

4 Turkey Hill Road
Newtown, CT 06470
Tel (203) 270-4300
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Fred Hurley,
Director



Gene Vetrano,
Chairman
Mark Benedict
Lou Carbone
Alan Shepard
Venessa Tobin
Kathleen Torres
Carl Zencey

WATER AND SEWER AUTHORITY

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE WATER AND SEWER AUTHORITY

The Water and Sewer Authority held a regular meeting, Thursday, July 13, 2023. The meeting was held at Newtown Public Works, 4 Turkey Hill Road, Newtown, CT. The meeting was called to order at **7:00pm.**

Present: Kathleen Torres, Mark Benedict, Carl Zencey, Venessa Tobin, Lou Carbone

Absent: Gene Vetrano, Allen Shepard

Also Present: Director of Public Work Fred Hurley, Veolia Representative Julio Segarra

Public Participation – None

Minutes - M. Benedict moved to approve the minutes of the May 11, 2023 meeting. **L. Carbone** seconded, all in favor.

Report by Veolia – Julio Segarra gave the following updates: Water flow has dropped to 1.5 or 150,000 gallons since the Fairfield Hills sanitary separation was completed. There were no issues after the first big rain at Fairfield Hills. The turbine mixer will be replaced as a part of the capital improvement plan project. The rotarmat replacements were completed. Generators have been serviced. Stations have been cleaned and serviced. Grinder pumps have been replaced. There was a small spill on private property at Church Hill Village Center and was remedied by them. He will be completing toxicity testing this week and next at Reverie Brewery but believes they have identified the issue as an overuse of cleaning solution to disinfect their beer tanks.

Report by Public Works Director – Fred Hurley expressed concern that some of the private sewer collection systems aren't being maintained properly by their owners. He is currently working with the health department to identify who has a private sewer collection system. He is also working on writing regulations and enforcement rules that can be adopted by the Water and Sewer Authority to ensure proper maintenance.

Report of GIS Project – Fred Hurley gave an update that the Town of Newtown GIS employee recently resigned from her position, but fortunately the work for the Water and Sewer Authority was completed prior to her leaving. There is a new individual who will be starting has limited experience with Water and Sewer but has the skills to learn and hopefully will take on in the future.

UNFINISHED BUSINESS

FFH Water/Sewer System Improvement – Fred Hurley gave an update on both improvement plans. The sewer system improvements are complete. Reimbursements have been held up due to attorney issues but will be remedied soon. For the water system improvements, he stated that originally, they expected 3.5 million in funding to complete this project, but at this time only 1.5 million will be available. Bids have been received and they will begin work as soon as the respective boards have completed their

approvals. The company will complete as much work as possible with the funding available at this time. Mr. Hurley reminded everyone that the engineers plans included the entire scope of work needed so they could apply for grants to complete the work.

Financials – Fred Hurley reviewed the proposed budget (see attached). There were no big changes from last year. A brief discussion resulted about how much Newtown charges for water usage rates, and how they compare to other towns. Mr. Hurley reminded the authority that he is working with Waterworth to get better answers regarding rates and projected costs, but at this time Newtown's rates are average compared to other local towns.

I&I – Julio Segarra gave an update for the Hanover area, in which they are looking into manholes to prepare a repair list and cost analysis.

Glen Road Sewer Extension – Fred Hurley updated that at this time everything is on hold.

8 Hillcrest Drive Request to Hook Up – Fred Hurley updated that they are waiting for the request.

20 & 60 Castle Hill Road, Sewer Extension Request – Fred Hurley updated that the owners are currently working with the Land Use Agency and no formal request to WSA for hook up has been made.

NEW BUSINESS

Authorization and request appropriation for funding for well #7 and #8 rehabilitation project –

Whereas wells #7 and #8 of the Fairfield Hills Water system are the singular source of potable water for critical facilities of both the State of CT and the Town of Newtown and;

Whereas both wells need to be in complete operating condition to have full redundancy and guarantee a resilient water source;

Therefore, be it resolved that,

The Newtown Water and Sewer Authority authorizes the expenditure and requests the appropriation of up to \$975,000 for the full update and rehabilitation of wells #7 and #8 of the Fairfield Hills water system. Said expenditures shall include all construction costs, engineering and inspection costs, bonding costs and any other administrative costs relevant to the project.

Said expenditure shall be funded in a form deemed appropriate by the Town of Newtown Finance Director, Municipal Bond Counsel and appropriate approval boards.

The funding requests shall be fully repaid by a benefit assessment to be levied on the users of the system prorated on their percentage of direct usage.

Carl Zencey made a motion to accept the above request for appropriation for funding for well #7 and #8 rehabilitation project. Vanessa Tobin seconded, all in favor.

Review and accept recommendation of engineer for award of well #7 and #8 rehabilitation project –

Fred Hurley reviewed the a attached letter from H2M Architects + Engineers.

Vanessa Tobin made a motion to accept the recommendation of the engineer for award of well #7 and #8 Rehabilitation Project. Lou Carbone seconded, all in favor.

Review and redefine ARP well rehabilitation project at Fairfield Hills Main Campus –

Whereas capital projects costs including sewer and water projects have doubled or more over the past several years and;

Whereas ARP funding approved for water system improvements at Fairfield Hills campus was set at \$1,500,000 with the understanding that there would be no benefit assessment to users as a result of these funds.

Therefore, we authorize and direct that the ARP project construction costs be limited to the primary objective of distribution lines in the main campus or project #1 as presented in 2022 (copy attached).

Further, that this project be divided into component parts using bid alternates to keep the overall project budget in balance with the initial funding authorization of \$1,500,000 and that no requirement for this effort result in the need for a benefit assessment on users.

Finally, the engineer will still complete the overall plan and receive review and approval from the CT Department of Public Health but is only authorized with preparation of bids for project #1.

After a brief review of the above, a brief discussion succeeded with all in favor of Fred Hurley proceeding accordingly.

Having no further business, the meeting was adjourned at **8:13pm**.

Respectfully submitted,

Nicole Kullgren, Clerk

June 26, 2023

Mr. Fred Hurley
Town of Newtown
4 Turkey Hill Road
Newtown, Connecticut 06470

**Re: Town of Newtown
Rehabilitation of FFH Well No. 8 and Minor Improvements of Well No. 7
Letter of Recommendation
H2M Project No.: NEWT2251
Town RFP no.: 2023-27**

Mr. Hurley:

On Wednesday, June 14, 2023, bids were received by the Town for the above referenced project. A total of two (2) bids were received. As indicated on the attached bid tabulation sheet, the lowest bidder is:

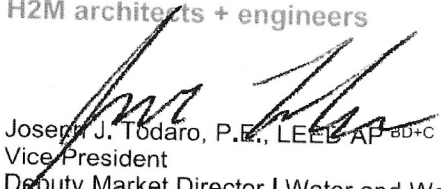
**D'Amato Construction Company, INC.
10 Main St
Bristol, CT 06010**

The total base bid is **\$804,797.00**.

In addition to The Town having previous work experience with the bidder, we have investigated the qualifications submitted and have found them to be a qualified and responsible contractor. D'Amato Construction Company has successfully completed similar projects for various water suppliers over the past few years. It is our opinion that D'Amato Construction Company is qualified, and their bid prices are fair and reasonable. Therefore, based on provided qualifications and performance on similar projects, we recommend the Town award the contract to the lowest responsible bidder, D'Amato Construction Company of Bristol, Connecticut, in the amount of **\$804,797.00**.

If you have any further questions regarding the above letter, please contact the undersigned at (866) 970-6535 extension 1445.

Very truly yours,
H2M architects + engineers


Joseph J. Todaro, P.E., LEED-AP BD+C
Vice President
Deputy Market Director | Water and Wastewater

JJT:jek

Enclosure: Bid Tabulation

ecc: Kerri Mubarek - NEWT

X:\NEWT (Town of Newtown, CT)\NEWT2251 - Fairfield Hills Campus Water Distribution System Replacement\03-Bid (Well)\Recommendation

OWNER NAME: TOWN OF NEWTOWN



PROJECT TITLE: REHABILITATION OF FFH WELL NO. 8 AND MINOR IMPROVEMENTS OF WELL NO. 7

TOWN RFP NO. 2023-27
PROJECT NO.: NEWT2251

BID DATE: JUNE 14, 2023

				D'Amato Construction Company, Inc. Bristol, CT	Philip Ross Industries, Inc. Melville, NY
				5% BB or CC	5% BB
ITEM NO.	DESCRIPTION	QTY.	UNITS	TOTAL PRICE	TOTAL PRICE
1	Mobilization, Demobilization, And Final Restoration	1	LS	\$ 45,100.00	\$ 90,000.00
2	Selective Demolition Work	1	LS	\$ 47,500.00	\$ 14,000.00
3	Well Testing (Alternate)	1	LS	\$ 17,190.00	\$ 17,000.00
4	Painting Well No. 8 Room	1	LS	\$ 15,500.00	\$ 16,000.00
5	Well Cleaning	1	LS	\$ 17,748.00	\$ 18,000.00
6	Install Well No. 8 Liner	1	LS	\$ 65,982.00	\$ 67,000.00
7	Well No. 8 Development	1	LS	\$ 106,289.00	\$ 113,000.00
8	New Well No. 8 Pumping Unit And Accessories	1	LS	\$ 30,612.00	\$ 31,000.00
9	Pump Column Assembly	42	LF	\$ 16,200.00	\$ 16,000.00
10	Extension Of Well No. 8 Pumpbase And Accessories	1	LS	\$ 15,660.00	\$ 12,000.00
11	New Well No. 8 Pumping Unit And Accessories	1	LS	In Items 8 and 12	In Items 8 and 12
12	Final Pump Testing And Startup	1	LS	\$ 4,350.00	\$ 5,000.00
13	New Electric Motor	1	LS	\$ 9,522.00	\$ 10,000.00
14	New Piping And Accessories	1	LS	\$ 84,500.00	\$ 30,000.00
15	General Mechanical Work At Well No. 8	1	LS	\$ 36,500.00	\$ 16,000.00
16	New Electrical Work At Well No. 8	1	LS	\$ 40,288.00	\$ 36,000.00
17	New Generator Docking Station	1	LS	\$ 18,000.00	\$ 20,000.00
18	New Motor Control Center	1	LS	\$ 60,000.00	\$ 128,000.00
19	New Controls At Well No. 8	1	LS	\$ 16,700.00	\$ 22,000.00
20	Disinfection And Water Quality Testing Work At Well No. 8	1	LS	\$ 18,488.00	\$ 19,000.00
21	Well No. 7 Ground Water Monitoring System	1	LS	\$ 25,980.00	\$ 26,000.00
22	New Electrical Work At Well No. 7	1	LS	\$ 21,550.00	\$ 18,000.00
23	Disinfection And Water Quality Testing Work At Well No. 7	1	LS	\$ 18,438.00	\$ 18,000.00
24	Cash Allowances - Laboratory Testing	1	LS	\$ 10,000.00	\$ 10,000.00
25	Cash Allowances - Contingency Account	1	LS	\$ 50,000.00	\$ 50,000.00
26	Project Record Documents & Spare Parts	1	LS	\$ 12,700.00	\$ 10,000.00
TOTAL BASE BID (SUM OF ITEMS 1-26)				\$804,797.00	\$812,000.00



TOWN OF NEWTOWN

PUBLIC WORKS DEPARTMENT

Fairfield Hills Water System Improvement Project 2022

The Newtown Water and Sewer Authority (WSA) has the responsibility, since 2004, for the potable water system developed by the State of CT to service the Fairfield Hills Campus. To date the WSA has completely rebuilt or overhauled two (2) of the system's three (3) main supply wells; the Main Pump House and all electric lines between all three wells and the Main Pump House. They have also refurbished the two (2) half million gallon storage bunkers as well as exercised all system valves and over forty (40) fire hydrants.

The projects enumerated here will cover the balance of the work necessary to complete the rehabilitation of the entire system. The projects will be broken into packages to make them more compatible with priorities of scheduling and available funding levels. The initial package will have as one of its goals to mirror work in all roadways being impacted by the EDA supported sanitary sewer project this summer with the intent of only having to repave the impacted roadways one time.

The operating assumptions for all phases are the following:

1. All CI (cast iron pipe) and DIP (ductile iron pipe) will be replaced in entirety with HDPE (high density poly ethylene) or where practical with slip streamed plastic liner.
2. All valves, as necessary, will be replaced.
3. All hydrants not previously upgraded to be replaced.
4. All buildings in current use to get new laterals if not previously replaced.
5. All unoccupied buildings to get a curb box hook up valve for possible future use.

Project #1

Replace Distribution Lines in the Central Campus

4,800' of 8" x \$105 per linear foot	= \$504,000
1,200' of 10" x \$115 per linear foot	= \$138,000
Hydrants (8) x \$8,500	= \$68,000
Engineering/Oversight	= \$30,000

Project #1 Total = \$740,000

Project #2 Connect Distribution Main Lines to Central Campus

2,200' 16" x \$125 per linear foot = \$275,000

2,000 12" x \$120 per linear foot = \$240,000

Engineering/Oversight = \$25,000

Project #2 Total = \$540,000

Project #3 Connect Central Campus Distribution to North Campus

2,000' 8" x \$105 per linear foot = \$210,000

Engineering/Oversight = \$10,000

Project #3 Total = \$220,000

Project #4

Well #8 Overhaul / Aquarion Interconnection

Well #8 Overhaul = \$375,000

Aquarion Interconnection = \$75,000

Engineering/Oversight = \$25,000

Project #4 Total = \$475,000

Project #5 Replace Connection of Wells #7 & #8 to Main Pump House

4,300' of 10" x \$115 per linear foot = \$494,500

Engineering/Oversight = \$25,500

Total Project #5 = \$520,000

For the purposes of the current request for \$1,500,000. We would recommend selection of Projects #1, #2 and #3 totaling \$1,500,000.

Submitted by:

Frederick W. Hurley

Director of Public Works

SEWER ENTERPRISE

SEWER BUDGET

ACCOUNT #				ACCOUNT NAME	PROPOSED	ACTUALS
					23/24	22/23 YTD
REVENUES						
2-190-	02-800-	4280	-0000	STATE GRANTS		565032
2-190-	02-800-	4290	-0000	FEDERAL GRANTS		
2-190-	03-800-	4335	-0000	INSPECTIONS & OTHER FEES		
2-190-	03-800-	4390	-0000	SEWER USE CHARGES	\$892,925	886,133
2-190-	03-800-	4500	-0000	MISC REVENUE	\$7,500	7,429
2-190-	04-800-	4400	-0000	INTEREST ON INVESTMENTS	\$20,000	18,685
2-190-	05-800-	4391	-0000	SEWER USE PENALTY		
2-190-	05-800-	4392	-0000	SEWER ASSESSMENTS		
2-190-	05-800-	4393	-0000	SEWER ASSESS INTEREST	\$390,000	
2-190-	05-800-	4394	-0000	SEWER ASSESS PENALTY	\$5,000	2,136
2-190-	05-800-	4395	-0000	SEPTIC ASSESSMENTS		-
2-190-	05-800-	4396	-0000	SEPTIC PENALTY		-
2-190-	05-800-	4397	-0000	SEWER BENEFIT CHARGE		
				TOTAL	\$1,315,425	1,479,415
EXPENSES						
190	13-800	5110	0000	SEWER SALARIES REGULAR		25000
1-190-	13-800-	5720	-0000	SOCIAL SECURITY CONTR	-	1,956.74
1-190-	13-800-	5301	-0000	FEES & PROF SERVICES		\$33,005
1-190-	13-800-	5310	-0000	PROF SVS - TOWN SVS	\$135,000	\$122,625
1-190-	13-800-	5350	-0000	PROF SVS - LEGAL	\$5,000	
1-190-	13-800-	5385	-0000	PROF SVS - APPRAISAL	\$5,000	
1-190-	13-800-	5411	-0000	UTILITY - WATER	\$3,000	\$2,952
1-190-	13-800-	5505	-0000	CONTRACT SVS - O&M	\$684,425	\$578,791
1-190-	13-800-	5506	-0000	CONTRACT SVS - REIMBURSABLES	\$240,000	\$237,808
1-190-	13-800-	5621	-0000	UTILITY - NATURAL GAS	\$23,000	\$19,377
1-190-	13-800-	5622	-0000	UTILITY - ELECTRICITY	\$80,000	\$63,375
1-190-	13-800-	5749	-0000	CAPITAL OUTLAY	\$65,000	\$192,300
1-190-	13-800-	5800	-0000	OTHER EXPENSES	15,000.00	23,284.00
1-190-	13-800-	5802	-0000	OTHER - HAWLEYVILLE		
1-190-	13-800-	5861	-0000	BOND INTEREST	\$60,000	\$64,303
1-190-	13-800-	5863	-0000	LOAN INTEREST		
1-190-	13-800-	5880	-0000	DEPRECIATION EXPENSE		
				TOTAL	\$1,315,425	\$1,339,776

WATER ENTERPRISE

7/12/2023

WATER BUDGET

ACCOUNT #		ACCOUNT NAME		23/24	22/23
				Proposed	YTD
REVENUES					
2-191-02-800-	4280	-0000	STATE GRANTS		
2-191-02-800-	4290	-0000	FEDERAL GRANTS		
2-191-03-800-	4300	-0000	WATER USE CHARGES	310,000	309,598
2-191-03-800-	4335	-0000	FIRE PROT & OTHER FEES	38,000	38,064
2-191-05-800	4398	0000	WATER BENEFITS		
2-191-05-800	4399	0000	WATER BENEFITS BONDED INTEREST	32,000	31,997
			WATER ENTERPRISE	380,000	379,659
EXPENDITURES					
1-191-13-800-	5301	-0000	FEES & PROF SERVICES	2,500	14,416
1-191-13-800-	5310	-0000	PROF SVS - TOWN SVS	15,000	13,050
1-191-13-800-	5350	-0000	PROF SVS - LEGAL	1,000	
1-191-13-800-	5505	-0000	CONTRACT SVS - O&M	111,500	92,847
1-191-13-800-	5506	-0000	CONTRACT SVS - REIMBURSABLES	60,000	61,520
1-191-13-800-	5607	-0000	WATER SUPPLY - POTATUCK	38,000	31,439
1-191-13-800-	5621	-0000	UTILITY - NATURAL GAS	1,200	1,156
1-191-13-800-	5622	-0000	UTILITY - ELECTRICITY	25,000	18,025
1-191-13-800-	5749	-0000	CAPITAL OUTLAY	0	197,187
1-191-13-800-	5863	-0000	LOAN INTEREST	17,319	17,319
1-191-13-800-	5880	-0000	DEPRECIATION EXPENSE		
			WATER ENTERPRISE	271,519	446,959

*Bunker overhaul