available in alternate format. Please contact Melixza Esenyie at 617-626-1282.
TTY# MassRelay Service 1-800-439-2370
MassDEP Website: www.mass.gov/dep

Printed on Recycled Paper

PUBLIC WATER SYSTEM SANITARY SURVEY

West Boylston Water District	2321000	West Boylston
<i>PWS Name</i>	<i>PWS ID#</i>	<i>PWS City/Town</i>

Survey Date: May 26, 2022 (Remote) June 7, 2022 (Field) July 20, 2022 (Field)	Report Date: January 20, 2023
Surveyor: Kate Conoby April Desclos	Affiliation: CERO/DWP
Person(s) Interviewed: Michael Coveney	Title: Superintendent, West Boylston Water District

PUBLIC WATER SUPPLIERS:

This report includes a: a "Summary of Findings" with:

- ☒ Table A – Violations referenced as **NON-CE-23-5D00014383**
- ☒ Table B – Deficiencies
- ☒ Table C – Recommendations
- ☒ Water Supplier Response and Certification Form (To be completed and returned within 30 days of receipt, if Table A and/or Table B items included in Summary of Findings)

During the course of the Sanitary Survey, MassDEP observed conditions in the source, facilities, equipment, operation, or maintenance of the PWS that are violation(s) of a regulation or statute and that jeopardize the delivery of pure and safe water to all consumers (hereafter collectively referred to as "violations"). All violations found at the PWS are listed in the attached Summary of Findings Table A, which is also a Notice of Noncompliance (NON) pursuant to M.G.L. c.21A, §16 and 310 C.M.R. 5.00.

Notwithstanding this NON, MassDEP reserves the right to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements. Noncompliance with the terms of the NON may result in further enforcement, including the assessment of administrative penalties of up to \$25,000 for each day after the effective date of the NON during which each violation continues or is repeated, and/or the issuance of a unilateral administrative order requiring the necessary corrective action(s) within a reasonable time period. Noncompliance with the terms of such an order may also result in further enforcement, including the imposition of penalties of up to \$25,000 for each day after the effective date of the Order during which each violation continues or is repeated.

Note: Systems are not relieved of their responsibility for meeting regulatory requirements that may not be covered in the "Summary of Findings".

SUMMARY OF FINDINGS

NOTICE OF NONCOMPLIANCE NON-CE-23-5D00014383

Fill in the completion date for all required activities and return to MassDEP with the response sheet and **all required documentation**. If the time required to complete the action is greater than 3 months, submit quarterly progress reports and anticipated completion date. If projected completion dates are included in the table, documentation must be submitted to the Department upon completion of all corrective actions.

TABLE A – VIOLATIONS*

This document also serves as a Notice of Noncompliance (NON) pursuant to M.G.L. c.21A, §16 and 310 CMR 5.00 for the following violations of the Massachusetts Drinking Water Regulations.

1	Citation:	Violation:	GWR SD/GWR TT [†]	
	310 CMR 22.03(1)(c)	Reported concentrations of manganese in the Pleasant Valley Well 2 (06G) exceed the secondary maximum contaminant level (SMCL) of 0.05 mg/L (see Evaluation Checklist #WQ-2), in violation of Condition #2 of MassDEP's WS20 Activation Approval letter (Transmittal # X275022) issued on January 25, 2022. A source abandonment permit application has not been received for Well 05G, as required by Condition #4 of MassDEP's WS20 Activation Approval letter issued on January 25, 2022 (Other Issues Observed, Outstanding Inspection Actions).	No	
	Corrective Action:		Due:	Complete:
	Submit a corrective action plan and schedule for MassDEP's review and approval to reduce manganese reliably and consistently below the SMCL of 0.05 mg/L in the finished water from Well 06G. The corrective action plan shall also outline steps to take regarding the future of Well 05G, which may include the installation of treatment in lieu of abandonment. Intermediate actions must ensure that finished water leaving the Pleasant Valley Well 2 Treatment Plant remain below the manganese Health Advisory of 0.3 mg/L while developing the long-term corrective action plan.		March 31, 2023	

TABLE B – DEFICIENCIES*

The following items do not reflect good water system practice and, if left unresolved, could compromise your ability to provide safe drinking water. Uncorrected deficiencies may be elevated to violations if not corrected by the action due date.

	Citation:	Recommendation
6.		MassDEP recommends the low pH alarms be set at 7.0 (CC-7, pH Adjustment – Hydroxide).
7.		It is recommended that the PWS complete GWR Form A from the point of the emergency chlorine injection port. Forms can be found at https://www.mass.gov/lists/ground-water-rule-forms (TT-5).
8.		MassDEP recommends the PWS evaluate steps that would be necessary to meter any potential interconnection with Sterling, such as additional hydrants in the area for a metered hydrant-to-hydrant interconnection (I-3).
9.		MassDEP recommends the PWS monitor pH at routine sample sites in the distribution system. It is also recommended that the water system collect periodic phosphate samples during distribution sampling to monitor the effectiveness of the phosphate addition (LC-1).

*MassDEP reserves the right to exercise its Order authority under M.G.L. Chapter 111, Section 160, or to take other appropriate action as permitted by law, in order to prevent the pollution and to secure the sanitary protection of the water supply and to ensure the delivery of a fit and pure water supply to all consumers, including without limitation if sufficient progress to meeting a recommended deadline is not achieved.

WATER SUPPLIER RESPONSE AND CERTIFICATION FORM

Within 30 days of receipt of this inspection report, you must complete and submit this form if your system has Table A – Violations and/or Table B – Deficiencies. Attach a copy of the completed table(s) listing the date that the corrective action was/will be taken; include all required documentation as specified in the table(s). **Note that items with future dates require you to submit documentation of work at the time of completion. If a specific form of documentation is not identified, an updated Summary of Findings Table, letter, or email addressed to the inspector that the deficiency has been corrected may be used.**

The following corrective actions listed in the Summary of Findings Table A and/or Table B have been taken by the Public Water System. (Please check all that apply).

- ☐ My system has taken **ALL** of the corrective actions listed within the timeframes specified in the Summary of Findings.
- I have listed the completion date for each item within the table(s).
 - I have attached copies of supporting documentation as required.
- ☐ My system has taken **SOME BUT NOT ALL** of the corrective actions listed within the timeframes specified in the Summary of Findings.
- I have listed the actual or anticipated compliance date for each item within the table(s).
 - I have attached copies of supporting documentation as required.
 - I have attached a revised corrective action schedule establishing timelines for my system to address outstanding items and I will submit a written progress report each quarter (every 3 months) until all items have been addressed. I understand that my system may be subject to further enforcement.
- ☐ My system is **UNABLE** to comply with some or all of the corrective actions within the timeframes specified in the Summary of Findings. I understand that my system may be subject to further enforcement.
- An explanation is attached.

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate, and complete to the best extent of my knowledge.

Water Commissioner, Owner, Owner Representative, or Other Responsible Party:

Signature: _____

Date: _____

Print Name: _____

Title: _____

Return this form, a copy the Summary of Findings, and all attachments to:

MassDEP

BWR Drinking Water Program

8 New Bond Street

Worcester, MA 01606

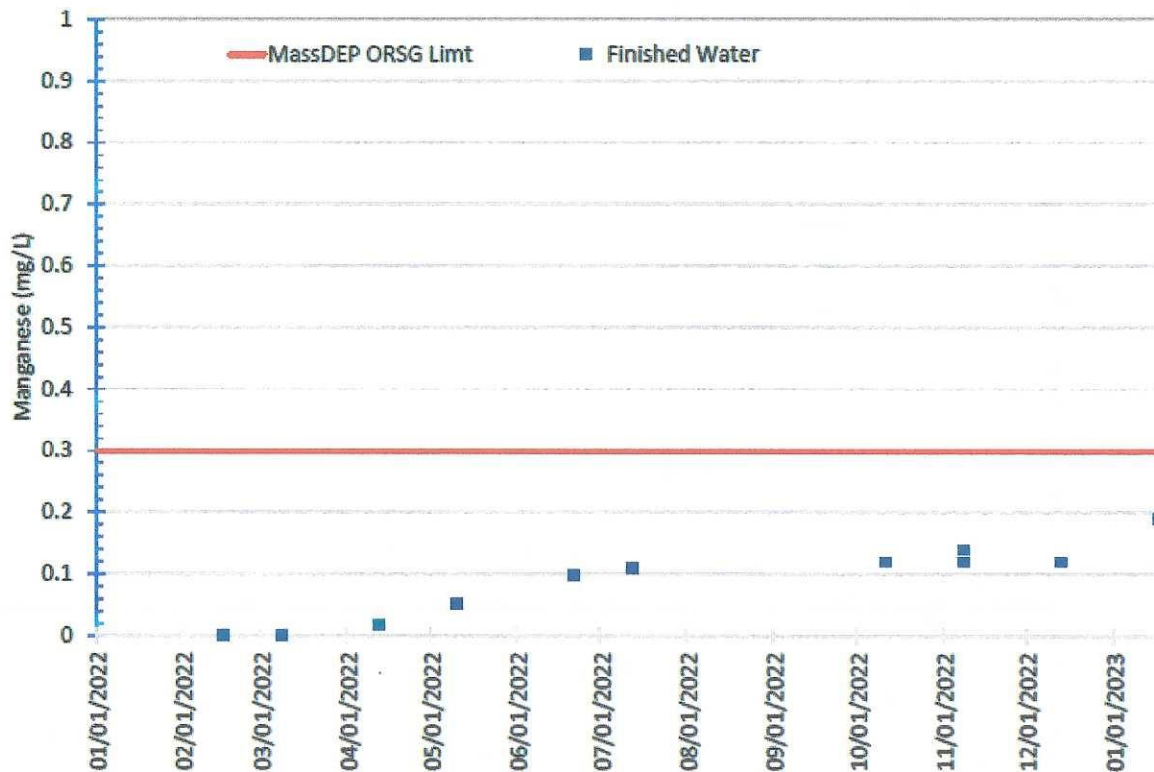
Attention: Kate Conoby

DRAFT

West Boylston Water District Corrective Action Plan – Pleasant Valley Well 2 Manganese

The West Boylston Water District (WBWD) developed this Corrective Action Plan in response to the Massachusetts Department of Environmental Protection (MassDEP) Sanitary Survey violation and Notice of Noncompliance (NON) dated January 20, 2023. MassDEP required this plan to address the manganese detected in the Pleasant Valley Well 2 (MassDEP ID Well 06G). Table 1 shows the level of manganese in water from Well 06G. Levels have increased above the non-enforceable Secondary Maximum Containment Level (SMCL) of 0.05 mg/L but remain below the MassDEP Office of Research Standards Guideline (ORSG) and Health Advisory of 0.3 mg/L.

Table 1. Pleasant Valley Well 2 (Well 06G) - Manganese



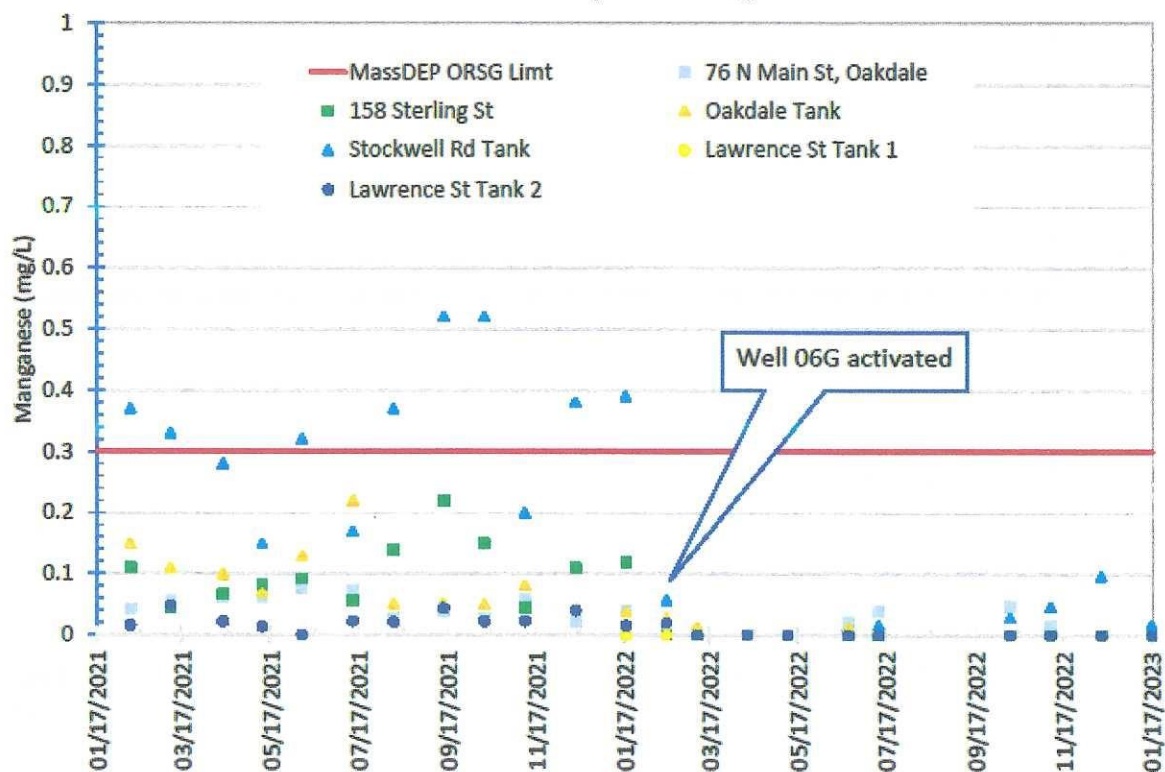
Activated in early 2022, Well 06G has served as the primary source of supply since the Oakdale Well (MassDEP ID Well 01G) was taken off-line due to manganese in excess of 0.3 mg/L. The filtration facility for Well 01G was recently completed and activated and is currently producing finished water with manganese at non-detectable levels. Now that the filtration facility is on-line, Well 06G will be pumped less in an effort to mitigate the manganese from this supply. Reducing the pumping of a well is often successful in reducing the level of manganese. The WBWD will continue to monitor the manganese during the period of reduced pumping.

With regards to the Pleasant Valley Well 1 (MassDEP ID Well 05G), levels of manganese in the water from this continue to measure about 0.4 to 0.55 mg/L. Well 05G will remain off-line and only pumped

to obtain water quality samples. Water supply sources are extremely challenging to construct within the WBWD since the Massachusetts Department of Conservation and Recreation (DCR) owns nearly half of the land in the Town of West Boylston and in particular the land that could be suitable for a new well. The WBWD has no intention of abandoning a water supply source that may be required in the future to maintain water supply. Well 05G is required for water supply resiliency and redundancy. Should the WBWD need to activate Well 05G in the future, a filtration facility would be constructed to remove the manganese. For now, Well 05G will remain off-line and only pumped for water quality sampling.

By activating the Well 01G filtration facility and reducing the pumping of Well 06G, the WBWD has drastically reduced the amount of manganese being pumped into the distribution system. Note that the level of manganese in Well 06G has not exceeded the MassDEP ORSG Health Advisory of 0.3 mg/L. Since Well 06G was activated in early 2022, in regards to manganese, our water supply has significantly improved. Table 2 shows the levels of manganese within our distribution system. Upon activation of Well 06G, manganese levels within our distribution system immediately decreased and have remained below the MassDEP ORSG Health Advisory of 0.3 mg/L. We anticipate these levels to continue to decrease now that the Well 01G filtration facility is on-line and Well 06G will be pumped less to allow it to recover and water quality to improve.

Table 2. Distribution System - Manganese



Currently, the WBWD is in compliance with the enforceable drinking water standards and regulations. The WBWD will continue to monitor the water quality of the source finished water and distribution system water.