

**Watertown**  
**Water and**  
**Sewer**  
**Authority**  
**Budget**  
**Presentation**  
**FY24-25**



# DWSRF & CWSRF Program Funding Projects

CT DPH DWSRF (Drinking Water State Revolving Fund)

CT DEEP CWSRF (Clean Water State Revolving Fund)

These State Programs provide 80% Funding / Grants with a 20% Match

WSA meets the Subsidy Criteria for up to 50%

- 25% for being a Small Public Water System (PWS) serving under 10,000 customers
- Additional 25% per DCI (Disadvantaged Community Index) State Ranking

# 2023 RECORD RAINFALL PLUS INTENSITY OF STORMS

LOCATION UTILIZED: WATERTOWN RAIN GAUGE

Period	2023	2023 + JAN 2024
Average past 7 years	49"	52"
2022	46"	47"
2023	69"	76"

**WATERBURY CHARGES BY CCF FOR WATER & SEWER**  
**(100 CCF = 748 GALLONS) WATER RATE PLUS 10%: \$2.915**

**SEWER RATE PLUS CRC (CAPITAL RECOVERY CHARGE): \$3.953**

**FY2023 TOTAL WATER BILLED**

	TOTAL CCF	TOTAL MG (MILLION GALLONS)	TOTAL COST
CARVEL	328,000	245 MG	\$ 0.96 M
FERN HILL	139,000	104 MG	\$ 0.41 M
<b>COMBINED TOTALS</b>	467,000	<b>349 MG</b>	<b>\$ 1.36 M</b>

**FY2023 TOTAL SEWER BILLED**

MATTOON	1,171,000	<b>876 MG</b>	<b>\$ 4.62 M</b>
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**TOTAL AMOUNT OF INFLOW & INFILTRATION**

**876 MG - 349 MG = 527 MG**

**TOTAL COST FY2023 FOR INFLOW & INFILTRATION**

**\$ 4.62 M - \$ 1.36 M = \$ 3.26 M**

**FIRE DISTRICT FY2023 BILLED SEWER USAGE**

**292 MG**

**FOCUS IS ON THE ELIMINATION OF 527 MG OF I & I (INFLOW & INFILTRATION) BY BEING PROACTIVE, NOT REACTIVE**

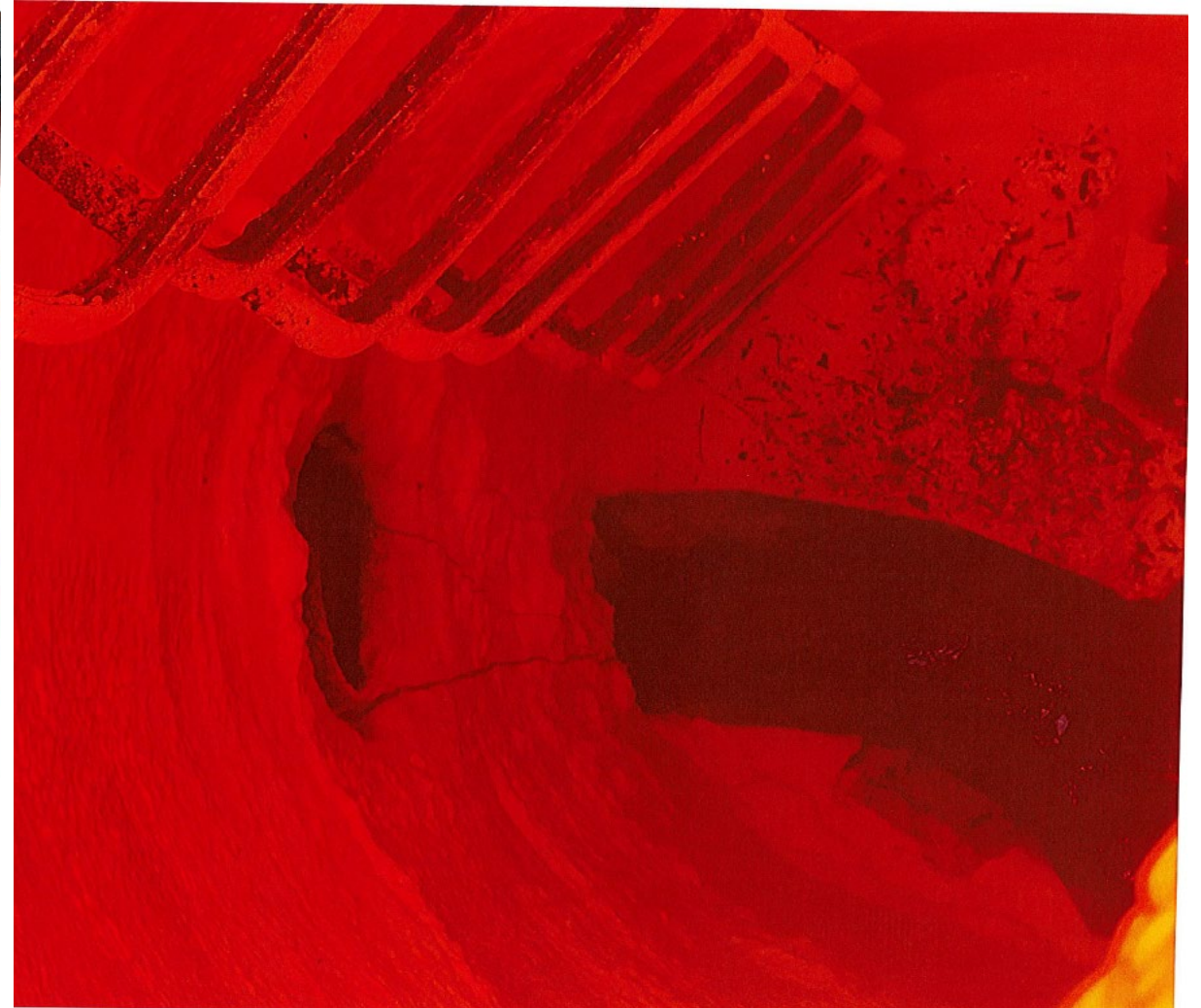
**I & I (INFLOW & INFILTRATION) IS GROUNDWATER THAT ENTERS THROUGH ILLEGAL SUMP PUMP CONNECTIONS, FOOTING DRAINS, GUTTERS, YARD DRAINS, DAMAGED PIPING ( SEWER MAINS, or HOMEOWNER HOUSE-CONNECTIONS / LATERALS ), and MANHOLE STRUCTURES & COVERS**

**IMPLEMENTATION OF A MANHOLE TRAY INSTALLATION PROJECT AS A FIRST STEP THAT WILL PREVENT WATER FROM RAIN, SNOW MELT, HYDRANT FLUSHING, AND WATER MAIN & SERVICE LEAKS FROM ENTERING THE SEWER COLLECTION SYSTEM**

**Project Funding: CT DEEP – CWSRF 80% WSA -20%**

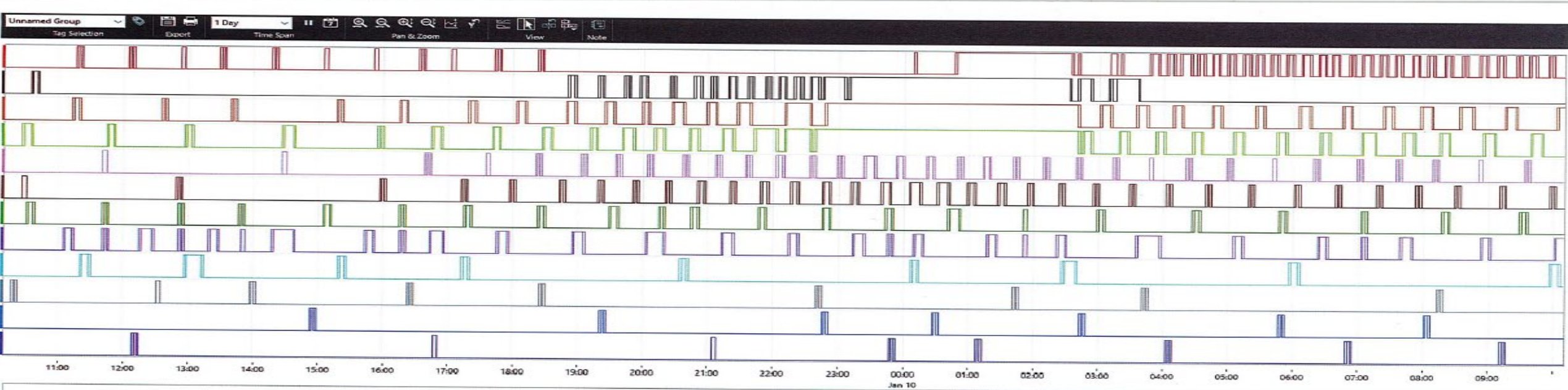
**\*\*May Also Qualify For 50% Subsidy On Some Grants**

**Pilot Project - Manhole Sprayed with an Epoxy for just under \$10,000**



# WSA SEWER PUMP STATIONS

## During 01-09-2024 thru 01-10-2024 Weather Event



Run	Name	Description	Value	Minimum	Maximum	Average	Starts	On Time
✓	Station1\Port 44818\FERN\WW_P1_RUN_STAT	FERN_WW_P1_RUN_STAT		Off	On	0.21	43	05:03:28
✓	Station1\Port 44818\FERN\WW_P2_RUN_STAT	FERN_WW_P2_RUN_STAT		Off	On	0.233	19	05:35:24
✓	Station1\Port 44818\WB1\TP1_RUN_STAT	WB1_P1_RUN_STAT		Off	On	0.316	27	07:29:47
✓	Station1\Port 44818\WB1\TP2_RUN_STAT	WB1_P2_RUN_STAT		Off	On	0.342	28	08:13:12
✓	Station1\Comm Channel\Port 44818\WB2\P1_RUN	WB2_P1_RUN		Off	On	0.0979	33	02:21:08
✓	Station1\Port 44818\WB2\P2_RUN	WB2_P2_RUN		Off	On	0.113	34	02:43:10
✓	Station1\Port 44818\STRAITS\TURNPIKE_P1RUNSTAT	STRAITS_TURNPIKE_P1RUNSTAT		Off	On	0.0855	22	02:03:18
✓	Station1\Port 44818\STRAITS\TURNPIKE_P2RUNSTAT	STRAITS_TURNPIKE_P2RUNSTAT		Off	On	0.171	28	04:05:55
✓	Station1\Port 44818\NW\P1_RUN_STAT	NW_P1_RUN_STAT		Off	On			01:17:17
✓	Station1\Port 44818\NW\P2_RUN_STAT	NW_P2_RUN_STAT		Off	On			00:32:46
✓	Station1\Comm Channel\Port 44818			Off	On			00:23:45
✓	Station1\Comm Channel\Port 44818			Off	On			00:25:27

**FERN HILL SPS CYCLED 54 TIMES OVER 10 HRS 39 MINS**

**WINDING BROOK SPS #1 CYCLED 55 OVER 15 HRS 43 MINS**

**WINDING BROOK SPS #2 CYCLED 67 OVER 5 HRS 4 MINS**

**STRAITS TPKE SPS CYCLED 50 OVER 6 HRS 9 MINS**

# ANNUAL HYDRANT FLUSHING

**ANNUAL HYDRANT FLUSHING AVERAGE USAGE IS 12.2 MG  
18,500 GALLONS X 660 HYDRANTS = 12.2 MG**

**THIS FIGURE IS ON THE LOW SIDE BECAUSE WATER QUALITY &  
SAMPLING DETERMINES THE AMOUNT OF FLUSHING THAT IS  
REQUIRED TO PROPERLY MAINTAIN CHLORINE RESIDUALS & pH  
LEVELS PER STATE & FEDERAL REGULATIONS**

**WEEKLY SAMPLING IS CONDUCTED TO ENSURE THE HIGHEST  
WATER QUALITY IS MAINTAINED THROUGHOUT THE WATER  
DISTRIBUTION SYSTEM**



# NEUTRAL OUTPUT DISCHARGE ELIMINATION SYSTEM (NO-DES)


This enables the WSA not to be billed by Waterbury for water usage during hydrant flushing operations. A typical hydrant flush operation uses in excess of 18,500 gallons per flushing exercise of hydrants, which is on the low side

[Videos & Testimonials |  
NO-DES, Inc.](#)


[https://www.youtube.com  
/watch?v=kXnVupk9fTo](https://www.youtube.com/watch?v=kXnVupk9fTo)

[https://www.youtube.com/wa  
tch?v=k3KHPq6vmzk](https://www.youtube.com/watch?v=k3KHPq6vmzk)

**CLEANING WATER MAINS  
WITHOUT WASTING WATER**



**AWWA  
MEMBER**




The New Way to Flush Water Mains!

**NO-DES INC.**  
Neutral Output Discharge Elimination System

Municipal Water Main Cleaning, Flushing,  
Filtering and Conservation Technology

BMP for Water Loss Prevention Control and  
Water REUSE Technology



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**LEADING BY EXAMPLE  
IN WATER CONSERVATION**

[www.facebook.com/stophydrantflushing](http://www.facebook.com/stophydrantflushing)

[www.no-des.com](http://www.no-des.com)

# THE NO-DES PROCESS

## Neutral Output Discharge Elimination System

NO-DES is the only water distribution system flushing method that improves water quality, eliminates NPDES issues, conserves water & energy, and will pay for itself. This will increase customer confidence and establish you as a leader in the industry. The NO-DES method and process for flushing water distribution systems uses proven technology in an entirely new way. In doing so, NO-DES effectively eliminates the wasting of our most valuable and precious resource - water. Additionally, NPDES issues disappear and flushing costs are reduced! Instead of water flowing out of the fire hydrants and running to waste while your customers watch in anger & irritation - the NO-DES unit filters and re-circulates the water inside the water distribution system to allow year-round flushing without wasting precious drinking water.



### The Answer to Your Water Distribution System Flushing and Conservation Needs

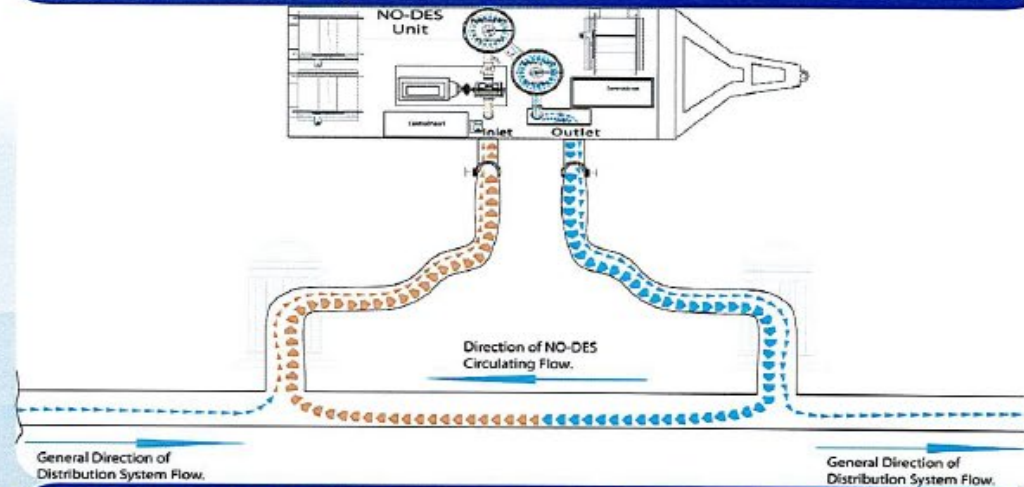
The standard NO-DES unit can operate at up to 1700 gpm, based on the size of the hydrant port, maximum output, length of hose and main being flushed. This makes it possible to flush mains up to 12" at the typically desired 5 ft./sec. velocity and 14" mains at 3 ft./sec. velocity. The NO-DES unit utilizes two filter vessels containing 12 filter bags each, rated at 1 micron absolute. With these 24 filters, the NO-DES patented system allows you to capture and contain biofilm and contaminants. At the end of a NO-DES flush, you are left with water cleaned to below 1 NTU of turbidity and polished water mains. All with virtually no water loss!

### Contract Services and Sales are available!

All units are rated at either 200 or 270 psi max and are custom built on either a diesel truck or a goose-neck trailer.

NO-DES technology cleans the inside of your water mains by creating an above-ground loop between two fire hydrants. It then pumps the water through the loop at high velocity, scouring and removing debris and biofilm, and filters the water down to 1 micron absolute, providing improved water quality for your customers.

NOTE: Once the NO-DES equipment is disinfected (like a new main installation) it becomes part of your distribution system. There is no water taken out, then put back in. The distribution system water is circulated between the main and the NO-DES equipment; both are part of your distribution system.



### The NO-DES technology can be used for these applications and more, all without wasting water.

- \*New Main Disinfection - Plus De-Chlorination (Captor)
- \*Tank or Reservoir Cleaning, Inspecting, Maintenance or Draining - With Divers
- \*Fire Service Testing (Hospitals, Hotels, Arenas, Schools, Buildings, etc.)
- \*Distribution Disinfection - Chlorine & Chloramine Residual Maintenance
- \*GAC and Other Filter Vessel Back-Washing - Reducing Hazardous Waste Disposal Costs
- \*Fire Main Cleaning
- \*Large Meter Calibration Programs
- \*Booster/Transfer Pump or Jumper Tool Operations
- \*Water Treatment Plant Augmentation
- \*Bypassing Burst Main      \*Leak Detection      \*Well Rehab
- \*High Pressure Water Jetting      \*Video Maintenance

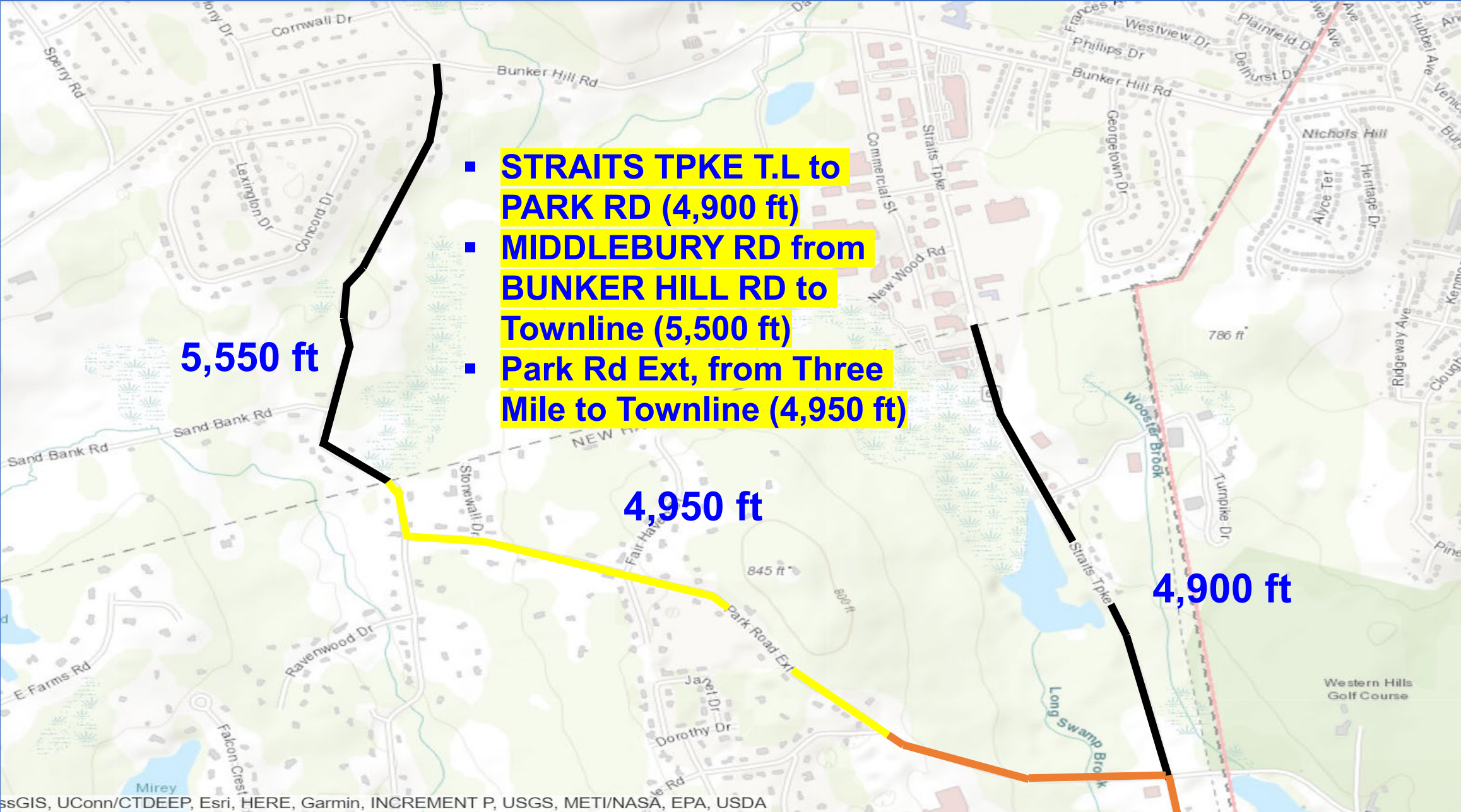
# FEDERAL EPA & CT DPH MANDATED LCRI (Lead & Copper Rule Improvements) REGULATIONS FOR THE REMOVAL OF LEAD SERVICE LINES

- A multifaceted / multi-year project to eliminate lead line services per LCRI (Lead & Copper Rule Improvements) Regulations throughout WSA Water Distribution System, and on the property owner's portion within 10-years per the LCRI Regulations
- The approximate water service renewal cost is between \$10,000.00 - \$20,000.00 just for the WSA portion of the water service line that would contain LEAD
- WSA has a total of 4,210 water customer accounts

Example: 1,500 Customers x \$15,000 (median average) = \$22,500,000.00

\*\* WSA will not have to renew or replace all 4,210 water services due to ongoing evaluation

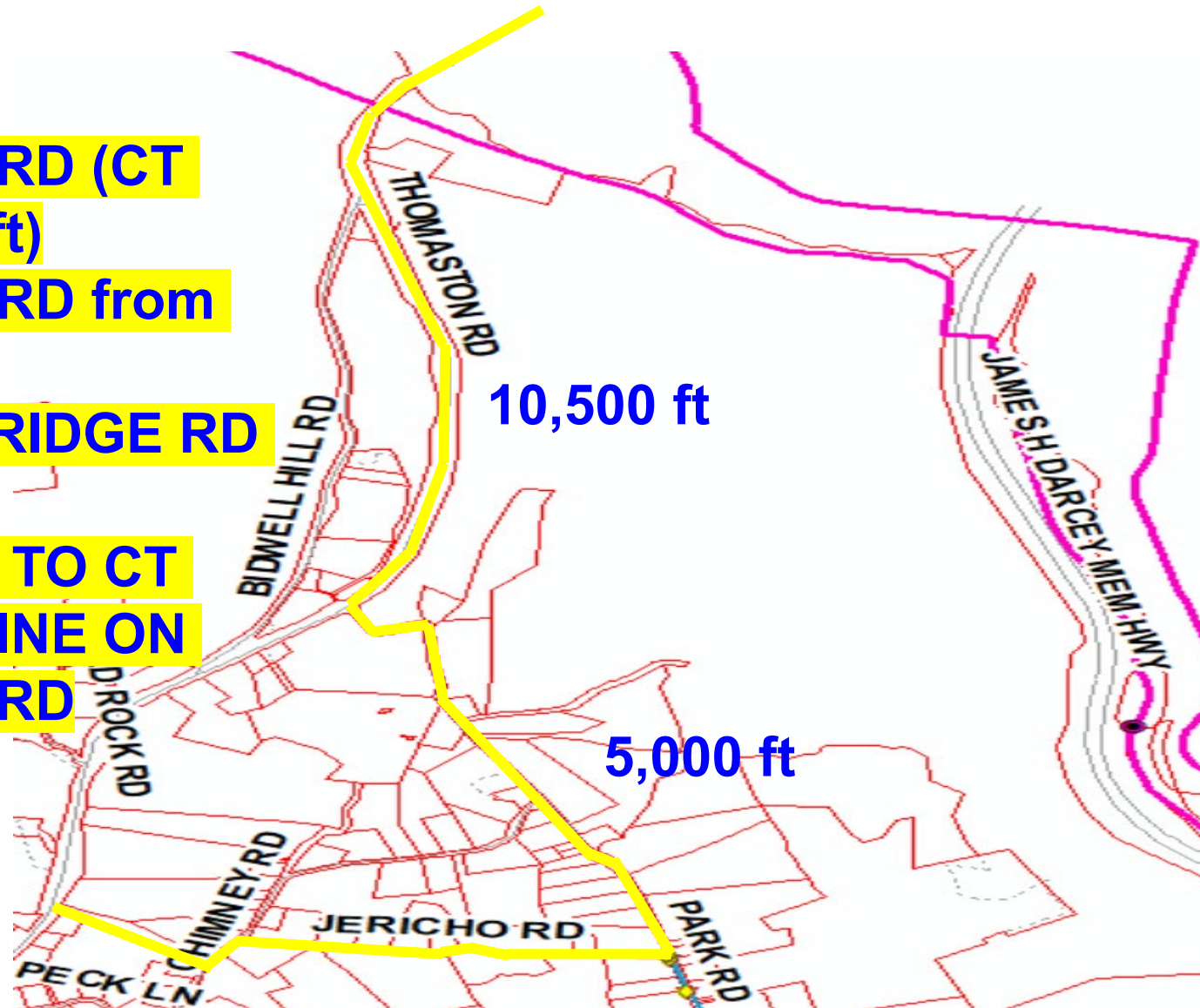
# PROPOSED INTER-MUNICIPAL CONNECTION WITH CT WATER



- STRAITS TPKE T.L to PARK RD (4,900 ft)
- MIDDLEBURY RD from BUNKER HILL RD to Townline (5,500 ft)
- Park Rd Ext, from Three Mile to Townline (4,950 ft)

# PROPOSED INTER-MUNICIPAL CONNECTION WITH CT WATER

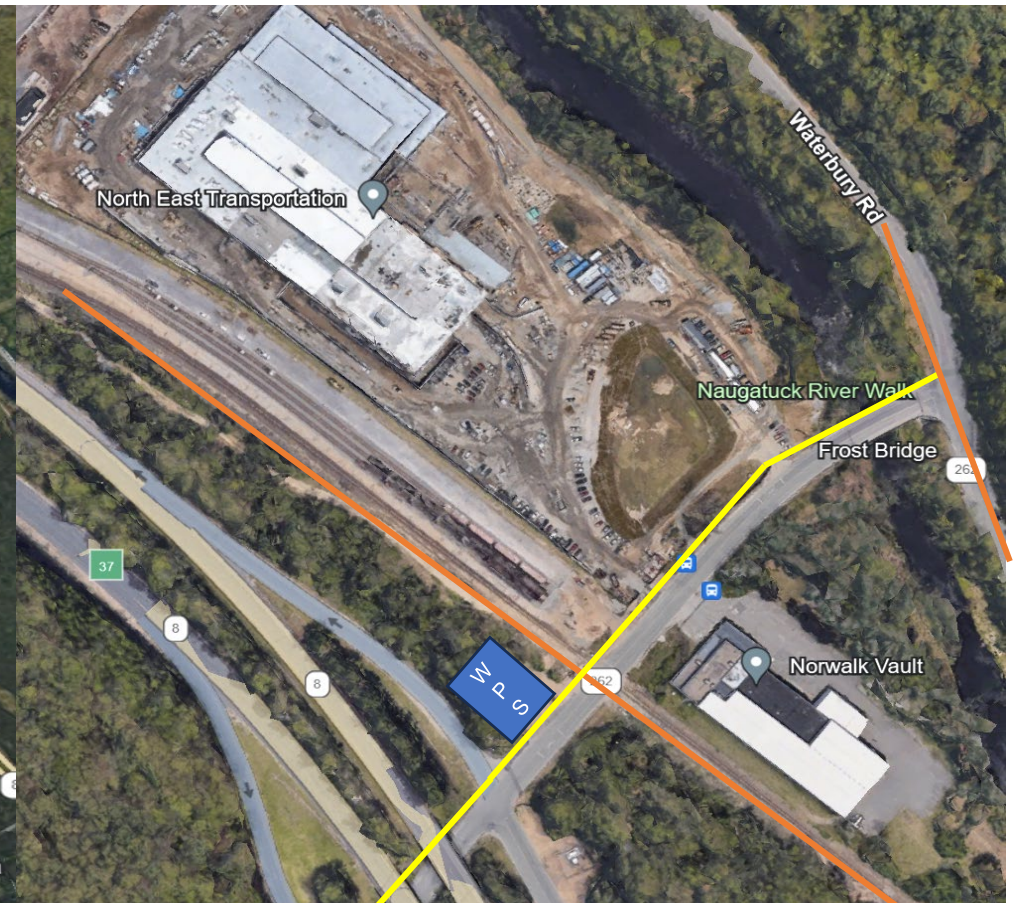
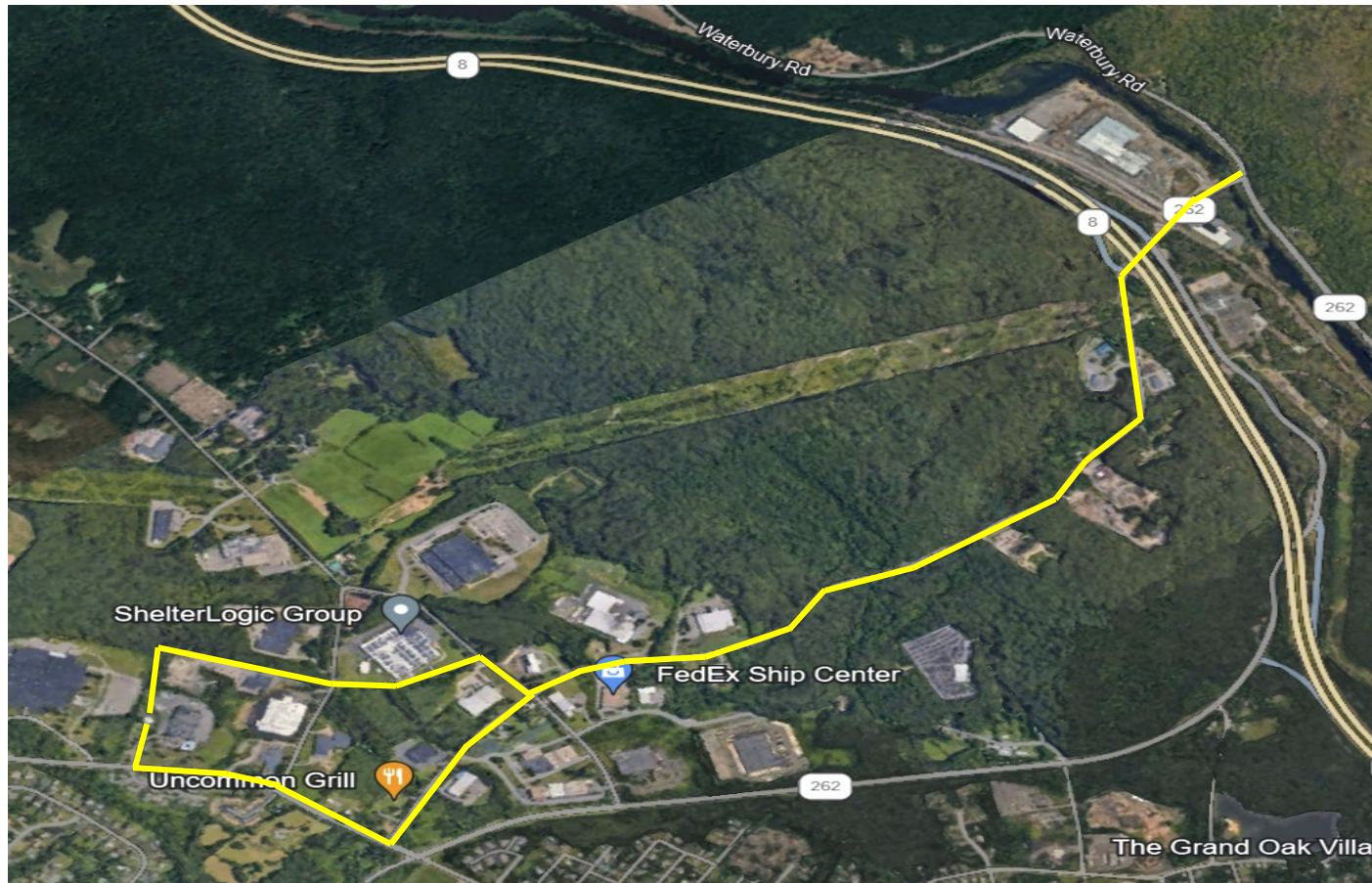
- PARK RD to THOMASTON RD (CT RTE 6) (5,000 ft)
- THOMASTON RD from PARK RD to REYNOLDS BRIDGE RD or NEAREST CONNECTION TO CT WATER PIPELINE ON THOMASTON RD
- 10,500 FT +/-



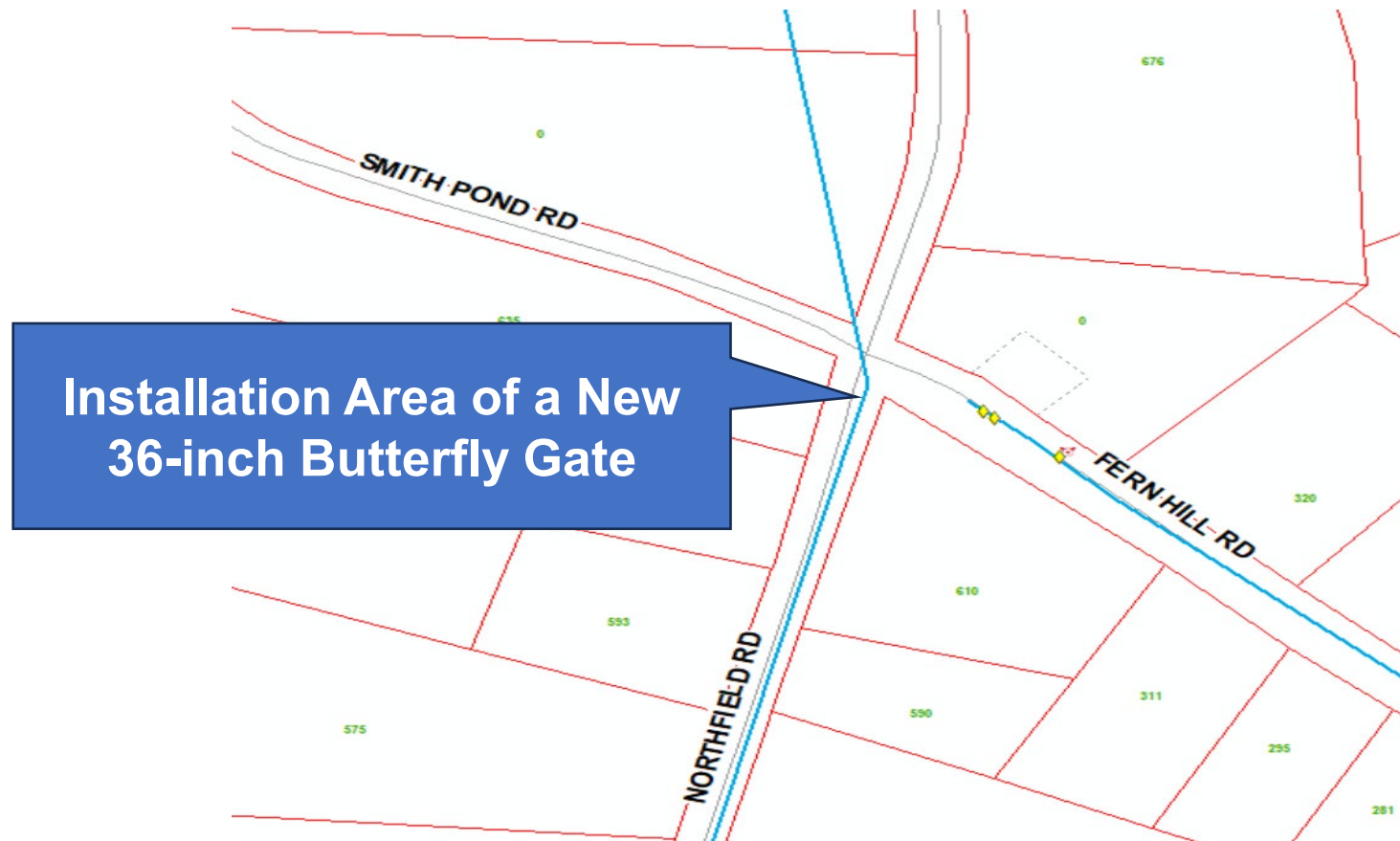
# WSA ECHO LAKE BOOSTER STATION

Installation of New Water Pump Station on Echo Lake Rd at the junction of CT RTE 8 along with the installation of piping from the Waterbury 39-inch Low Service Line and the 42-inch High Service Line

This Allows Waterbury to Maintain Water Flow to WSA Water Tanks & Distribution System



**Installation of New 36-inch Butterfly Gate at Fern Hill Water Pump Station  
to be able to maintain water feed if a break or failure occurs downstream of the  
Fern Hill WPS Service Connection that feeds the Scovill Water Storage Tank &  
Distribution System**



**THE BUDGET FUND LINE ITEMS HAVE BEEN GROUP  
TOGETHER TO MAKE IT FLOW EASIER THAN GOING  
THROUGH THE INDIVIDUAL FUNDS**





		<b>FISCAL YEAR</b>	<b>FISCAL YEAR</b>			
<b>Account</b>	<b>Description</b>	<b>2023-2024</b>	<b>2024-2025</b>	<b>INCREASE</b>	<b>INCREASE</b>	
		<b>Town Council</b>	<b>Department</b>	<b>DECREASE</b>	<b>DECREASE</b>	
		<b>Approved</b>	<b>Recommended</b>	<b>PERCENTAGE</b>	<b>DOLLARS</b>	
015.50344.074.0000.9015	SEWAGE DISPOSAL	\$1,000,000.00	\$1,250,000.00	25.00%	\$250,000.00	↑
017.50324.075.0000.9017	UTILITIES - WATER	\$800,000.00	\$1,000,000.00	25.00%	\$200,000.00	↑
015.50323.074.0000.9015	UTILITIES - ELECTRIC	\$60,000.00	\$80,000.00	33.33%	\$20,000.00	↑
017.50323.075.0000.9017	UTILITIES - ELECTRIC	\$90,000.00	\$110,000.00	22.22%	\$20,000.00	↑
015.50351.074.0000.9015	UTILITIES - PROPANE	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
017.50351.075.0000.9017	UTILITIES - PROPANE	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
015.50480.074.0000.9015	FUEL - GASOLINE	\$2,500.00	\$3,000.00	20.00%	\$500.00	↑
017.50480.075.0000.9017	FUEL - GASOLINE	\$2,500.00	\$3,000.00	20.00%	\$500.00	↑
015.50318.074.0369.9015	LAB SAMPLES	\$1,000.00	\$10,000.00	900.00%	\$9,000.00	↑
017.50318.075.0369.9017	LAB SAMPLES	\$7,000.00	\$10,000.00	42.86%	\$3,000.00	↑
017.50581.075.0000.9017	TRANSFER TO 013_W_EXT	\$0.00	\$200,000.00	200000.00%	\$200,000.00	↑
017.50605.075.0000.9017	TRANSFER TO 019_W&S_DEBT	\$0.00	\$169,195.00	169195.00%	\$169,195.00	↑
015.50590.074.0000.9015	TRANSFER TO SEWER CAPITAL	\$259,750.00	\$378,000.00	45.52%	\$118,250.00	↑
015.50591.074.0000.9015	TRANSFER TO 014- SEWER EXTENSON	\$0.00	\$20,000.00	20000.00%	\$20,000.00	↑
015.50605.074.0000.9015	TRANSFER TO W&S DEBT	\$426,490.00	\$169,195.00	-60.33%	-\$257,295.00	↓
017.50580.075.0000.9017	TRANSFER TO WATER CAPITAL	\$280,000.00	\$200,000.00	-28.57%	-\$80,000.00	↓
013.50523.121.2458.9013	SYLVAN LAKE/DINUNZIO ROAD	\$0.00	\$99,331.00	99331.00%	\$99,331.00	↑
013.50523.121.2767.9013	BEARDSLEY ST 220' - 6	\$0.00	\$72,419.00	72419.00%	\$72,419.00	↑
013.50523.121.2767.9013	CONCORD/WINNEMAUG WATER EXT.	\$0.00	\$10,174.00	10174.00%	\$10,174.00	↑

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		<u>Approved</u>	<u>Recommended</u>	<u>PERCENTAGE</u>	<u>DOLLARS</u>	
015.50110.074.1784.9015	WSA SUPERINTENDENT / ENGINEER	\$6,000.00	\$57,500.00	858.33%	\$51,500.00	↑
017.50110.075.1784.9017	WSA SUPERINTENDENT / ENGINEER	\$6,000.00	\$57,500.00	858.33%	\$51,500.00	↑
015.50110.074.1702.9015	WSA ASSISTANT SUPERINTENDENT / ENGINEER	\$50,000.00	\$10,000.00	-80.00%	-\$40,000.00	↓
017.50110.075.1702.9017	WSA ASSISTANT SUPERINTENDENT / ENGINEER	\$50,000.00	\$10,000.00	-80.00%	-\$40,000.00	↓
015.50110.074.3162.9015	WSA CHIEF MAINTAINER	\$0.00	\$43,150.00	43150.00%	\$43,150.00	↑
017.50110.074.3162.9017	WSA CHIEF MAINTAINER	\$0.00	\$43,150.00	43150.00%	\$43,150.00	↑
015.50110.074.3163.9015	WSA BUSINESS ANALYST	\$0.00	\$27,094.00	27094.00%	\$27,094.00	↑
017.50110.074.3163.9017	WSA BUSINESS ANALYST	\$0.00	\$27,094.00	27094.00%	\$27,094.00	↑
015.50110.074.0726.9015	WSA W & S SUPERVISOR	\$41,289.00	\$42,320.00	2.50%	\$1,031.00	↑
017.50110.075.0726.9017	WSA W & S SUPERVISOR	\$41,289.00	\$42,320.00	2.50%	\$1,031.00	↑
015.50110.074.3160.9015	WSA CONTROLLER	\$0.00	\$35,718.00	35718.00%	\$35,718.00	↑
017.50110.074.3160.9017	WSA CONTROLLER	\$0.00	\$35,718.00	35718.00%	\$35,718.00	↑
015.50110.074.3111.9015	WSA OFFICE MANAGER	\$33,215.00	\$0.00	-100.00%	-\$33,215.00	↓
017.50110.075.3111.9017	WSA OFFICE MANAGER	\$33,215.00	\$0.00	-100.00%	-\$33,215.00	↓
015.50110.074.0037.9015	WSA BOOKKEEPER II	\$0.00	\$0.00	0.00%	\$0.00	X
017.50110.075.0037.9017	WSA BOOKKEEPER II	\$0.00	\$0.00	0.00%	\$0.00	X
015.50110.074.2110.9015	WSA ADMIN ASSISTANT	\$20,220.00	\$22,241.00	10.00%	\$2,021.00	↑
017.50110.075.2110.9017	WSA ADMIN ASSISTANT	\$20,220.00	\$22,241.00	10.00%	\$2,021.00	↑
015.50110.074.0038.9015	WSA BOOKKEEPER I	\$20,676.00	\$20,721.00	0.22%	\$45.00	↑
017.50110.075.0038.9017	WSA BOOKKEEPER I	\$20,676.00	\$20,721.00	0.22%	\$45.00	↑
015.50110.074.0259.9015	WSA UTILITY MAINTAINER II ( UM-II )	\$71,552.00	\$108,505.54	51.65%	\$36,953.54	↑
017.50110.075.0259.9017	WSA UTILITY MAINTAINER II ( UM-II )	\$71,552.00	\$108,506.00	51.65%	\$36,954.00	↑
015.50110.074.0258.9015	WSA UTILITY MAINTAINER / METER READER ( UM-I )	\$33,582.00	\$5,000.00	-85.11%	-\$28,582.00	↓
017.50110.075.0258.9017	WSA UTILITY MAINTAINER / METER READER ( UM-I )	\$33,582.00	\$5,000.00	-85.11%	-\$28,582.00	↓
015.50120.074.0034.9015	WSA ENGINEERING TECHNICIAN I	\$10,000.00	\$20,000.00	100.00%	\$10,000.00	↑
017.50120.075.0034.9017	WSA ENGINEERING TECHNICIAN I	\$0.00	\$20,000.00	20000.00%	\$20,000.00	↑
015.50120.074.0247.9015	WSA INSPECTOR PART-TIME	\$2,500.00	\$10,000.00	300.00%	\$7,500.00	↑
017.50120.075.0247.9017	WSA INSPECTOR PART-TIME	\$2,500.00	\$10,000.00	300.00%	\$7,500.00	↑
015.50120.074.0077.9015	WSA CUSTODIAN	\$1,500.00	\$2,110.00	40.67%	\$610.00	↑
017.50120.075.0077.9017	WSA CUSTODIAN	\$1,500.00	\$2,110.00	40.67%	\$610.00	↑
015.50120.074.0043.9015	WSA MINUTES SECRETARY	\$1,000.00	\$1,000.00	0.00%	\$0.00	=
017.50120.075.0043.9017	WSA MINUTES SECRETARY	\$1,000.00	\$1,000.00	0.00%	\$0.00	=

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016.50553.076.3166.9016	VEHICLE REPLACEMENT OF FORD FUSION SEDAN	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
018.50553.077.3166.9018	VEHICLE REPLACEMENT OF FORD FUSION SEDAN	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
016.50553.076.3165.9016	VEHICLE REPLACEMENT OF TRANSIT	\$0.00	\$45,000.00	45000.00%	\$45,000.00	↑
018.50553.077.3165.9018	VEHICLE REPLACEMENT OF TRANSIT	\$0.00	\$45,000.00	45000.00%	\$45,000.00	↑
015.50318.074.0356.9015	INFILTRATION INFLOW	\$5,000.00	\$50,000.00	900.00%	\$45,000.00	↑
016.50529.076.3170.9016	INFILTRATION INFLOW - PHASE I	\$0.00	\$80,000.00	80000.00%	\$80,000.00	↑
013.50523.121.3153.9013	FREDERICK ST / FALLS TER WATER EXT - 250'	\$0.00	\$75,000.00	75000.00%	\$75,000.00	↑
018.50529.077.3176.9018	REPLACEMENT OF 2" MAIN WITH 6" MAIN - PHASE I	\$0.00	\$75,000.00	75000.00%	\$75,000.00	↑
016.50529.076.3169.9016	WATER METER AMI PROJECT - PHASE I	\$0.00	\$70,000.00	70000.00%	\$70,000.00	↑
018.50529.077.3169.9018	WATER METER AMI PROJECT - PHASE I	\$0.00	\$70,000.00	70000.00%	\$70,000.00	↑
013.50523.121.3149.9013	BUNKER HILL RD / STRAITS TPKE WATER EXT 550'	\$50,000.00	\$100,000.00	100.00%	\$50,000.00	↑
013.50523.121.3152.9013	STRAITS / PARK WATER EXT - 5,250'	\$0.00	\$50,000.00	50000.00%	\$50,000.00	↑
018.50529.077.3172.9018	WATER STORAGE TANKS MAINTENANCE & REPAIRS	\$0.00	\$50,000.00	50000.00%	\$50,000.00	↑
014.50523.120.3159.9014	WINNEMAUG ESTATES / BUNKER HILL 7,600' SEWER E	\$0.00	\$50,000.00	50000.00%	\$50,000.00	↑
018.50529.077.2866.9018	BUNKER HILL BOOSTER PUMP STATION	\$0.00	\$50,000.00	50000.00%	\$50,000.00	↑
018.50529.077.3175.9018	ECHO LAKE - BOOSTER PUMP STATION - PHASE I	\$0.00	\$35,000.00	35000.00%	\$35,000.00	↑
013.50523.121.3150.9013	COMMERCIAL / NEW WOOD WATER EXT 550'	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
014.50523.120.3157.9014	CONCORD / LEXINGTON 2,800' SEWER EXT - PHASE II	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
013.50523.121.3156.9013	ELANA DR / EVELYN ST WATER EXT - 1,100'	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
013.50523.121.3155.9013	FALLS AVE CULVERT 8" WATER MAIN RELOCATION	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
013.50523.121.3151.9013	MIDDLEBURY / LOVELY WATER EXT - 2,500'	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
014.50523.120.3158.9014	PLEASANTVIEW ST 475' SEWER EXT - PHASE I	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
016.50523.076.1980.9016	FERN HILL PUMP ST - PHASE I	\$0.00	\$25,000.00	25000.00%	\$25,000.00	↑
018.50529.077.3174.9018	FERN HILL - WTBY 36" MAIN - VALVE - PHASE I	\$0.00	\$20,000.00	20000.00%	\$20,000.00	↑
013.50523.121.3154.9013	THOMASTON RD / FERN HILL WATER EXT - 2,300'	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
016.50529.076.3168.9016	FACILITY SECURITY CAMERAS - PHASE I	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
018.50529.077.3168.9018	FACILITY SECURITY CAMERAS - PHASE I	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
016.50529.076.3167.9016	FACILITY SECURITY FENCING - PHASE I	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
018.50529.077.3167.9018	FACILITY SECURITY FENCING - PHASE I	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
018.50529.077.3171.9018	LCRR - LEAD&COPPER RULE REVISION - PHASE I	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
018.50529.077.3173.9018	NEUTRAL OUTPUT DISCHARGE ELIMINATION SYSTEM	\$0.00	\$15,000.00	15000.00%	\$15,000.00	↑
018.50500.077.3106.9018	ECHO LAKE RD: REMOVE PRV VAULT	\$15,000.00	\$20,000.00	33.33%	\$5,000.00	↑
018.50529.077.1984.9018	CARVEL PIT FLOW METER	\$75,000.00	\$75,000.00	0.00%	\$0.00	=

		<b>FISCAL YEAR</b>	<b>FISCAL YEAR</b>			
<b>Account</b>	<b>Description</b>	<b>2023-2024</b>	<b>2024-2025</b>	<b>INCREASE</b>	<b>INCREASE</b>	
		<b>Town Council</b>	<b>Department</b>	<b>DECREASE</b>	<b>DECREASE</b>	
		<b>Approved</b>	<b>Recommended</b>	<b>PERCENTAGE</b>	<b>DOLLARS</b>	
017.50318.075.0858.9017	WATER MAINTENANCE	\$102,000.00	\$200,000.00	96.08%	\$98,000.00	↑
016.50529.076.2459.9016	SEWER & MH REHAB	\$150,000.00	\$175,000.00	16.67%	\$25,000.00	↑
015.50317.074.3178.9015	SEWER MAINTENANCE	\$0.00	\$35,000.00	35000.00%	\$35,000.00	↑
016.50529.076.2572.9016	3R (REPAIR, REPLACE AND REHAB RESERVE)	\$75,000.00	\$100,000.00	33.33%	\$25,000.00	↑
018.50529.077.2572.9018	3R (REPAIR, REPLACE AND REHAB RESERVE)	\$40,000.00	\$60,000.00	50.00%	\$20,000.00	↑
018.50523.077.1999.9018	WATER MAIN MATERIALS	\$20,000.00	\$30,000.00	50.00%	\$10,000.00	↑
017.50357.075.0000.9017	HYDRANT MAINTENANCE	\$10,000.00	\$15,000.00	50.00%	\$5,000.00	↑
018.50523.077.1782.9018	FIRE HYDRANT	\$40,000.00	\$60,000.00	50.00%	\$20,000.00	↑
015.50561.074.3083.9015	IT	\$10,150.00	\$35,000.00	244.83%	\$24,850.00	↑
017.50561.075.3083.9017	IT	\$10,150.00	\$35,000.00	244.83%	\$24,850.00	↑
015.50310.074.0000.9015	PROF & TECH SERVICES	\$0.00	\$30,000.00	30000.00%	\$30,000.00	↑
017.50310.074.0000.0000	PROF & TECH SERVICES	\$0.00	\$30,000.00	30000.00%	\$30,000.00	↑
016.50561.076.2278.9016	SCADA UPGRADE	\$0.00	\$5,000.00	5000.00%	\$5,000.00	↑
018.50561.077.2278.9018	SCADA UPGRADE	\$0.00	\$5,000.00	5000.00%	\$5,000.00	↑
015.50320.074.1277.9015	RADIO MAINTENANCE	\$0.00	\$2,500.00	2500.00%	\$2,500.00	↑
017.50320.075.1277.9017	RADIO MAINTENANCE	\$0.00	\$2,500.00	2500.00%	\$2,500.00	↑
015.50318.074.0467.9015	PUMPING EQUIPMENT MAINTENANCE	\$12,000.00	\$20,000.00	66.67%	\$8,000.00	↑
017.50318.075.0467.9017	PUMPING EQUIPMENT MAINTENANCE	\$8,000.00	\$20,000.00	150.00%	\$12,000.00	↑
015.50332.074.0000.9015	MAINTENANCE AGREEMENTS	\$1,000.00	\$7,500.00	650.00%	\$6,500.00	↑
017.50332.075.0000.9017	MAINTENANCE AGREEMENTS	\$2,500.00	\$7,500.00	200.00%	\$5,000.00	↑
015.50318.074.0465.9015	INSTRUMENT SERVICE CONTRACT	\$4,000.00	\$12,000.00	200.00%	\$8,000.00	↑
017.50318.075.0465.9017	INSTRUMENT SERVICE CONTRACT	\$7,500.00	\$12,000.00	60.00%	\$4,500.00	↑
015.50318.074.1276.9015	GENERATOR SERVICE CONTRACT	\$6,000.00	\$7,500.00	25.00%	\$1,500.00	↑
017.50318.075.1276.9017	GENERATOR SERVICE CONTRACT	\$4,000.00	\$7,500.00	87.50%	\$3,500.00	↑
015.50317.074.0000.9015	MAINT LAND & BUILDINGS	\$4,000.00	\$7,500.00	87.50%	\$3,500.00	↑
017.50317.075.0000.9017	MAINT LAND & BUILDINGS	\$4,000.00	\$7,500.00	87.50%	\$3,500.00	↑

<u>Account</u>	<u>Description</u>	<u>FISCAL YEAR</u>	<u>FISCAL YEAR</u>			
		<u>2023-2024</u>	<u>2024-2025</u>	<u>INCREASE</u>	<u>INCREASE</u>	
		<u>Town Council</u>	<u>Department</u>	<u>DECREASE</u>	<u>DECREASE</u>	
		<u>Approved</u>	<u>Recommended</u>	<u>PERCENTAGE</u>	<u>DOLLARS</u>	
015.50319.074.0000.9015	VEHICLE MAINTENANCE	\$2,500.00	\$4,500.00	80.00%	\$2,000.00	↑
017.50319.075.0000.9017	VEHICLE MAINTENANCE	\$2,500.00	\$4,500.00	80.00%	\$2,000.00	↑
015.50410.074.0000.9015	BUILDING MAINT SUPPLIES	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
017.50410.075.0000.9017	BUILDING MAINT SUPPLIES	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
015.50415.074.0474.9015	EQUIPT. PARTS - AUTOMOTIVE	\$1,000.00	\$1,500.00	50.00%	\$500.00	↑
017.50415.075.0474.9017	EQUIPT. PARTS - AUTOMOTIVE	\$1,000.00	\$1,500.00	50.00%	\$500.00	↑
015.50425.074.0000.9015	SMALL TOOLS & APPARATUS	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
017.50425.075.0000.9017	SMALL TOOLS & APPARATUS	\$2,000.00	\$3,000.00	50.00%	\$1,000.00	↑
015.50339.074.2277.9015	MEMBERSHIPS	\$250.00	\$5,000.00	1900.00%	\$4,750.00	↑
017.50339.075.0000.9017	MEMBERSHIPS	\$2,200.00	\$5,000.00	127.27%	\$2,800.00	↑
015.50329.074.0000.9015	TRAINING - MTGS W/O TRAVEL	\$500.00	\$5,000.00	900.00%	\$4,500.00	↑
017.50329.075.0000.9017	TRAINING - MTGS W/O TRAVEL	\$3,000.00	\$5,000.00	66.67%	\$2,000.00	↑
015.50338.074.0000.9015	CLOTHING CLEANING	\$0.00	\$500.00	500.00%	\$500.00	↑
017.50338.075.0000.9017	CLOTHING CLEANING	\$0.00	\$500.00	500.00%	\$500.00	↑
015.50337.074.0000.9015	MILEAGE ALLOWANCE	\$300.00	\$1,500.00	400.00%	\$1,200.00	↑
017.50337.075.0000.9017	MILEAGE ALLOWANCE	\$300.00	\$1,500.00	400.00%	\$1,200.00	↑
015.50336.074.0000.9015	ADVERTISING	\$1,250.00	\$3,500.00	180.00%	\$2,250.00	↑
017.50336.075.0000.9017	ADVERTISING	\$1,250.00	\$3,500.00	180.00%	\$2,250.00	↑
015.50146.074.1274.9015	SHOE ALLOWANCE - ORGANIZED	\$150.00	\$150.00	0.00%	\$0.00	=
017.50110.074.3160.9017	SHOE ALLOWANCE - ORGANIZED	\$0.00	\$150.00	150.00%	\$150.00	↑
015.50110.074.0091.9015	WAGE BENEFIT ADJUSTMENT	\$3,000.00	\$7,500.00	150.00%	\$4,500.00	↑
017.50110.075.0091.9017	WAGE BENEFIT ADJUSTMENT	\$3,000.00	\$7,500.00	150.00%	\$4,500.00	↑
015.50334.074.0157.9015	FILE & RELEASE LIEN	\$1,500.00	\$3,000.00	100.00%	\$1,500.00	↑
017.50334.075.0157.9017	FILE & RELEASE LIEN	\$1,500.00	\$3,000.00	100.00%	\$1,500.00	↑
015.50331.074.0678.9015	COPY MACHINE	\$1,500.00	\$2,500.00	66.67%	\$1,000.00	↑
017.50331.075.0678.9017	COPY MACHINE	\$1,500.00	\$2,500.00	66.67%	\$1,000.00	↑

<u>Account</u>	<u>Description</u>	<u>FISCAL YEAR</u>	<u>FISCAL YEAR</u>			
		<u>2023-2024</u>	<u>2024-2025</u>	<u>INCREASE</u>	<u>INCREASE</u>	
		<u>Town Council</u>	<u>Department</u>	<u>DECREASE</u>	<u>DECREASE</u>	
		<u>Approved</u>	<u>Recommended</u>	<u>PERCENTAGE</u>	<u>DOLLARS</u>	
015.50326.074.0000.9015	TELEPHONE	\$5,000.00	\$7,000.00	40.00%	\$2,000.00	↑
017.50326.075.0000.9017	TELEPHONE	\$4,500.00	\$7,000.00	55.56%	\$2,500.00	↑
015.50330.074.0000.9015	PRINTING & BINDING	\$13,000.00	\$20,000.00	53.85%	\$7,000.00	↑
017.50330.075.0000.9017	PRINTING & BINDING	\$19,000.00	\$20,000.00	5.26%	\$1,000.00	↑
015.50130.074.0000.9015	OVERTIME	\$21,000.00	\$25,000.00	19.05%	\$4,000.00	↑
017.50130.075.0000.9017	OVERTIME	\$21,000.00	\$25,000.00	19.05%	\$4,000.00	↑
015.50316.074.2442.9015	DATA PROCESSING SERVICES	\$42,500.00	\$50,000.00	17.65%	\$7,500.00	↑
017.50316.075.2442.9017	DATA PROCESSING SERVICES	\$42,500.00	\$50,000.00	17.65%	\$7,500.00	↑
015.50327.074.0000.9015	POSTAGE	\$3,000.00	\$3,500.00	16.67%	\$500.00	↑
017.50327.075.0000.9017	POSTAGE	\$3,000.00	\$3,500.00	16.67%	\$500.00	↑
015.50401.074.0000.9015	OFFICE SUPPLIES	\$3,000.00	\$3,500.00	16.67%	\$500.00	↑
017.50401.075.0000.9017	OFFICE SUPPLIES	\$3,000.00	\$3,500.00	16.67%	\$500.00	↑
015.50210.074.0270.9015	MEDICARE	\$5,018.00	\$5,384.00	7.29%	\$366.00	↑
017.50210.075.0270.9017	MEDICARE	\$5,018.00	\$5,384.00	7.29%	\$366.00	↑
015.50210.074.0000.9015	SOCIAL SECURITY	\$22,151.00	\$23,021.00	3.93%	\$870.00	↑
017.50210.075.0000.9017	SOCIAL SECURITY	\$22,151.00	\$23,021.00	3.93%	\$870.00	↑
017.50710.075.0165.9017	ADMINISTRATIVE REIMBURSEMENT	\$47,682.00	\$48,698.00	2.13%	\$1,016.00	↑
015.50710.074.0165.9015	ADMINISTRATIVE REIMBURSEMENT	\$47,682.00	\$47,682.00	0.00%	\$0.00	=
015.50243.074.0000.9015	DISABILITY INSURANCE	\$600.00	\$600.00	0.00%	\$0.00	=
017.50243.075.0000.9017	DISABILITY INSURANCE	\$600.00	\$600.00	0.00%	\$0.00	=
015.50334.074.0163.9015	FISCAL SERVICES (AUDIT)	\$7,500.00	\$7,500.00	0.00%	\$0.00	=
017.50334.075.0163.9017	FISCAL SERVICES (AUDIT)	\$7,500.00	\$7,500.00	0.00%	\$0.00	=
015.50334.074.0158.9015	LEGAL SERVICES	\$50,000.00	\$50,000.00	0.00%	\$0.00	=
017.50334.075.0158.9017	LEGAL SERVICES	\$50,000.00	\$50,000.00	0.00%	\$0.00	=
015.50232.074.0000.9015	LIFE INSURANCE	\$1,165.00	\$1,165.00	0.00%	\$0.00	=
017.50232.075.0000.9017	LIFE INSURANCE	\$1,165.00	\$1,165.00	0.00%	\$0.00	=

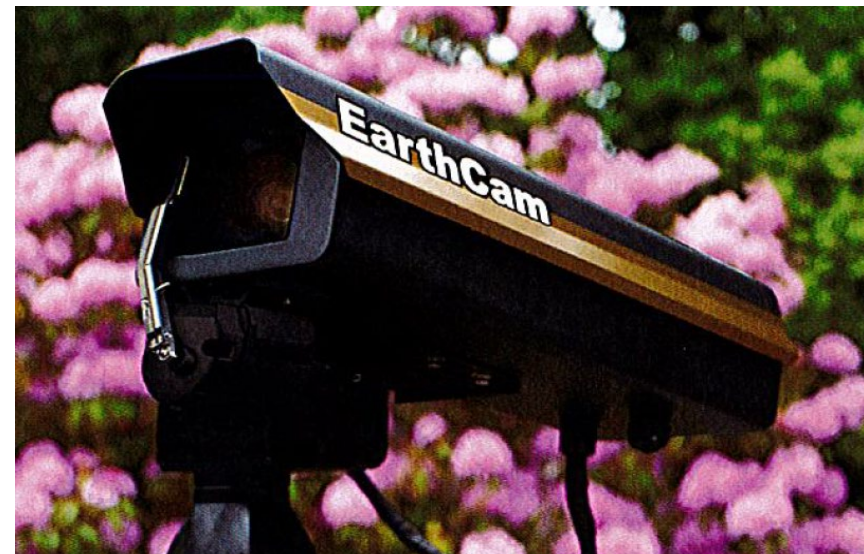
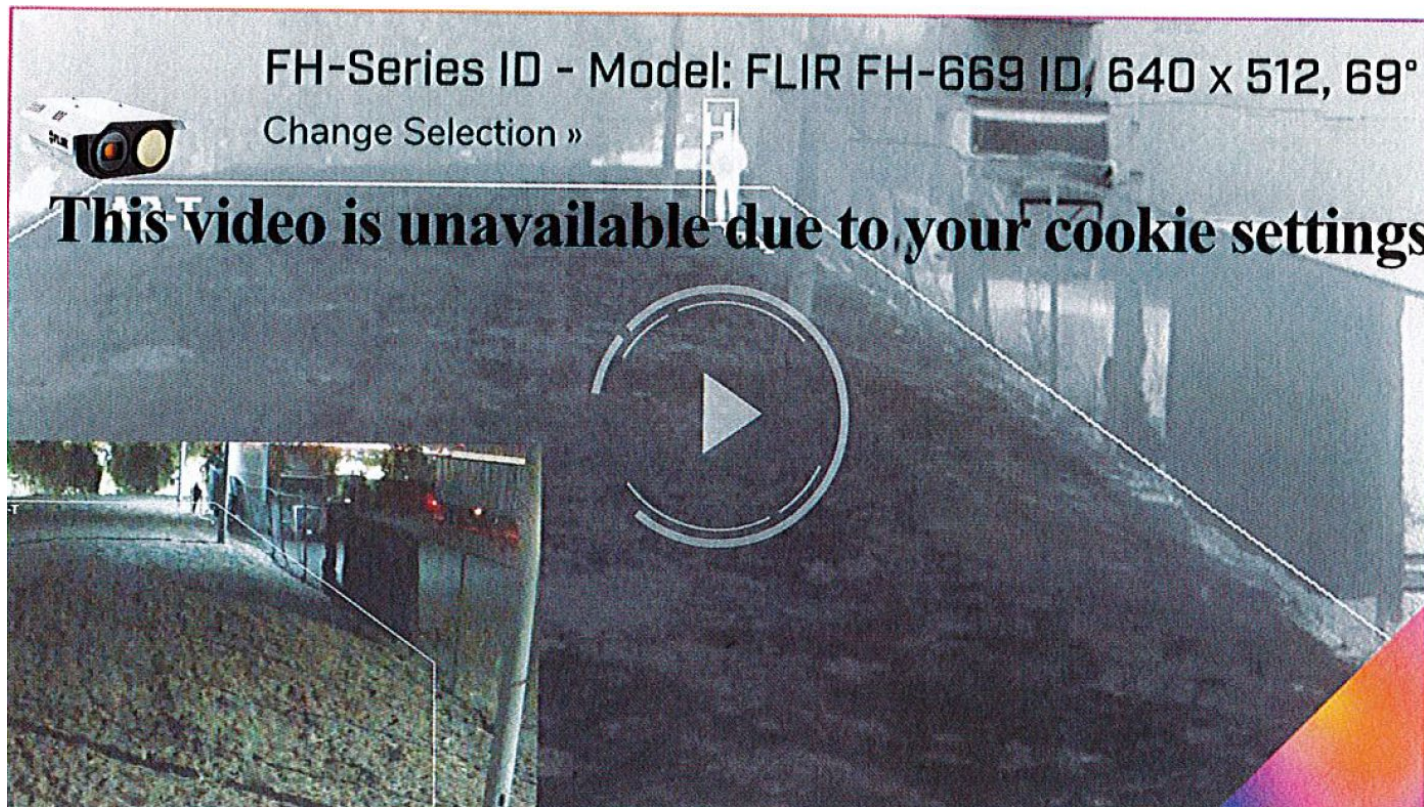
Account	Description	FISCAL YEAR	FISCAL YEAR			
		2023-2024	2024-2025	INCREASE	INCREASE	
		Town Council	Department	DECREASE	DECREASE	
		Approved	Recommended	PERCENTAGE	DOLLARS	
015.50720.074.1447.9015	MISC/REFUNDS	\$500.00	\$500.00	0.00%	\$0.00	=
017.50720.075.1447.9017	MISC/REFUNDS	\$500.00	\$500.00	0.00%	\$0.00	=
015.50135.074.0000.9015	STANDBY SALARIES	\$4,000.00	\$4,000.00	0.00%	\$0.00	=
017.50135.075.0000.9017	STANDBY SALARIES	\$4,000.00	\$4,000.00	0.00%	\$0.00	=
015.50146.074.0000.9015	UNIFORM ALLOWANCE - ORGANIZED	\$600.00	\$600.00	0.00%	\$0.00	=
017.50146.075.0000.9017	UNIFORM ALLOWANCE - ORGANIZED	\$750.00	\$600.00	-20.00%	-\$150.00	↓
018.50529.077.3105.9018	EMERGENCY WATER PUMP	\$80,000.00	\$0.00	-100.00%	-\$80,000.00	↓
015.50230.074.0000.9015	MEDICAL INSURANCE	\$175,000.00	\$95,168.00	-45.62%	-\$79,832.00	↓
017.50230.075.0000.9017	MEDICAL INSURANCE	\$175,000.00	\$95,168.00	-45.62%	-\$79,832.00	↓
018.50500.077.3107.9018	RECOAT FLOOR: STRAITS TANK	\$50,000.00	\$0.00	-100.00%	-\$50,000.00	↓
018.50529.077.3014.9018	BUNKER HILL 500' WATER MAIN	\$50,000.00	\$0.00	-100.00%	-\$50,000.00	↓
017.50446.075.0000.9017	WATER MATERIALS	\$30,000.00	\$0.00	-100.00%	-\$30,000.00	↓
016.50523.076.2014.9016	WATER METERS	\$25,000.00	\$0.00	-100.00%	-\$25,000.00	↓
015.50318.074.0466.9015	MAINS DAMAGE REPAIR	\$20,000.00	\$0.00	-100.00%	-\$20,000.00	↓
017.50441.075.0000.9017	PIPE FITTINGS MATERIAL	\$20,000.00	\$0.00	-100.00%	-\$20,000.00	↓
017.50318.075.2154.9017	MT SERVICE CONNECTION	\$16,000.00	\$0.00	-100.00%	-\$16,000.00	↓
018.50523.077.2014.9018	WATER METERS	\$15,000.00	\$0.00	-100.00%	-\$15,000.00	↓
015.50318.074.2276.9015	MANHOLE MAINTENANCE	\$12,000.00	\$0.00	-100.00%	-\$12,000.00	↓
015.50310.074.0470.9015	CONSULTANT TOWN ENGINEER	\$10,000.00	\$0.00	-100.00%	-\$10,000.00	↓
017.50310.075.0470.9017	CONSULTANT TOWN ENGINEER	\$10,000.00	\$0.00	-100.00%	-\$10,000.00	↓
015.50310.074.2275.9015	CONSULTANT GIS	\$8,000.00	\$0.00	-100.00%	-\$8,000.00	↓
017.50310.075.2275.9017	CONSULTANT GIS	\$8,000.00	\$0.00	-100.00%	-\$8,000.00	↓
016.50500.076.0711.9016	LAWN MOWER	\$5,000.00	\$0.00	-100.00%	-\$5,000.00	↓
016.50562.076.2324.9016	REMODEL WSA OFFICE	\$5,000.00	\$0.00	-100.00%	-\$5,000.00	↓
018.50562.077.2324.9018	REMODEL WSA OFFICE	\$5,000.00	\$0.00	-100.00%	-\$5,000.00	↓



<u>Account</u>	<u>Description</u>	<u>FISCAL YEAR</u>	<u>FISCAL YEAR</u>			
		<u>2023-2024</u>	<u>2024-2025</u>	<u>INCREASE</u>	<u>INCREASE</u>	
		<u>Town Council</u>	<u>Department</u>	<u>DECREASE</u>	<u>DECREASE</u>	
		<u>Approved</u>	<u>Recommended</u>	<u>PERCENTAGE</u>	<u>DOLLARS</u>	
018.50500.077.0711.9018	LAWN MOWER	\$5,000.00	\$0.00	-100.00%	-\$5,000.00	↓
015.50561.074.2865.9015	COMPUTER EQUIPMENT	\$3,000.00	\$0.00	-100.00%	-\$3,000.00	↓
017.50561.075.2865.9017	COMPUTER EQUIPMENT	\$3,000.00	\$0.00	-100.00%	-\$3,000.00	↓
015.50220.074.0000.9015	EMPLOYEE'S RETIREMENT	\$25,958.00	\$23,489.00	-9.51%	-\$2,469.00	↓
017.50220.075.0000.9017	EMPLOYEE'S RETIREMENT	\$25,958.00	\$23,489.00	-9.51%	-\$2,469.00	↓
016.50571.076.2279.9016	LAWN MOWER W/ TRAILER	\$5,000.00	\$3,500.00	-30.00%	-\$1,500.00	↓
017.50311.075.3088.9017	BANK CHECK ELIMINATION FEES	\$300.00	\$0.00	-100.00%	-\$300.00	↓
015.50311.074.3088.9015	BANK CHECK ELIMINATION FEES	\$0.00	\$0.00	0.00%	\$0.00	X
015.50401.074.0357.9015	OFFICE SUPPLIES @BILLING	\$0.00	\$0.00	0.00%	\$0.00	X
018.50529.077.2709.9018	PARK ROAD AND JERICO	\$0.00	\$0.00	-100.00%	\$0.00	X
018.50529.077.2996.9018	CLEAN & INSPECT WATER STORAGE	\$0.00	\$0.00	-100.00%	\$0.00	X
018.50529.077.3027.9018	FREDERICK ST. 475' REPLACE 2" WITH 8"	\$0.00	\$0.00	-100.00%	\$0.00	X
018.50529.077.3057.9018	FALLS AVE CULVERT 8" WATER MAIN RELOCATION	\$0.00	\$0.00	-100.00%	\$0.00	X
017.50318.075.0466.9017	MAINS DAMAGE REPAIR	\$0.00	\$0.00	0.00%	\$0.00	X
017.50442.075.0000.9017	MAINTENANCE OF METERS	\$0.00	\$0.00	0.00%	\$0.00	X
017.50443.075.0858.9017	MAINTENANCE OF MAINS	\$0.00	\$0.00	0.00%	\$0.00	X
017.50444.075.0000.9017	MAINT HYDRANTS & EQUIPMENT	\$0.00	\$0.00	0.00%	\$0.00	X
015.50145.074.0000.9015	LONGEVITY	\$0.00	\$0.00	0.00%	\$0.00	X
017.50145.075.0000.9017	LONGEVITY	\$0.00	\$0.00	0.00%	\$0.00	X
016.50577.076.2907.9016	GENERATOR WINDING BROOK	\$0.00	\$0.00	0.00%	\$0.00	X

# SECURITY CAMERAS

Water & Sewer Facility Protection, CT DPH, and Homeland Security Protocols



# SECURITY FENCING

Water & Sewer Facility Protection, CT DPH, and Homeland Security Protocols



**STATE of CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH ( CTDPH )  
and  
DEPARTMENT OF ENERGY &  
ENVIRONMENTAL PROTECTION ( CTDEEP )**

CTDPH is the administrator for the Drinking Water State Revolving Fund ( DWSRF ) Program

CTDEEP is the administrator for the Clean Water State Revolving Fund ( CWSRF ) Program

## Drinking Water State Revolving Fund (DWSRF) Project Steps and Information

•**Financial Assistance Application** All Eligibility Applications are reviewed and eligible projects are ranked to form a [Project Priority List](#) (PPL). Projects on the PPL will be asked to submit the Financial Assistance Application (FAA). The full FAA is the application for a DWSRF loan. The Financial Assistance Application (FAA) is divided into two parts (Part I and Part II). The FAA-Part I should be prepared and submitted to DPH shortly after receiving notification of the availability of DWSRF funding. The FAA-Part I is intended to provide preliminary details of the project and funding needs including: Project planning documentation (Preliminary Engineering Report)

- Information needed for the DPH to initiate our environmental assessment
- Procurement documentation for all professional service (engineering) contracts that are intended to be paid for with DWSRF funding
- Estimated project costs and identification of any other non-DWSRF sources of funding
- Financial information needed to qualify for a DWSRF loan
- Preliminary project schedule
- Project design documentation (Plans and Specifications) and construction contract bidding documentation *if available (for construction phase funding)*

The FAA-Part II should be submitted at or around the time when a DWSRF applicant is ready to execute a DWSRF loan for a contract or contracts that will be paid for with DWSRF funding. It is intended to provide information necessary to proceed with the development of the loan agreement with the State. The FAA Part I and Part II can be submitted separately or together depending on the status of the project(s) and DWSRF funding needs. The FAA has been split into these parts in order to streamline the application process and eliminate/minimize duplication of submittals. All funding recipients are required to have a DUNS Number; please refer to the document below for information on how to verify or obtain a number.

•[Financial Assistance Application Part I](#)

•[Financial Assistance Application Part II](#)

### **Environmental Assessment**

Projects will be required to undergo an Environmental Assessment. This should begin once the physical footprint and the conceptual design of a project has been determined. All projects applying for funds must complete and submit the Scoping Notice template.

•[CEQ Environmental Scoping Notice template](#)

Many projects will require a Scoping Notice published in the [Council on Environmental Quality's Environmental Monitor](#). The DPH DWS will make this determination.

### **Preliminary Engineering Report / Project Planning and Selection (all projects)**

Each project will require submittal of a Preliminary Engineering Report (PER) or similar project planning document. This report must demonstrate the need for the proposed drinking water project through an evaluation of all feasible alternatives and shall demonstrate that the selected alternative is cost-effective and recognizes environmental considerations. A written acceptance of the PER or similar report should be obtained from the DWS prior to proceeding with the project design.

An Asset Management Plan (AMP) that has been reviewed and accepted by the DPH may suffice for this requirement for certain types of projects, subject to DPH review. Examples include water main replacements or cleaning and relining where existing piping condition assessments have already been performed, storage tank repainting, etc.

Pursuant to RCSA Section 22a-482-3(a)2(B), systems should submit the PER or similar report to the DPH prior to proceeding with the project design.

The EPA partnered with three other federal agencies and developed a Preliminary Engineering Report outline. If you are seeking funding from multiple sources (such as USDA Rural Development), use of the outline will satisfy the requirements of all programs. The required information is defined on the checklist below. Both the completed checklist and its attachments must be submitted.

•[Preliminary Engineering Report Outline](#)

•[Engineering Report Application Checklist](#)

### **Planning and Design Phases**

Funding applications for a project's planning or design stage require review and approval of the procurement process of the proposed firm in accordance with the RCSA Section Sec. 22a-482-4 (h). An applicant must receive an Authorization to Award the professional services contract from the DPH prior to execution of any agreement. The information required to be submitted for this review is outlined on the checklist below. Both the completed checklist and its attachments must be submitted.

•[Professional Services Contract Application Checklist](#)

### **Qualifications Based Selection Requirement for Professional Service Contracts**

Applicants for DWSRF funding are required to follow the Qualifications Based Selection (QBS) process for the procurement of professional service contracts during the planning, design or construction phases of their projects. QBS is an objective and fair process based on the design professional's qualifications in relation to the project. Please contact us prior to beginning the QBS process to ensure you meet all DWSRF requirements.

## **Value Engineering**

All projects for which the building costs are estimated to be greater than \$10 million must conduct a Value Engineering (VE) process, pursuant to RCSA Section 22a-482-2(c)(2)(D) and 22a-482-3(d)(1). The VE proposal must be submitted for review prior to initiation of the process. Preliminary and final VE reports must also be submitted for review. The final report is subject to approval of the DPH. The information required to be submitted for this review is outlined on the checklist below. Both the completed checklist and its attachments must be submitted.

### **[Value Engineering Checklist](#)**

## **Construction Phase**

The DPH DWS performs a review of the construction plans and specifications before a project is put out to bid to ensure that the bidding documents contain all required information.

### **[Pre-Bid Construction Contract Application Checklist](#)**

### **[2 CFR 200.216 Construction Contract Language Template](#)**

### **[Provisions for Reporting and Recovering Archaeological Finds in Construction Contracts](#)**

Please remember that acceptance of the PER or similar project planning document is necessary even if only the construction phase is to be funded by the DWSRF.

At the same time, a review and approval of the technical plans and specifications is completed. Certain other **[forms or applications](#)** may be required, if applicable to the project. This currently includes:

### **[Water Main Application and Standards](#)**

### **[Storage Tank Project Application](#)**

### **[Storage Tank Interior Painting Project Application](#)**

### **[Chemical Feed Systems Project Application](#)**

### **[Well Site Information](#)** (including Well Use)

### **[Groundwater Chlorine Contact Time Calculations](#)**

Following the bid opening and prior to award of any contract, the DPH must review the post-bid information and issue an Authorization to Award for the construction contract.

### **[Authorization to Award Construction Contract Application Checklist](#)**

### **Funding Eligibility of Construction Work**

The DWS has developed general criteria to clarify those items which are generally not eligible for DWSRF funding. Please refer to the memo below. All final eligibility determinations will be at the discretion of the DWS.

[Circular Letter 2016-28](#) - Funding Eligibility of DWSRF Construction Work

### **Prevailing Wage Requirements**

Projects over \$2,000 are subject to the federal prevailing wage requirements contained in the [Davis-Bacon and Related Acts](#) (DBRA). Those projects must include mandatory DBRA language in each construction contract.

•[Federal Prevailing Wage \(Davis-Bacon\) requirements and contract language](#) | [PDF Format](#)

Connecticut [State prevailing wage laws](#) also apply to the repair, alternation or rehabilitation of any public works project over \$100,000.

### **MBE/WBE Requirements**

All projects are subject to Disadvantaged Business Enterprises (DBE) subcontractor participation in the form of Minority Business Enterprises (MBE) and Woman Business Enterprises (WBE) good faith effort requirements. These requirements must be included in all engineering agreements and construction contract documents. The Department of Energy and Environmental Protection determines the subcontracting rates for MBE and WBE. The following forms must be included in the applicable solicitation.

•[Planning/Design Phase MBE/WBE Form](#)

•[Construction Phase MBE/WBE Form](#)

•[Subcontractor Verification Form](#)

Reporting of all MBE and WBE utilization is required every 6 months.

•[MBE/WBE Semi-annual Reporting Form](#) | [Instructions](#)

### **Use of American Iron and Steel Requirement (AIS)**

All DWSRF-funded projects are now required to adhere to the “Use of American Iron and Steel” (AIS) provision, which requires iron and steel products used in these projects to be produced in the United States. For more information, please visit our [American Iron and Steel website](#).



## **Project Signage**

DWSRF-funded projects are required to install a project sign at the construction site as a condition of funding. On February 24, 2023 the Executive Office of the President, Office of Management and Budget (OMB) issued the updated Controller Alert CA-23-6 which requires for construction projects funded in whole or in part by the [Bipartisan Infrastructure Law](#) that recipients must place a sign at construction sites that display the Investing in America emblem and identify the project as a “project funded by President Biden’s Bipartisan Infrastructure Law”. The DPH has developed guidance, along with physical sign specifications, to meet this requirement which is provided below.

- [Project Signage Guidelines](#)

- [Certification of Compliance – Project Signage](#)

# The Clean Water Fund Financial Assistance for Municipal Projects

The Clean Water Fund is the mechanism through which CT DEEP provides financial assistance to municipalities for projects addressing wastewater needs.

**Due to resource constraints, municipalities should allocate a minimum of 90 calendar days from the date of submission to CT DEEP for the review and comment or approval of any document submitted related to the Clean Water Fund. These documents may include, but are not limited to, funding applications, engineering reports, plans and specifications, and professional services contracts.**

**Implementation or execution of such documents without prior written approval by CT DEEP will result in loss of funding eligibility for the subject of the document.**

## Reports Regarding CWF

- [Clean Water Fund Annual Reports to the Governor](#)
- [The Clean Water Fund Dilemma, Increasing Demands with Diminishing Fiscal Resources:](#) A Report from the Clean Water Fund Advisory Workgroup to DEEP Commissioner Gina McCarthy

**Applications for Funding - All Applications should be returned to: [DEEP.ADMINCWF@ct.gov](mailto:DEEP.ADMINCWF@ct.gov) Questions should be sent to: [DEEP.CWF@ct.gov](mailto:DEEP.CWF@ct.gov)**

- [Clean Water Fund Program - Funding Application](#) (Word) [Clean Water Fund Program - Funding Application](#) (PDF)

## Priority Lists

FY 2024 - 2025

A virtual public hearing will be held for the Draft FY2024 - FY2025 Clean Water Fund Priority List on February 7, 2024 at 1:00pm via ZOOM. All written comments shall be submitted by electronic mail to [DEEP.CWF@ct.gov](mailto:DEEP.CWF@ct.gov) on or before February 23, 2024. Members of the public must register for the hearing by January 31, 2024 by sending

an email to [DEEP.CWF@ct.gov](mailto:DEEP.CWF@ct.gov). A reply email will be sent to all persons registered for the hearing with a Zoom meeting invitation and instructions. See the Public Notice for additional information.

- [FY 2024 - 2025 DRAFT Clean Water Fund Priority List](#)
- [FY 2024 - 2024 DRAFT Clean Water Fund Priority List PUBLIC NOTICE](#)
- [DEEP PowerPoint presentation from the priority list hearing held February 7, 2024.](#)

#### FY 2022 - 2023

A virtual public hearing was held for the Draft FY2022 - FY2023 Clean Water Fund Priority List on May 16, 2022 at 1:00pm via ZOOM. Comments submitted to the Department on the draft priority list were reviewed and revisions made, as necessary. The final FY22-23 Priority List and associated documents are as follows:

- [Hearing Examiners Report, including a response to comments](#)
- [FY 2022 - 2023 Clean Water Fund Priority List\\*\\*](#)
- [FY 2022 - 2023 Clean Water Fund Priority List - Table 1](#)

\*\* Two minor edits were made to this Final version: 1) the word "Final" is on the Title page; and 2) The 20% grant/80% loan under the Reserve for Construction of I/I Rehabilitation Projects on page 13 as it was mistakenly left out and has been reinserted.

Please contact us [DEEP.CWF@ct.gov](mailto:DEEP.CWF@ct.gov) with any questions.

#### **Intended Use Plan**

The CT Clean Water State Revolving Fund (CWSRF) program is authorized by the Clean Water Act and is capitalized with funds from the federal government, plus a required 20% match of funds from the state. Each year, the CWSRF program must submit a plan to the US EPA discussing how the program intends to apply that year's funding on projects that address the state's highest priority water quality needs.

This 'Intended Use Plan,' or IUP, includes a list of projects from CT's Clean Water Fund Priority List, short- and long-term goals of the program, how the funds would be distributed, information on the activities to be supported, and how the program will meet certain specific requirements pertaining to the management and use of the funds. Since the IUP directly aligns with the Priority List, public review and comment of the IUP occurs simultaneously with the public notice process for CT's Clean Water Fund Priority List.

### **[CT CWF IUP FY2023](#)**

Disadvantaged Business Enterprise-DBE (MBE/WBE) Forms and Memos

- **[Disadvantaged Business Enterprise \(DBE\) Subcontractor Participation on Clean Water Fund \(CWF\) Projects for Construction Projects](#)** (CWF Memo 2019-003)
- **[Disadvantaged Business Enterprise \(DBE\) Subcontractor Participation on Clean Water Fund \(CWF\) Projects for Engineering Services](#)** (CWF Memo 2019-002)
- **[DBE \(MBE/WBE\) Subcontractor Verification Form](#)** (January 24, 2019)

**Clean Water Fund Eligibility**

- **[Phosphorus Project Grant Eligibility](#)** (CWF Memo 2016-005)
- **[Permit Costs Eligibility](#)** (CWF Memo 2016-001)
- **[Combined Sewer Overflow Treatment Plant Project Grant/Loan Eligibility](#)** (CWF Memo 2015-002)
- **[Utility Relocation](#)** (CWF Memo 2013-002)
- **[Roadway Restoration](#)** (CWF Memo 2013-001)

- [Nitrogen Project Grant Eligibility](#) (CWFM-4)
- [Telecommunications Equipment Prohibition](#) (CWF Memo 2021-001)  
[EPA Prohibition on Certain Telecommunication and Video Surveillance Services or Equipment in the SRF Programs](#)  
and [Required Language for Construction Plans and Specifications Regarding the Prohibition.](#)
- [Equipment Sole Source](#) (CWF Memo 2021-002)
- [Quality Based Selection QBS of Engineering Services](#) (CWF Memo 2021-003) and [Guidance Document](#)  
Form used to certify QBS was completed: [CT Clean Water Fund QBS cert form](#)
- [Useful Life Certification Form](#)

#### **Clean Water Fund Program Administrative Requirements**

- [Revision to Collection System Program reserves under Section 3c for the current Priority List. This change will be effective as of the date of this memo and will remain in effect until the adoption of the Fiscal Year 2024/2025 Priority List.](#) (CWF Memo 2023-003)
- [Revision to FY2019 Priority List - Removal of \\$4 million cap per municipality on Pump Station Projects](#) (CWF Memo 2018-002)
- [Change Order Requirements](#) (CWF Memo 2023-001) - Updated 4/18/2023
- [Storm Resiliency](#) (CWF Memo 2017-001)
- [Fiscal Sustainability Requirements](#) (CWF Memo 2016-006)  
[Fiscal Sustainability Plan \(FSP\) Certification Form](#) (CWF Cert 001)

- [Administrative Requirements on Clean Water Fund Agreements for Construction Project Loans exceeding \\$40 million](#) (CWF Memo 2016-004)
- [Progress Payments on Engineering Reports](#) (CWF Memo 2015-001)
- [Infiltration and Inflow Rehabilitation Projects](#) (CWF Memo 2014-002)
- [Revised CT DEEP American Iron and Steel Provision](#) (CWF Memo 2014-001a)
  - [EPA American Iron and Steel Guidance](#) (2014)
  - [EPA American Iron and Steel Training](#) (2016)
  - DeMinimis Tracking Forms for AIS - [Ongoing Tracking Form](#) and [Final Report Form](#)
- [Project Labor Agreement](#) (CWF Memo 2013-003)

Please note that the above lists contain all current, valid Clean Water Fund memos.

For additional information regarding the Clean Water Fund associated with the Municipal Wastewater Treatment Facilities please contact us by [e-mail](#) or call the Municipal Wastewater Section at 860-424-3704.

[Municipal Wastewater](#)