



City of Torrington

Water Pollution Control Authority

Annual Budget

FY 2020/2021

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Memorandum

To: Mayor Elinor Carbone and Water Pollution Control Authority

CC: Ed Tousey, WPCA
Alice Proulx, Comptroller
Vic Muschell, Corporation Counsel
Carol Anderson, City Clerk

From: Ray Drew, Public Works Director

Date: 5/14/2020

Re: WPCA BUDGET/SEWER USE FEE

Carol;

Please add the following to the Agenda for 5/18/2020

1. Vote by Board of Councilmen, herein acting as the Water Pollution Control Authority, to accept the recommendation of the Acting WPCA Administrator and Public Works Director to continue the sewer use fee established on June 3, 2019 for the year beginning July 1, 2020 and ending June 30, 2021. The Sewer Use Fee established on June 3, 2019 is as follows:

For Residential Users	\$274.00 per dwelling unit
For All Other Users	\$274.00 per 65,000 gallons of volume of flow
2. Vote by Board of Councilmen, herein acting as the Water Pollution Control Authority, to approve WPCA Budget for year beginning July 1, 2020 and ending June 30, 2021.
3. Vote by Board of Councilmen, herein acting as the Water Pollution Control Authority, to approve WPCA Five-Year Capital Improvement Budget/Program for year beginning July 1, 2020 and ending June 30, 2025.
4. Vote by Board of Councilmen, herein acting as the Water Pollution Control Authority, to approve WPCA Miscellaneous Fee Schedule for year beginning July 1, 2020 and ending June 30, 2021.

City of Torrington



WATER POLLUTION CONTROL AUTHORITY
140 Main Street
Torrington, CT 06790-5245

Tel: (860) 485-9166
Fax: (860) 485-0730

MEMO

TO: Mayor Elinor Carbone and Water Pollution Control Authority
FROM: Edward Tousey, Acting Administrator, WPCA
DATE: May 14, 2020
RE: Fiscal Year 2020/2021 Annual Budget

Respectfully submitted for your consideration the Fiscal Year 2020/2021 Annual Budget for the Water Pollution Control Authority.

The 2020/2021 budget reflects requested expenditures as follows:

Operation & Maintenance:	\$3,446,938
Debt Service:	\$1,182,306
Sinking Fund/CRC:	\$1,167,354

TOTAL: \$5,796,598

The Projected income for 2020/2021 budget is \$5,479,375 based on a Sewer Use Fee of \$274.00. This leaves an estimated deficit (less projected FY 19/20 Surplus) of \$7,636 which would have to be made up in FY 21/22. The operation and maintenance portion of the proposed budget was increased by \$244,225 over current year, the majority of the increase is related to anticipated increase staffing needs, electricity and chemicals as portions of the new plant are brought on line as well as 21.65% increase in employee benefits. Sinking Fund (Fund Transfers/Repayment) was reduced by \$100,000 and reallocated to Debt Service. Debt Service was increased \$162,088. WPCF Upgrade PLO #1 closed in February 2020 we are projecting the loan portion of PLO#2 to be approximately \$19.4M (Approximately \$37 per User).

We continue the repayment of the 2012 New Harwinton Road Pump Station Upgrade, 2009 CWF-611C-FOG Facility, 2015 Phase I of the East Drainage Basin Sewer Rehabilitation project and CWF-695-DC. The construction of the WPCF Upgrade & Modifications began in October 2018. To date we have expensed \$36.15M of which \$23.12M is loan. The current total projected loan of \$51.0 M will have an estimated WPCA annual loan payment of \$1.53M (\$87.14/User).

I believe it is in the best interest to the long term sustainability of the infrastructure to continue funding capital improvement projects. Each rate increase of \$1 provides approximately \$17,558 cash flow to help minimize future rate increases and reduce borrowing when large capital projects are undertaken and to

continue to move forward with our Capital Improvement Plan. As we previously presented we currently have approximately \$105.8M in active and proposed capital improvement projects.

As you are aware the past several years we have increased rates to cover O&M expense increases and reduce the impact of the User Charge Increase (\$87.14/user) that will be associated with the WPCF upgrade when those loans begin repayment. Given the economic uncertainties as a result of the current COVID-19 Pandemic and the 19/20 projected surplus and deficit our recommendation is to hold the sewer use fee established for FY 19/20 through FY 20/21. This will extend our 5-year rate increase plan to 6 years but we feel that the projected additional rate increases of \$30.00 needed for the WPCF upgrade can be accommodated in FY 21/22-FY22/23, therefore based on the currently available Income and Expense projections it is recommended to continue the Sewer Use Fee established on June 3, 2019 for Fiscal year beginning July 1, 2020 and ending June 30, 2021. The Sewer Use Fee established on June 3, 2019 was as follows:

For Residential Users: \$274.00 per dwelling unit
For All Other Users: \$274.00 per 65,000 gallons of volume of flow

The following Capital Projects are scheduled to be started, completed or continue in FY 2019/2020

1. WPCF Upgrade and Modifications: \$66,500,000
2. Toro Siphon Evaluation/Design: \$3,100,000
3. Central Drainage Basin SSES: \$4,324,000
4. Harris Drive Pump Station Modifications Design: \$2,100,000
5. Evergreen/Cliffside Pump Station improvements: \$250,000
6. Sewer System Meter Installations: \$210,000
7. CMOM Plan: \$200,000
8. Homestead Road Sewers: \$750,000

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City of Torrington

Water Pollution Control Authority

Annual Budget

FY 2020/2021



CITY OF TORRINGTON WATER POLLUTION CONTROL AUTHORITY

MISSION STATEMENT

Whereas: We are a team of dedicated professionals who are charged with the care and operation of the Sanitary Sewage Collection and Treatment Systems and guardians of one of the City's most precious natural resources the Naugatuck River.

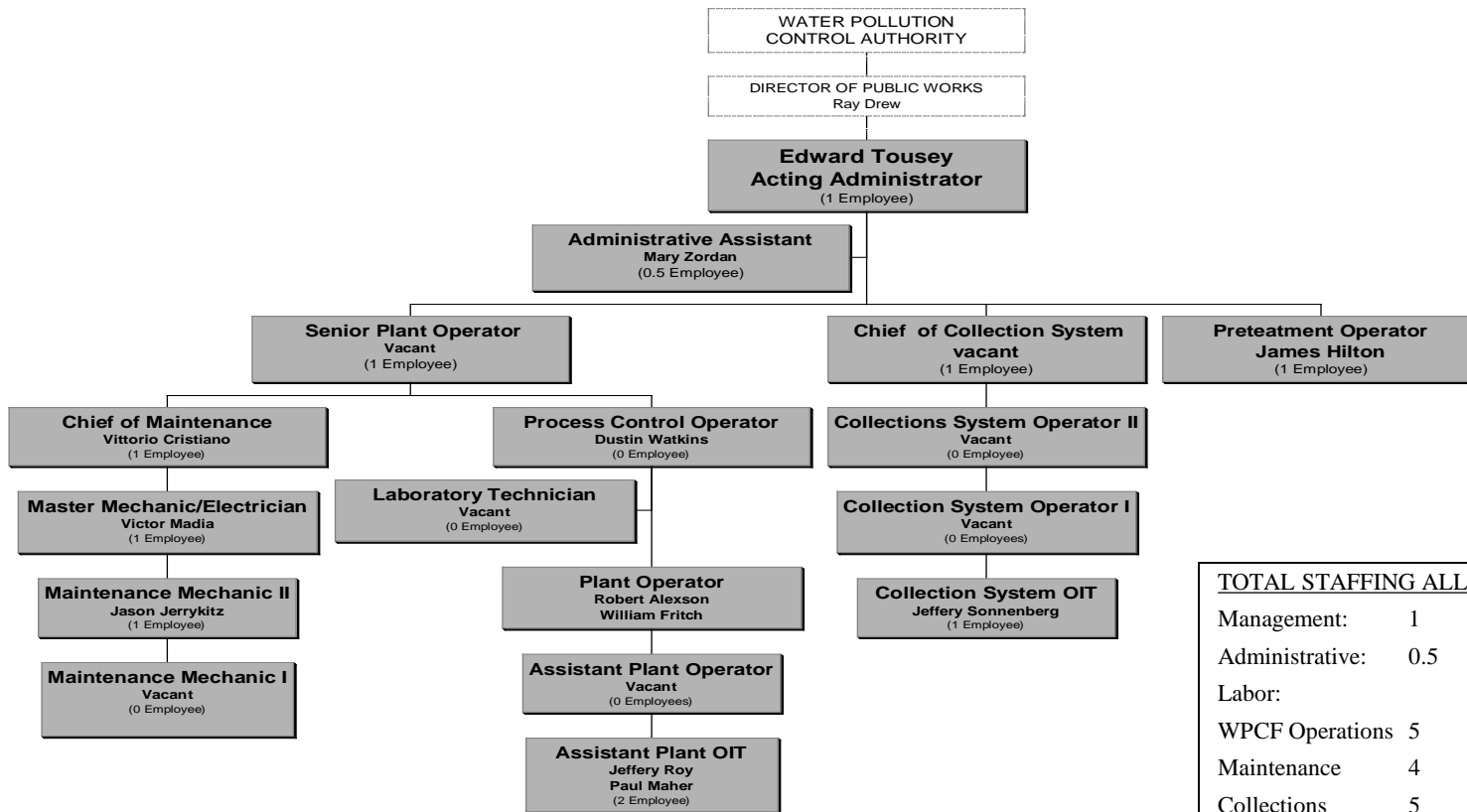
Our Goal: To discharge to the Naugatuck River the best possible effluent that can be attained and to provide the highest quality and most reliable service to the citizens of the community.

We Vow: To use the best management practices available to us in an effort to optimize our treatment processes, continually apply innovative ideas and to remain ever responsive to the community and the environment in pursuit of our goal.

TORRINGTON PUBLIC WORKS

2021

WATER POLLUTION CONTROL



TOTAL STAFFING ALLOCATION

Management:	1
Administrative:	0.5
Labor:	
WPCF Operations	5
Maintenance	4
Collections	5
Total:	15.5
Current Total	11.5

WPCA Goals 2020/2021

1. **WPCA** –Research the need for a recycling operator. Begin implementation of recommendation of Staffing Analysis completed in 2019.
 - a. Finalized IMAs' with Litchfield, Harwinton
2. **Municipal Transfer Station** – Research potential of relocation of recycling operations with the possible addition of new structure.
3. **Collection System**
 - a. Continue CCTV program for all sanitary sewers. To develop baseline of current conditions and provide for future rehab. GIS mapping of sanitary sewers in support of EPA CMOM rules. Develop GIS Based Asset Management in conjunction with Dept of Engineering. Continue proactive rehabilitation of sanitary sewers. Televisé all portions of system within 3-5 years.
 - b. Continue Hydraulic Modeling of Sewer System.
 - c. Develop full CMOM Plan based on recommendation is preliminary report.
 - d. Complete Feasibility Study. Implement Design alternatives for the Rehabilitation of Toro Siphon Chamber.
 - e. Continue Right-Of Way clearing program to allow access for maintenance and inspection.
 - f. Begin design work on replacement of Albert Street Sewers.
 - g. Continue Phase I Central Drainage Basin SSES
 - h. Begin Design of Sewer Meter Station Installations.
 - i. Construct Homestead Road Sewers
 - j. Implement design for rehabilitation of Toro Siphon crossing.
4. **Pretreatment Inspection Program** – Continue pretreatment inspection program to provide for inspection of commercial and industrial connections to determine compliance with established and/or new permit requirements. Enforce CTDEP FOG Permit, develop database and inspection of all food preparation establishments. Prepare for implementation of Industrial Users general Permit program.
5. **Water Pollution Control Facility**
 - a. Continue construction.
 - b. Continue to explore renewable energy alternatives.
6. **WPCA Rules & Regulations** – Amend rules and regulations for the WPCA as necessary.
7. **Pumping Stations**
 - a. Implement design for rehabilitation of Harris Drive pump station.
 - b. Complete Evergreen and Cliffside Pump Station Modifications.
8. **Facility Maintenance** – Continue preventative and predictive maintenance programs.
9. **Cross-Training of Personnel** – Continue Cross Training of personnel in the areas of Facility Maintenance, WPCF Operations, and Collection System Operations & Maintenance.
10. **Safety** – Annual update Safety Plans.

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**TORRINGTON
WATER POLLUTION CONTROL AUTHORITY
1-Jul-20**

FY20/21 (2019GL)

2021 TOTAL EXPENDITURES (Estimated): \$5,796,598

2021 TOTAL INCOME (Projected) @ \$274.00/UNIT

SEWER FEES (0030.4211.0000)-Estimated

Residential (14,558 Units @ \$274)	\$3,985,056.00
Commercial (2,809 Eq Units @ \$274)	\$740,319.00
Special Accounts (161 Eq Units @ \$274)	\$44,000.00

Certif. Of Corrections : () Estimated

SUB-TOTAL USERS FEES **\$4,769,375.00**

OTHER REVENUE (0030.4800.0000)-Estimated

Trucked Waste Disposal Fees: Est	\$500,000
Harwinton:	\$50,000
Litchfield:	\$50,000
Surcharges:	\$40,000
CTDEP Sale of Nitrogen Credits	\$20,000
Housing Authority:	\$25,000
Miscellaneous:	<u>\$10,000</u>
Sub-Total: Other Revenue	\$695,000

Transfers in to Fund 30 (0030.4900.000)

Investment Income (0030.4500.0000)	\$15,000
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GRAND TOTAL: **\$5,479,375**

Prior Year Deficit Expense	\$0
Prior Year Surplus	\$309,587

Transfers to Fund 31-WPCA Capital Reserve

Line 5890	<u>\$390,000</u>
Total: Transfers to Fund 31	\$390,000

Transfers to Fund 490-Sanitary Sewer Capital Reserve

Line 5890.0123	<u>\$417,354</u>
Total: Transfers to Fund 490	\$417,354

2021 Income (Est)	\$5,479,375
2021 Expenditures (Est)	\$5,796,598
PROJECTED 2020 SURPLUS(DEFICIT) (Est):	(317,223)

FY20/21 USER CHARGE BREAKDOWN

	RESIDENTIAL	ALL OTHERS
O&M Cost: \$3,446,938	\$162.93/Unit	\$162.93/65,000 GAL
Capital/CRC: \$1,167,354	\$55.18/Unit	\$55.18/65,000 GAL
Debt Service :\$1,182,306	<u>\$55.89/Unit</u>	<u>\$55.89/65,000 GAL</u>
Total Charge:	\$274.00/Unit	\$274.00/65,000 GAL

TORRINGTON
WATER POLLUTION CONTROL AUTHORITY
1-Jul-19

FY19/20 (2018GL)

2020 TOTAL EXPENDITURES (Estimated): \$5,104,620

2020 TOTAL INCOME (Projected) @ \$274.00/UNIT

SEWER FEES (0030.4211.0000)-Estimated

Residential (14,558 Units @ \$274)	\$3,987,522.00
Commercial (2,809 Eq Units @ \$274)	\$736,686.90
Special Accounts (161 Eq Units @ \$274)	\$44,028.97

Certif. Of Corrections : () Estimated	\$0.00
	\$0.00

SUB-TOTAL USERS FEES **\$4,768,237.87**

OTHER REVENUE (0030.4800.0000)-Estimated

Trucked Waste Disposal Fees: Est	\$500,000
Harwinton:	\$29,381
Litchfield:	\$8,630
Surcharges-Torr Water Co:	\$40,957
CTDEP Sale of Nitrogen Credits	\$0
Housing Authority:	\$25,000
Miscellaneous:	<u>\$10,000</u>
Sub-Total: Other Revenue	<u>\$613,969</u>

Transfers in to Fund 30 (0030.4900.000)

Investment Income (0030.4500.0000)	\$32,000
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GRAND TOTAL: **\$5,414,207**

Prior Year Deficit Expense	\$0
Prior Year Surplus	\$235,802

Transfers to Fund 31-WPCA Capital Reserve

Line 5890	<u>\$490,000</u>
Total: Transfers to Fund 31	<u>\$490,000.00</u>

Transfers to Fund 490-Sanitary Sewer Capital Reserve

Line 5890.0123	<u>\$417,353</u>
Total: Transfers to Fund 490	<u>\$417,353</u>

2020 Income (Est)	\$5,414,207
2020 Expenditures (Est)	\$5,104,620
PROJECTED 2020 SURPLUS(DEFICIT) (Est):	\$309,587

FY19/20 USER CHARGE BREAKDOWN

	RESIDENTIAL	ALL OTHERS
O&M Cost: \$3,202,714	\$159.83/Unit	\$159.83/65,000 GAL
Sinking Fund/CRC: \$1,267,354	\$63.25/Unit	\$63.25/65,000 GAL
Debt Service :\$1,020,218	<u>\$50.92/Unit</u>	<u>\$50.92/65,000 GAL</u>
Total Charge:	\$274.00/Unit	\$274.00/65,000 GAL

TORRINGTON
WATER POLLUTION CONTROL AUTHORITY
1-Jul-18

FY18/19 (2017GL)

2019 TOTAL EXPENDITURES (Actual): \$5,108,456.52

2019 TOTAL INCOME (Actual) @ \$262.00/UNIT

SEWER FEES (0030.4211.0000)-Actual

Residential (14,558 Units @ \$262)	\$3,814,196.00
Commercial (2,806.826 Eq Units @ \$262)	\$735,388.42
Special Accounts (161.221 Eq Units @ \$262)	\$42,240.00

Adjustment	\$1.74
	\$0.00

SUB-TOTAL USERS FEES **\$4,591,826.16**

OTHER REVENUE (0030.4800.0000)-Actual

Trucked Waste Disposal Fees: Est	\$561,652.24
Harwinton:	\$27,296.68
Litchfield:	\$10,901.03
Surcharges:	\$40,233.64
CTDEP Sale of Nitrogen Credits	\$6,805.00
Housing Authority:	\$27,366.00
Miscellaneous:	<u>\$53,291.05</u>
Sub-Total: Other Revenue	<u>\$727,545.64</u>

Transfers in to Fund 30 (0030.4900.000)

Investment Income (0030.4500.0000)	\$24,887.20
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GRAND TOTAL: **\$5,344,259.00**

Prior Year Deficit Expense	\$0.00
Prior Year Surplus	\$404,579.69

Transfers to Fund 31-WPCA Capital Reserve

Line 5890	<u>\$870,000.00</u>
Total: Transfers to Fund 31	<u>\$870,000.00</u>

Transfers to Fund 490-Sanitary Sewer Capital Reserve

Line 5890.0123	<u>\$517,353.00</u>
Total: Transfers to Fund 490	<u>\$517,353.00</u>

2019 Income (Act)	\$5,344,259.00
2019 Expenditures (Act)	\$5,108,456.52
PROJECTED 2019 SURPLUS(DEFICIT) (Act):	\$235,802.48

FY18/19 USER CHARGE BREAKDOWN

	RESIDENTIAL	ALL OTHERS
O&M Cost: \$3,167,363	\$161.51/Unit	\$161.51/65,000 GAL
Sinking Fund/CRC: \$1,747,353	\$89.11/Unit	\$89.11/65,000 GAL
Debt Service :\$223,213	<u>\$11.38/Unit</u>	<u>\$11.38/65,000 GAL</u>
Total Charge:	\$262.00/Unit	\$262.00/65,000 GAL



2020/21 Expense Budget Report

Budget Year 2021

G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5100.0000	Salaries I	114,100.75	116,370.00	111,025.36	133,152.00	24,512.13	135,734.00	2,582.00	1.93
0030-8888 5103.0000	Regular Wages	740,528.25	791,134.00	804,371.74	799,052.00	747,644.39	936,415.00	137,363.00	17.19
0030-8888 5104.0000	Overtime	105,623.22	102,000.00	120,094.07	110,000.00	99,233.18	113,000.00	3,000.00	2.72
0030-8888 5107.0000	Paid Holidays	.00	.00	.00	.00	1,955.80	.00	.00	.00
0030-8888 5120.0000	Lump Sum Payment	18,570.09	18,897.00	.00	20,771.00	45,194.61	.00	(20,771.00)	(100.00)
0030-8888 5210.0000	Cloth Allowance	2,160.00	2,160.00	2,160.00	2,160.00	2,160.00	2,520.00	360.00	16.66
0030-8888 5220.0000	Pub-Dues-Fees	1,457.17	2,000.00	1,143.82	2,000.00	1,428.00	2,200.00	200.00	10.00
0030-8888 5223.0000	Educ & School Classes	3,562.00	2,000.00	3,210.00	3,000.00	3,240.45	3,500.00	500.00	16.66
0030-8888 5225.0000	Electric	317,617.34	320,466.00	349,962.46	354,100.00	307,402.92	407,500.00	53,400.00	15.08
0030-8888 5232.0001	Administrative Fees	.00	.00	.00	25,000.00	25,000.00	25,000.00	.00	.00
0030-8888 5238.0000	Fuel	25,486.76	21,130.00	32,278.39	29,590.00	32,219.45	25,675.00	(3,915.00)	(13.23)
0030-8888 5242.0000	Gas&Diesel	20,972.53	24,060.00	23,402.11	23,684.00	16,488.89	22,295.00	(1,389.00)	(5.86)
0030-8888 5245.0000	Building Maintenance	14,670.16	12,000.00	943.70	12,000.00	4,894.36	12,000.00	.00	.00
0030-8888 5250.0000	Laboratory	6,889.64	8,500.00	9,057.99	8,700.00	8,042.16	9,000.00	300.00	3.44
0030-8888 5255.0000	Materials	34,215.30	40,000.00	42,499.10	40,000.00	43,467.43	40,000.00	.00	.00
0030-8888 5256.0000	Chemicals	65,937.15	73,680.00	77,890.83	75,190.00	78,882.48	136,695.00	61,505.00	81.79
0030-8888 5269.0000	Repairs-Equipment	28,135.34	27,000.00	51,191.24	30,000.00	43,646.07	30,000.00	.00	.00
0030-8888 5275.0000	Vehicle repair parts	31,973.96	26,400.00	44,588.61	31,000.00	45,995.78	36,000.00	5,000.00	16.12
0030-8888 5280.0000	Office Supplies	1,741.57	2,200.00	3,130.73	2,200.00	2,458.57	2,400.00	200.00	9.09
0030-8888 5284.0000	Service Agreements	7,709.79	9,200.00	10,426.31	9,620.00	15,200.48	16,270.00	6,650.00	69.12
0030-8888 5295.0000	Telephone	2,005.88	2,000.00	2,073.73	2,000.00	1,987.23	2,200.00	200.00	10.00
0030-8888 5300.0000	Water	20,713.67	20,500.00	21,659.78	21,050.00	24,016.69	21,900.00	850.00	4.03
0030-8888 5346.0000	Software	10,342.00	11,507.00	12,424.25	10,437.00	10,410.75	10,537.00	100.00	.95
0030-8888 5350.0000	NewEquipFurniture&Fixture	28,735.72	30,000.00	52,569.11	30,000.00	6,203.08	30,000.00	.00	.00
0030-8888 5350.0001	Safety Equipment	3,386.07	4,000.00	3,265.41	4,000.00	3,310.20	4,200.00	200.00	5.00
0030-8888 5351.0000	New Vehicle/Equip.	60,000.00	60,000.00	60,000.00	60,000.00	31,945.79	60,000.00	.00	.00
0030-8888 5356.0000	Communication Cell Phones	3,269.71	3,500.00	4,286.47	3,700.00	4,140.00	4,800.00	1,100.00	29.72
0030-8888 5357.0000	Capital Reserve	300,000.00	300,000.00	300,000.00	300,000.00	.00	300,000.00	.00	.00
0030-8888 5406.0000	Disposal	18,603.27	20,000.00	13,479.42	15,000.00	12,018.36	15,000.00	.00	.00
0030-8888 5410.0000	Naug Treatment Co-Haul	386,936.55	415,000.00	390,845.00	410,000.00	399,996.00	410,000.00	.00	.00
0030-8888 5412.0000	Sampling	11,547.87	12,000.00	12,163.37	12,300.00	17,302.22	12,300.00	.00	.00
0030-8888 5413.0000	Discharge Permit	4,377.50	4,395.00	4,057.50	18,685.00	18,722.50	4,496.00	(14,189.00)	(75.93)



2020/21 Expense Budget Report

Budget Year 2021

G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5469.0000	Add & Deletions Final	3,583.20	2,000.00	1,849.56	2,000.00	1,882.00	2,000.00	.00	.00
0030-8888 5651.0000	Contingent Expense	4,999.00	10,000.00	.00	10,000.00	763.20	10,000.00	.00	.00
0030-8888 5700.0000	Workers' Comp Premiums	48,516.88	37,798.00	37,798.08	29,783.00	29,782.96	29,172.00	(611.00)	(2.05)
0030-8888 5703.0000	Insurance - Liab/Auto	74,755.92	76,974.00	76,975.04	73,195.00	74,418.44	73,195.00	.00	.00
0030-8888 5704.0000	Bond Premiums	73,143.99	165,901.00	200,116.14	701,027.00	222,103.86	732,226.00	31,199.00	4.45
0030-8888 5707.0000	Tax Collector	14,121.45	15,675.00	14,921.95	17,450.00	9,281.65	16,700.00	(750.00)	(4.29)
0030-8888 5709.0000	Outside Services	48,331.68	40,000.00	43,445.72	40,000.00	30,372.20	40,000.00	.00	.00
0030-8888 5712.0000	Audit Fees	5,890.00	6,033.00	5,890.00	6,000.00	5,760.00	6,000.00	.00	.00
0030-8888 5714.0000	Bond Interest	84,022.87	57,312.00	56,000.75	319,191.00	213,858.91	450,080.00	130,889.00	41.00
0030-8888 5750.0000	Employee Benefits	490,786.71	556,976.00	455,072.77	431,023.00	331,928.51	524,344.00	93,321.00	21.65
0030-8888 5751.0000	Mun Emp Ret Fd	154,504.64	129,261.00	173,707.52	174,996.00	113,633.28	160,472.00	(14,524.00)	(8.29)
0030-8888 5751.0001	Defined Contributions	10,834.67	18,059.00	16,898.82	19,056.00	14,480.69	22,755.00	3,699.00	19.41
0030-8888 5753.0000	Emp FICA	70,040.65	83,918.00	74,226.67	86,968.00	65,477.33	90,664.00	3,696.00	4.24
0030-8888 5761.0000	Acc Sick Leave	.00	68,570.00	.00	73,852.00	33,662.68	.00	(73,852.00)	(100.00)
0030-8888 5890.0000	Transfer Out	606,000.00	870,000.00	870,000.00	490,000.00	.00	390,000.00	(100,000.00)	(20.40)
0030-8888 5890.0123	Transfer Out - Repayment	617,353.00	517,353.00	517,353.00	417,354.00	.00	417,353.00	(1.00)	.00
Department 8888 - Non Dept. Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%
Fund 0030 - Water Pollution Ctl Auth Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%
Net Grand Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%



2020/21 Expense Budget Report

Budget Year 2021

G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5100.0000	Salaries I	114,100.75	116,370.00	111,025.36	133,152.00	24,512.13	135,734.00	2,582.00	1.93
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Administrator Longevity					53.0000	15.00	795.00	
Level 1	Salary-Director of Public Works @ 20%					1.0000	28,276.00	28,276.00	
Level 1	Salary-WPCA Administrator					1.0000	106,663.00	106,663.00	
Level 1 Totals								\$135,734.00	
0030-8888 5103.0000	Regular Wages	740,528.25	791,134.00	804,371.74	799,052.00	747,644.39	936,415.00	137,363.00	17.19
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	1 Employee @ 25.5Hrs/Week					1.0000	43,529.00	43,529.00	
Level 1	14 employee @ 40 Hrs/Week					1.0000	889,127.00	889,127.00	
Level 1	Longevity - 7 Employees					1.0000	3,759.00	3,759.00	
Level 1 Totals								\$936,415.00	
0030-8888 5104.0000	Overtime	105,623.22	102,000.00	120,094.07	110,000.00	99,233.18	113,000.00	3,000.00	2.72
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Plant & System Emergency Operations					1.0000	58,000.00	58,000.00	
Level 1	Plant Operations Weekend/Holiday					1.0000	55,000.00	55,000.00	
Level 1 Totals								\$113,000.00	
0030-8888 5107.0000	Paid Holidays	.00	.00	.00	.00	1,955.80	.00	.00	.00
0030-8888 5120.0000	Lump Sum Payment	18,570.09	18,897.00	.00	20,771.00	45,194.61	.00	(20,771.00)	(100.00)
0030-8888 5210.0000	Cloth Allowance	2,160.00	2,160.00	2,160.00	2,160.00	2,160.00	2,520.00	360.00	16.66
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Clothing Allowance-14 Employees					14.0000	180.00	2,520.00	
Level 1 Totals								\$2,520.00	
0030-8888 5220.0000	Pub-Dues-Fees	1,457.17	2,000.00	1,143.82	2,000.00	1,428.00	2,200.00	200.00	10.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Legal Notices/Press Releases					1.0000	1,000.00	1,000.00	
Level 1	License Renewals					1.0000	700.00	700.00	
Level 1	Membership Dues					1.0000	300.00	300.00	
Level 1 Totals								\$2,000.00	



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G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5223.0000	Educ & School Classes	3,562.00	2,000.00	3,210.00	3,000.00	3,240.45	3,500.00	500.00	16.66
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Staff Training and Certification Schools					1.0000	3,000.00	3,000.00	
							Level 1 Totals	\$3,000.00	
0030-8888 5225.0000	Electric	317,617.34	320,466.00	349,962.46	354,100.00	307,402.92	407,500.00	53,400.00	15.08
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	CCM Service Fee					1.0000	2,100.00	2,100.00	
Level 1	Electricity 10 Pumping Stations					1.0000	52,000.00	52,000.00	
Level 1	Electricity WPCF					1.0000	300,000.00	300,000.00	
							Level 1 Totals	\$354,100.00	
0030-8888 5232.0001	Administrative Fees	.00	.00	.00	25,000.00	25,000.00	25,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Engineering					150.0000	50.00	7,500.00	
Level 1	Finance					150.0000	50.00	7,500.00	
Level 1	IT					75.0000	50.00	3,750.00	
Level 1	Misc					50.0000	50.00	2,500.00	
Level 1	Personnel					75.0000	50.00	3,750.00	
							Level 1 Totals	\$25,000.00	
0030-8888 5238.0000	Fuel	25,486.76	21,130.00	32,278.39	29,590.00	32,219.45	25,675.00	(3,915.00)	(13.23)
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	#2 Heating Fuel WPCF					11,500.0000	2.07	23,805.00	
Level 1	Diesel Fuel-WPCF Generator					1,000.0000	1.87	1,870.00	
							Level 1 Totals	\$25,675.00	
0030-8888 5242.0000	Gas&Diesel	20,972.53	24,060.00	23,402.11	23,684.00	16,488.89	22,295.00	(1,389.00)	(5.86)
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	City Surcharge \$0.50/Gallon					9,500.0000	.50	4,750.00	
Level 1	Diesel for Vehicles					4,000.0000	1.87	7,480.00	
Level 1	Gasoline for Vehicles					5,500.0000	1.83	10,065.00	
							Level 1 Totals	\$22,295.00	



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G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5245.0000	Building Maintenance	14,670.16	12,000.00	943.70	12,000.00	4,894.36	12,000.00	.00	.00
Budget Transactions									
Level		Transaction		Number of Units		Cost Per Unit		Total Amount	
Level 1		Facility/Building Maintenance		1.0000		12,000.00		12,000.00	
								Level 1 Totals	\$12,000.00
0030-8888 5250.0000	Laboratory	6,889.64	8,500.00	9,057.99	8,700.00	8,042.16	9,000.00	300.00	3.44
Budget Transactions									
Level		Transaction		Number of Units		Cost Per Unit		Total Amount	
Level 1		Laboratory Supplies		1.0000		9,000.00		9,000.00	
								Level 1 Totals	\$9,000.00
0030-8888 5255.0000	Materials	34,215.30	40,000.00	42,499.10	40,000.00	43,467.43	40,000.00	.00	.00
Budget Transactions									
Level		Transaction		Number of Units		Cost Per Unit		Total Amount	
Level 1		Cleaning/Custodial Supplies		1.0000		3,000.00		3,000.00	
Level 1		Gloves		1.0000		3,000.00		3,000.00	
Level 1		Other Supplies		1.0000		14,000.00		14,000.00	
Level 1		Sewer System Supplies		1.0000		20,000.00		20,000.00	
								Level 1 Totals	\$40,000.00
0030-8888 5256.0000	Chemicals	65,937.15	73,680.00	77,890.83	75,190.00	78,882.48	136,695.00	61,505.00	81.79
Budget Transactions									
Level		Transaction		Number of Units		Cost Per Unit		Total Amount	
Level 1		Alum		17,000.0000		1.20		20,400.00	
Level 1		Other Chemicals (EST)		1.0000		4,000.00		4,000.00	
Level 1		PAC		12,500.0000		2.86		35,750.00	
Level 1		Polymer		36,000.0000		1.65		59,400.00	
Level 1		Sodium Bisulfite		3,500.0000		1.71		5,985.00	
Level 1		Sodium Hypochlorite		12,000.0000		.93		11,160.00	
								Level 1 Totals	\$136,695.00
0030-8888 5269.0000	Repairs-Equipment	28,135.34	27,000.00	51,191.24	30,000.00	43,646.07	30,000.00	.00	.00
Budget Transactions									
Level		Transaction		Number of Units		Cost Per Unit		Total Amount	
Level 1		Equipment Repairs		1.0000		30,000.00		30,000.00	
								Level 1 Totals	\$30,000.00



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Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5275.0000	Vehicle repair parts	31,973.96	26,400.00	44,588.61	31,000.00	45,995.78	36,000.00	5,000.00	16.12
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 11 Vehicles and Misc Equipment				1.0000	36,000.00	36,000.00		
						Level 1 Totals	\$36,000.00		
0030-8888 5280.0000	Office Supplies	1,741.57	2,200.00	3,130.73	2,200.00	2,458.57	2,400.00	200.00	9.09
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Office Supplies, Postage, Printing				1.0000	2,400.00	2,400.00		
						Level 1 Totals	\$2,400.00		
0030-8888 5284.0000	Service Agreements	7,709.79	9,200.00	10,426.31	9,620.00	15,200.48	16,270.00	6,650.00	69.12
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Fire Alarm System				1.0000	1,010.00	1,010.00		
	Level 1 Other				1.0000	1,260.00	1,260.00		
	Level 1 Uniforms				1.0000	14,000.00	14,000.00		
						Level 1 Totals	\$16,270.00		
0030-8888 5295.0000	Telephone	2,005.88	2,000.00	2,073.73	2,000.00	1,987.23	2,200.00	200.00	10.00
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Landline Phone Service				1.0000	2,200.00	2,200.00		
						Level 1 Totals	\$2,200.00		
0030-8888 5300.0000	Water	20,713.67	20,500.00	21,659.78	21,050.00	24,016.69	21,900.00	850.00	4.03
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Public Works Use-WPCA Share 75%				1.0000	12,800.00	12,800.00		
	Level 1 Water Supply Pumping Stations				1.0000	2,700.00	2,700.00		
	Level 1 Water Supply WPCF				1.0000	6,400.00	6,400.00		
						Level 1 Totals	\$21,900.00		
0030-8888 5346.0000	Software	10,342.00	11,507.00	12,424.25	10,437.00	10,410.75	10,537.00	100.00	.95
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Allmax				1.0000	3,670.00	3,670.00		
	Level 1 Benteley-SewerCAD				1.0000	2,252.00	2,252.00		



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Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
Level 1	Longwatch					1.0000	670.00	670.00	
Level 1	QDS-Sewer Billing					1.0000	3,450.00	3,450.00	
Level 1	Win-911					1.0000	495.00	495.00	
Level 1 Totals								\$10,537.00	
0030-8888 5350.0000	NewEquipFurniture&Fixture	28,735.72	30,000.00	52,569.11	30,000.00	6,203.08	30,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	New Equipment					1.0000	30,000.00	30,000.00	
Level 1 Totals								\$30,000.00	
0030-8888 5350.0001	Safety Equipment	3,386.07	4,000.00	3,265.41	4,000.00	3,310.20	4,200.00	200.00	5.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Safety Equipment and Supplies					1.0000	4,200.00	4,200.00	
Level 1 Totals								\$4,200.00	
0030-8888 5351.0000	New Vehicle/Equip.	60,000.00	60,000.00	60,000.00	60,000.00	31,945.79	60,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	New Vehicles					1.0000	60,000.00	60,000.00	
Level 1 Totals								\$60,000.00	
0030-8888 5356.0000	Communication Cell Phones	3,269.71	3,500.00	4,286.47	3,700.00	4,140.00	4,800.00	1,100.00	29.72
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	WPCA Cell Phones and Mobil Devices					1.0000	4,800.00	4,800.00	
Level 1 Totals								\$4,800.00	
0030-8888 5357.0000	Capital Reserve	300,000.00	300,000.00	300,000.00	300,000.00	.00	300,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	WPCA Capital Reserve					1.0000	300,000.00	300,000.00	
Level 1 Totals								\$300,000.00	
0030-8888 5406.0000	Disposal	18,603.27	20,000.00	13,479.42	15,000.00	12,018.36	15,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Grease					1.0000	1,200.00	1,200.00	



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Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
Level 1	Recycling					1.0000	1,800.00	1,800.00	
Level 1	Special Waste					1.0000	12,000.00	12,000.00	
	Level 1 Totals							\$15,000.00	
0030-8888 5410.0000	Naug Treatment Co-Haul	386,936.55	415,000.00	390,845.00	410,000.00	399,996.00	410,000.00	.00	.00
	Budget Transactions								
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Sludge Disposal					1.0000	410,000.00	410,000.00	
	Level 1 Totals							\$410,000.00	
0030-8888 5412.0000	Sampling	11,547.87	12,000.00	12,163.37	12,300.00	17,302.22	12,300.00	.00	.00
	Budget Transactions								
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Contracted Sample Analysis					1.0000	11,350.00	11,350.00	
Level 1	EPA DMR-QA Samples					1.0000	950.00	950.00	
	Level 1 Totals							\$12,300.00	
0030-8888 5413.0000	Discharge Permit	4,377.50	4,395.00	4,057.50	18,685.00	18,722.50	4,496.00	(14,189.00)	(75.93)
	Budget Transactions								
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Municipal Transfer Station					1.0000	800.00	800.00	
Level 1	Nitrogen General Permit					1.0000	1.00	1.00	
Level 1	NPDES					1.0000	2,800.00	2,800.00	
Level 1	Other					1.0000	370.00	370.00	
Level 1	Special Waste					1.0000	525.00	525.00	
	Level 1 Totals							\$4,496.00	
0030-8888 5469.0000	Add & Deletions Final	3,583.20	2,000.00	1,849.56	2,000.00	1,882.00	2,000.00	.00	.00
	Budget Transactions								
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Additions and Deletions					1.0000	2,000.00	2,000.00	
	Level 1 Totals							\$2,000.00	
0030-8888 5651.0000	Contingent Expense	4,999.00	10,000.00	.00	10,000.00	763.20	10,000.00	.00	.00
	Budget Transactions								
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Contingency-Sewr Backup, Flooding					1.0000	10,000.00	10,000.00	
	Level 1 Totals							\$10,000.00	



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G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5700.0000	Workers' Comp Premiums	48,516.88	37,798.00	37,798.08	29,783.00	29,782.96	29,172.00	(611.00)	(2.05)
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Workers Compensation Premium WPCA Share				1.0000	29,172.00	29,172.00		
						Level 1 Totals	\$29,172.00		
0030-8888 5703.0000	Insurance - Liab/Auto	74,755.92	76,974.00	76,975.04	73,195.00	74,418.44	73,195.00	.00	.00
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Flood Insurance- Harris Drive				1.0000	850.00	850.00		
	Level 1 Liability Insurance				1.0000	72,345.00	72,345.00		
						Level 1 Totals	\$73,195.00		
0030-8888 5704.0000	Bond Premiums	73,143.99	165,901.00	200,116.14	701,027.00	222,103.86	732,226.00	31,199.00	4.45
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 CWF-546- DC WPCF Upgrade PLO#2				1.0000	163,794.00	163,794.00		
	Level 1 CWF-546-DC WPCF Upgrade PLO#1				1.0000	424,021.00	424,021.00		
	Level 1 CWF-611-C FOG Facility				1.0000	55,562.00	55,562.00		
	Level 1 CWF-695-DC East Basin				1.0000	88,849.00	88,849.00		
						Level 1 Totals	\$732,226.00		
0030-8888 5707.0000	Tax Collector	14,121.45	15,675.00	14,921.95	17,450.00	9,281.65	16,700.00	(750.00)	(4.29)
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Tax Collector Fee (0.35% of Billings)Est Billings \$4,769,404				1.0000	16,700.00	16,700.00		
						Level 1 Totals	\$16,700.00		
0030-8888 5709.0000	Outside Services	48,331.68	40,000.00	43,445.72	40,000.00	30,372.20	40,000.00	.00	.00
	Budget Transactions								
	Level Transaction				Number of Units	Cost Per Unit	Total Amount		
	Level 1 Plant & Pump Station Engineering and Services				1.0000	40,000.00	40,000.00		
						Level 1 Totals	\$40,000.00		



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G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5712.0000	Audit Fees	5,890.00	6,033.00	5,890.00	6,000.00	5,760.00	6,000.00	.00	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Annual Audit Fees					1.0000	6,000.00	6,000.00	
Level 1 Totals								\$6,000.00	
0030-8888 5714.0000	Bond Interest	84,022.87	57,312.00	56,000.75	319,191.00	213,858.91	450,080.00	130,889.00	41.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	CWF 546-DC WPCF Upgrade PLO#1					1.0000	197,363.00	197,363.00	
Level 1	CWF 546-DC WPCF Upgrade PLO#2					1.0000	204,663.00	204,663.00	
Level 1	CWF-611-C FOG Facility					1.0000	12,008.00	12,008.00	
Level 1	CWF-695-DC East Basin Sewer					1.0000	36,046.00	36,046.00	
Level 1 Totals								\$450,080.00	
0030-8888 5750.0000	Employee Benefits	490,786.71	556,976.00	455,072.77	431,023.00	331,928.51	524,344.00	93,321.00	21.65
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Employee Medical Benefits					1.0000	450,272.00	450,272.00	
Level 1	Employer HSA Contributions					10.0000	2,000.00	20,000.00	
Level 1	Life Insurance					1.0000	3,720.00	3,720.00	
Level 1	Over 65 Health Insurance					1.0000	50,352.00	50,352.00	
Level 1 Totals								\$524,344.00	
0030-8888 5751.0000	Mun Emp Ret Fd	154,504.64	129,261.00	173,707.52	174,996.00	113,633.28	160,472.00	(14,524.00)	(8.29)
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	WPCA Pension Contribution DB Plan-8 Employees					1.0000	160,472.00	160,472.00	
Level 1 Totals								\$160,472.00	
0030-8888 5751.0001	Defined Contributions	10,834.67	18,059.00	16,898.82	19,056.00	14,480.69	22,755.00	3,699.00	19.41
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	8 Employees @ 8% of Payroll					1.0000	22,755.00	22,755.00	
Level 1 Totals								\$22,755.00	



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G/L Account	Account Description	2018 Actual Amount	2019 Amended Budget	2019 Actual Amount	2020 Amended Budget	2020 Actual Amount	2021 Level 1	\$ Change	% Change
Fund 0030 - Water Pollution Ctl Auth									
Department 8888 - Non Dept.									
0030-8888 5753.0000	Emp FICA	70,040.65	83,918.00	74,226.67	86,968.00	65,477.33	90,664.00	3,696.00	4.24
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	FICA-Salaries,Wages, OT, Accrued SL, Lump Sum					1.0000	90,664.00	90,664.00	
Level 1 Totals								\$90,664.00	
0030-8888 5761.0000	Acc Sick Leave	.00	68,570.00	.00	73,852.00	33,662.68	.00	(73,852.00)	(100.00)
0030-8888 5890.0000	Transfer Out	606,000.00	870,000.00	870,000.00	490,000.00	.00	390,000.00	(100,000.00)	(20.40)
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Transfer out TO Fund #31					1.0000	390,000.00	390,000.00	
Level 1 Totals								\$390,000.00	
0030-8888 5890.0123	Transfer Out - Repayment	617,353.00	517,353.00	517,353.00	417,354.00	.00	417,353.00	(1.00)	.00
Budget Transactions									
Level	Transaction					Number of Units	Cost Per Unit	Total Amount	
Level 1	Central Drainage Basin I/I Phase I					1.0000	200,000.00	200,000.00	
Level 1	East Drainage Basin I/I Phase I					1.0000	128,549.00	128,549.00	
Level 1	New Harwinton Repayment to Fund #490					1.0000	88,804.39	88,804.00	
Level 1 Totals								\$417,353.00	
Department 8888 - Non Dept. Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%
Fund 0030 - Water Pollution Ctl Auth Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%
Net Grand Totals		\$4,698,153.92	\$5,137,929.00	\$5,108,456.52	\$5,490,286.00	\$3,226,525.68	\$5,796,598.00	\$306,312.00	5.58%

Water Pollution Control Authority

Expenditure Budget Descriptions

FY20/21

Acct#	Description	Budget Request	Percent of Budget	FY 19/20 Approved	% Increase (Decrease)
5100	Salaries I Salary- Director \$28276 Salary - Administrator, WPCA-\$106,662.57 Longevity - Administrator \$15 x 53 wks = \$795	\$135,733.57	2.30%	\$133,152.00	1.94%
5103	Regular Wages 14 Employees wages @ 40.0 hrs/wk \$889,127.28 1 Employee @ 25.5 Hrs/Wk - \$43,529.38 Longevity - \$3758.71	\$936,415.37	16.15%	\$799,052.00	17.19%
5104	Overtime Emergency Callouts, OT Plant Ops = \$58,000 Weekend/Holiday OT = \$55,000	\$113,000.00	1.90%	\$110,000.00	2.73%
5753	Employer FICA (Salaries,Wages,Overtime,Lump Sum, Accrud SL)	\$90,664.00	1.50%	\$86,968.00	4.25%
	Sub-Total Salaries & Wages	\$1,275,812.94	22.01%	\$1,129,172.00	12.99%
5120	Lump Sum Retirement	\$0.00	0.00%	\$20,771.00	-100.00%
5210	Clothing Allowance Shoe- 14 emp x \$180/emp=\$2,520	\$2,520.00	0.04%	\$2,160.00	16.67%
5223	Education/Schooling/Seminars WEFTEC Conf, NEWEA Conf, Training Seminars	\$3,500.00	0.06%	\$3,000.00	16.67%
5700	Workmans Compensation	\$29,172.00	0.50%	\$29,783.00	-2.05%
5750	Employee Benefits(Medical) Health Insurance Renewal - \$450,271.44 Employer Share of H S A contributions - \$20,000.00 "Over 65" health insurance - \$50,352 (19 Retirees) Life Insurance: \$3,720.00	\$524,344.00	7.44%	\$431,023.00	21.65%
5751	Municipal Retirement Fund DB Plan 8 Employees	\$160,472.09	3.02%	\$174,996.00	-8.30%
5751.0001	Municipal Retirement Fund DC Plan 8 Employees @ 8% of Payroll	\$22,754.50	0.33%	\$19,056.00	19.41%
5761	Accrued Sick Leave	\$0.00	0.00%	\$73,852.00	-100.00%

Acct#	Description	Budget Request	Percent of Budget	FY 19/20 Approved	% Increase (Decrease)
Sub-Total Employee Benefits		\$742,762.59	12.81%	\$754,641.00	-1.57%
5225	Electricity WPCF: EST: \$350,000 Pumping Stations: EST: \$54,000 CCM Surcharge: EST \$3,500 Est 15% Increase	\$407,500.00	6.11%	\$354,100.00	15.08%
5238	Heating Fuel & Diesel Fuel(Generator) Treatment Plant/Pump Station/Sewer Maint Facility #2-\$2.06801/gal, 11,500 gallons Est (\$23,805) Diesel \$1.8728/gal, 1000 Gallons Est (\$1,870)	\$25,675.00	0.51%	\$29,590.00	-13.23%
5242	Motor Fuel & Oil for Vehicles Gas-\$1.8302/gal Est 5500 Gals (\$10,066) Diesel-\$1.8728/gal, Est 4000 Gals (\$7,500) *City Surcharge: Gas& Diesel-\$0.50gal Est 9500 Gals (\$4,750)	\$22,295.00	0.41%	\$23,684.00	-5.86%
5295	Telephone	\$2,200.00	0.04%	\$2,000.00	10.00%
5300	Torrington Water Co. WPCF: \$6,400, Pump Stations:\$2,700 Hydrant Use: 75% of Public Works-\$12,800	\$21,900.00	0.36%	\$21,050.00	4.04%
5356	Communications	\$4,800.00	0.06%	\$3,700.00	29.73%
Sub-Total Utilities		\$484,370.00	8.36%	\$434,124.00	11.57%
5220	Publications/Dues/Fees WEF,CWPAA,CAWPCA- \$300 License Renewals - \$700 Legal Notices/Press Releases-\$1000	\$2,200.00	0.04%	\$2,000.00	10.00%
5250	Laboratory Supplies Chemicals/Glassware/Equipment	\$9,000.00	0.16%	\$8,700.00	3.45%
5255	Materials and Supplies Gloves (\$3,000), Cleaning supplies(\$3,000) Frames, Covers, Rings (\$20,000) Paint, Degreasers, Fasteners, Elec/Plumb Supplies (\$14,000)	\$40,000.00	0.69%	\$40,000.00	0.00%
5256	Chemicals Polymer 36000 lbs @ 1.65/lb: \$59,400 Hypochlorite - 12000 gals@\$0.93/gal: \$11,160 Sodium Bisulfite: 3500 gals@\$1.71/gal: \$6000 PAC, EPIC WW 70 total 12,500gal \$35,750 \$2.86 per Gallon	\$136,695.00	2.36%	\$75,190.00	81.80%

Acct#	Description	Budget Request	Percent of Budget	FY 19/20 Approved	% Increase (Decrease)
	Alum 17,000gallons @ \$1.20 per gallon = \$20,400 Other Chemicals: EST \$4,000				
5280	Office Supplies & Postage	\$2,400.00	0.04%	\$2,200.00	9.09%
	Sub-Total Materials & Supplies	\$190,295.00	3.28%	\$128,090.00	48.56%
5350	New Equipment Treatment Plant & Pump Stations & Sewer Maintenance SCADA System Upgrades, CL2 Monitors, PLC's Pumps, Motors, VFD, Instrumentation	\$30,000.00	0.52%	\$30,000.00	0.00%
5350-1	Safety Equipment Bloodborne Pathogen Kits, Spill Kits, Gloves First Aid Supplies	\$4,200.00	0.07%	\$4,000.00	5.00%
	Sub-Total Equipment & Vehicles	\$34,200.00	0.59%	\$34,000.00	0.59%
5245	Facility Maintenance(i.e. cleaning,painting,repair)	\$12,000.00	0.21%	\$12,000.00	0.00%
5269	Equipment Repairs Repair parts for pumps, motors, gearboxes...	\$30,000.00	0.52%	\$30,000.00	0.00%
5275	Vehicle Repairs 11 Vehicles & Misc Equip EQM Rate Increase	\$36,000.00	0.62%	\$31,000.00	16.13%
	Sub-Total Maintenance & Repairs	\$78,000.00	1.35%	\$73,000.00	6.85%
5232	Credit Card Fees	\$0.00	0.00%	\$0.00	#DIV/0!
5232.0001	Administrative Fees Administrative Services Provided by City (Finance, Personnel, IT, Engineering)	\$25,000.00	0.43%	\$25,000.00	0.00%
5284	Service Agreements Copier Service: \$500 EST Simplex Timeclock:\$0 Fire Ext Annual(\$360), Scales Annual Cal(\$400) Fire Alarm Monitoring \$360/yr Fire Alame Testing: \$650 Uniforms \$14,000/yr	\$16,270.00	0.28%	\$9,620.00	69.13%
5346	Software Allmax-(OP10, Antero)\$3,670 Longwatch-Plant Security \$670 iFix Global Care \$0 Win-911 \$495 Quality Data: Utility Billing 2000: \$2850, Qsearch: \$600 Keller Online (\$1990) Expires 7/31/21 -\$0	\$10,537.00	0.18%	\$10,437.00	0.96%

Acct#	Description	Budget Request	Percent of Budget	FY 19/20 Approved	% Increase (Decrease)
	SewerCAD: \$2252				
5406	Disposal Programs Special Waste:\$12,000 Grease:\$1200.00 Municipal Transfer Sta:Batteries,Waste oil~\$1000/yr Refuse and Recyclable Collection~\$800/yr	\$15,000.00	0.26%	\$15,000.00	0.00%
5410	Sludge Disposal Program Current \$0.0859/gal Avg 400,000 gal/mth = 4,800,000 gal/yr	\$410,000.00	7.07%	\$410,000.00	0.00%
5412	Sampling:DEP Monitoring reports Nutrients,Grit/Rags,Toxicity(Aquatic,Chronic,Sludge) DMRQA Samples: \$950	\$12,300.00	0.21%	\$12,300.00	0.00%
5413	Permits & Fees NPDES-\$2800 Special Waste:\$525 Municipal Transfer Station:\$800 Boiler Inspections: \$320 UST-\$50 Nitrogen General Permit: \$0	\$4,496.00	0.08%	\$18,685.00	-75.94%
5469	Additions and Deletions Variances from Sewer Billings	\$2,000.00	0.03%	\$2,000.00	0.00%
5703	Liability Insurance Liability and Property Insurance: \$72,345 Flood Ins Harris Dr:\$850/yr	\$73,195.00	1.26%	\$73,195.00	0.00%
5707	Tax Collector 0.35% of billing(EST: \$4,769,404) Residential: \$3,985,056 Commercial:\$740,319 Special: \$44,029	\$16,700.00	0.29%	\$17,450.00	-4.30%
5708	Property Tax-Exempt Property Use: 34% WPCA / 66% CITY	\$0.00	0.00%	\$0.00	#DIV/0!
5709	Engineering/Outside services Plant & Pump Station Modifications Facility Study Planning, Sewer Projects	\$40,000.00	0.69%	\$40,000.00	0.00%
5712	Audit Fees -ESTIMATE	\$6,000.00	0.10%	\$6,000.00	0.00%
	Sub-Total Contractual Services	\$631,498.00	10.89%	\$639,687.00	-1.28%
5651	Contingency Fund Sewer Backups,Flooding,High Water Limited to \$5,000/backup	\$10,000.00	0.17%	\$10,000.00	0.00%

Acct#	Description	Budget Request	Percent of Budget	FY 19/20 Approved	% Increase (Decrease)
Sub-Total Other		\$10,000.00	0.17%	\$10,000.00	0.00%
Sub-Total O&M		\$3,446,938.53	59.46%	\$3,202,714.00	7.63%
5357	Capital Reserve Expense	\$300,000.00	5.18%	\$300,000.00	0.00%
5351	New Vehicles	\$60,000.00	1.04%	\$60,000.00	0.00%
5890	Transfer out to Fund 31 (CWF-546DC)	\$390,000.00	6.73%	\$490,000.00	-20.41%
5890.0123	Transfer out/Repayment Fund 490	\$417,354.00	7.20%	\$417,354.00	0.00%
	New Harwinton Rd PS:\$88,804.39				
	East Drainage Basin I/I Phase I:\$128,548.68				
	Central Drainage Basin I/I Phase I:\$200,000				
Sub-Total Sinking Fund/Capital Recovery		\$1,167,354.00	20.14%	\$1,267,354.00	-7.89%
5704	Bond Premium:Confirmed	\$732,226.00	12.63%	\$701,027.00	4.45%
	CWF-611-C: 2010 FOG Facility - \$55,562				
	CWF-695-DC: 2016 East Basin I/I-\$88,849				
	CWF546-DC: WPCF Upgrade PLO#1-\$424,021 (Confirmed)				
	CWF546-DC: WPCF Upgrade PLO#2-\$163,794 (ESTIMATE)				
5714	Bond Interest: Confirmed	\$450,080.00	7.76%	\$319,191.00	41.01%
	CWF-611-C: FOG Facility -\$12,008				
	CWF-695-DC: 2016 East Basin I/I-\$36,046				
	CWF546-DC: WPCF Upgrade PLO#1-\$197,363 (Confirmed)				
	CWF546-DC: WPCF Upgrade PLO#2-\$204,663 (ESTIMATE)				
Sub-Total Debt Service		\$1,182,306.00	20.40%	\$1,020,218.00	15.89%
GRAND TOTAL		\$5,796,599.00	100.00%	\$5,490,286.00	5.58%

Revisions

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City of Torrington

Department of Public Works

Water Pollution Control

Five-Year Capital Improvement Budget/Program

Program Summaries

FYE 2021
(2021-2025)

WATER POLLUTION CONTROL AUTHORITY

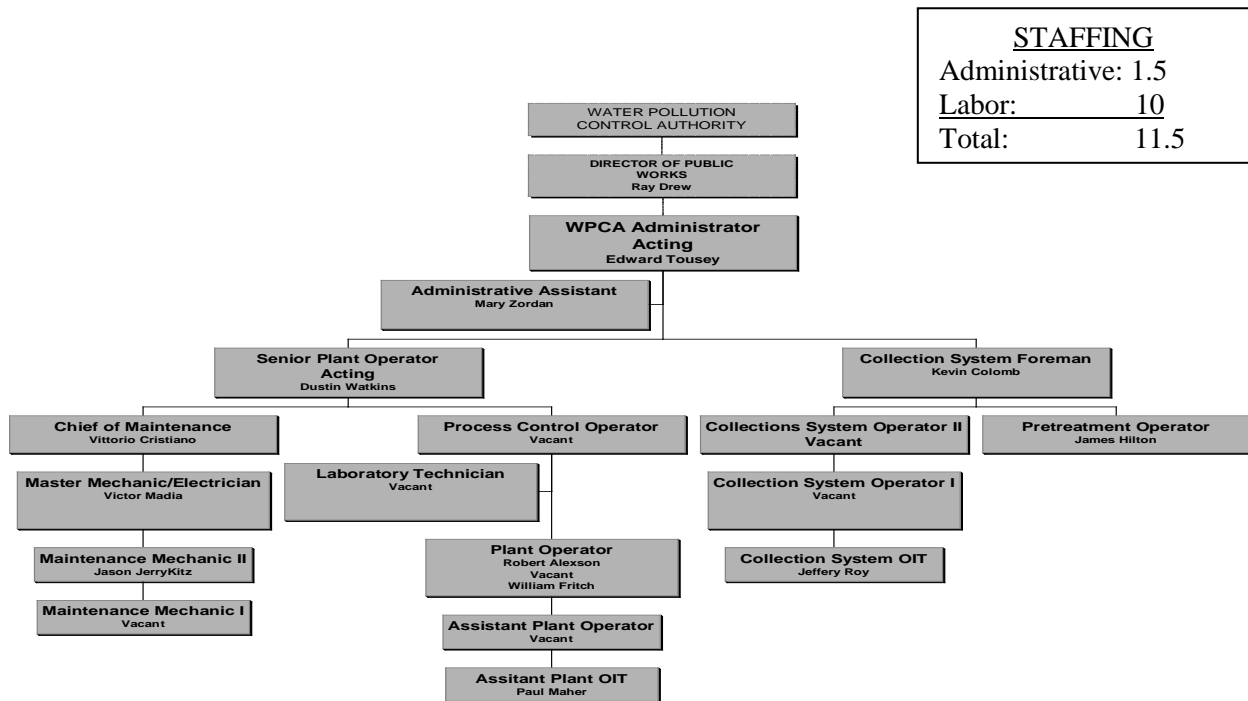
Director: Raymond Drew
Acting Administrator: Edward Tousey
Acting Senior Operator: Dustin Watkins

Function: To administer the financial self-sufficiency of the Water Pollution Control Authority; Operate and Maintain a Seven (7) Million Gallon Per Day Advanced Wastewater Treatment Plant, Approximately 163 mile Sanitary Sewer collection System, and 14 Wastewater Pumping Stations. Operate a drop site recycling facility for used motor oil, batteries, and other recyclables. Operate and maintain a regional septage receiving facility and regional grease removal facility. Administer the sewer use billing information, industrial pretreatment monitoring, maintenance, and construction of Wastewater Treatment Plant, Collection System and Pumping Stations. Interact with all appropriate Federal, State, Local Agencies and Departments.

Staffing: The current staffing allocation of the WPCA consists of 14.5 employees to perform all necessary functions. There is currently there (3) vacancies.

Funding: The primary funding source of the WPCA is generated from sewer use fees. Residential rates are based on the number of dwelling units and industrial and commercial sewer use fees are based on the actual water consumption of the property. Additional revenue is generated from Inter-municipal Agreements with the Towns of Harwinton and Litchfield, surcharges on high strength waste, trucked waste from grease generators and septage haulers. We also actively pursue grants and other funding from state and federal sources.

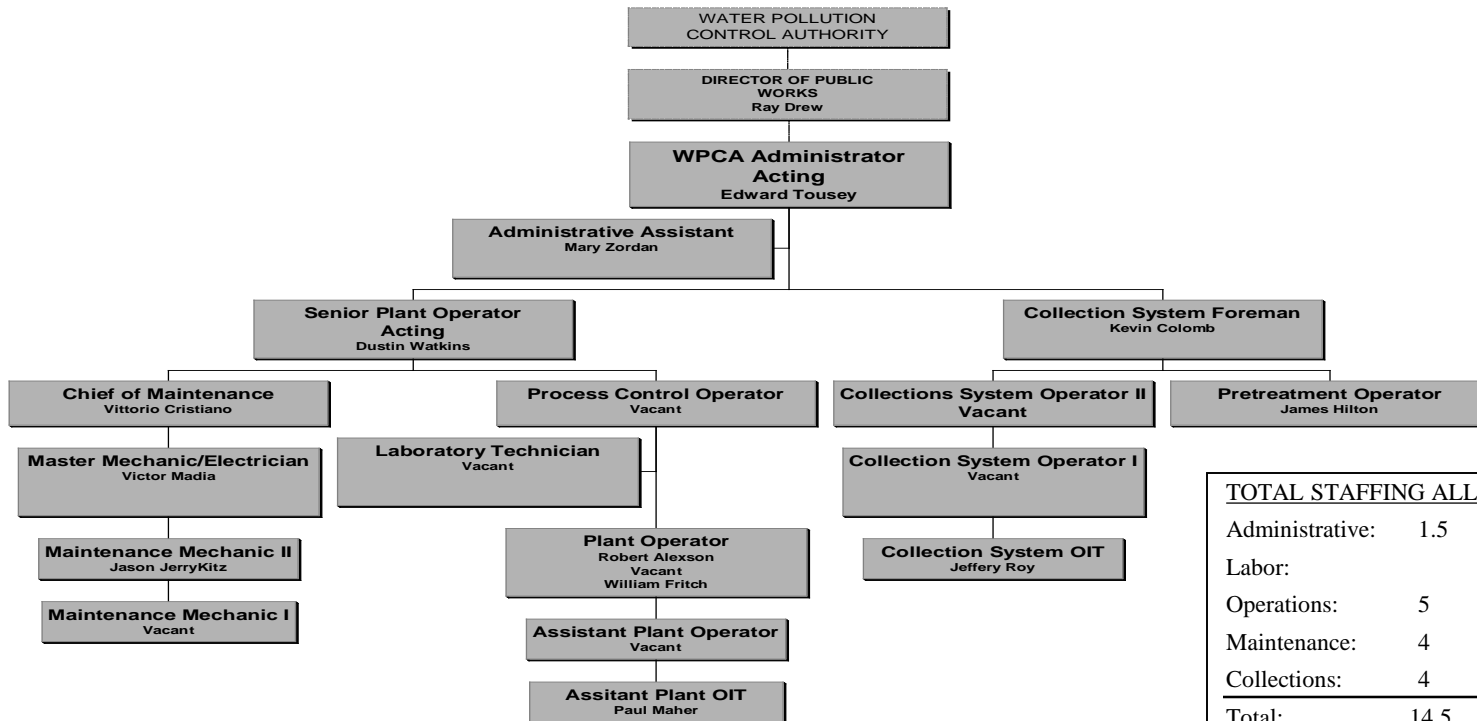
TORRINGTON PUBLIC WORKS 2021 WATER POLLUTION CONTROL



TORRINGTON PUBLIC WORKS

2021

WATER POLLUTION CONTROL



TOTAL STAFFING ALLOCATION	
Administrative:	1.5
Labor:	
Operations:	5
Maintenance:	4
Collections:	4
Total:	14.5
Current Total	12.5

CITY OF TORRINGTON
DEPARTMENT OF PUBLIC WORKS
CAPITAL IMPROVEMENT PROGRAM, PROJECT SUMMARY
WATER POLLUTION CONTROL AUTHORITY
FY 20/21 to 24/25

PROJECT		FUNDING	TOTAL ESTIMATED COST	BALANCE TO COMPLETE	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25
D-1Aa	I/I & SSES-Central Drainage Basin	SSCF	\$252,000	\$252,000	\$252,000				
D-1Ab	I/I & SSES-Central Drainage Basin	CWF(G)	\$306,000	\$306,000	\$306,000				
D-1Ac	I/I Rehab-Central Drainage Basin	CWF(L)	\$4,000,000	\$4,000,000		\$4,000,000			
D-1Ba	I/I & SSES-West Drainage Basin	SSCF	\$270,000	\$270,000			\$270,000		
D-1Bb	I/I & SSES-West Drainage Basin	CWF(G)	\$330,000	\$330,000				\$330,000	
D-1Bc	I/I Rehab-West Drainage Basin	CWF(L)	\$4,000,000	\$4,000,000					\$4,000,000
D-1Ca	I/I & SSES-Northwest Drainage Basin	SSCF	\$292,500	\$292,500				\$292,500	
D-1Cb	I/I & SSES-Northwest Drainage Basin	CWF(G)	\$357,500	\$357,500					\$357,500
D-1Cc	I/I Rehab-Northwest Drainage Basin	CWF(L)	\$4,000,000	\$4,000,000					
D-1D	I/I & SSES/Rehab-Northeast Drainage Basin	SSCF & CWF(G/L)	\$4,750,000	\$4,750,000					
D-2	Reserved								
D-3Aa	Toro Siphon & Crossing Rehab	SSCF	\$206,000	\$206,000	\$206,000				
D-3Ab	Toro Siphon & Crossing Rehab	CWF(G/L)	\$2,884,000	\$2,884,000		\$2,884,000			
D-3B	East Main St Sewer Rehab	SSCF	\$300,000	\$300,000			\$300,000		
D-4	Sewer Repairs(Annual)	SSCF	\$1,000,000	\$1,000,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
D-5	Cinnamon Ridge PS Elimination/Sewer Extn	SSCF	\$250,000	\$250,000					\$250,000
D-6	Winsted Road PS Modification	SSCF	\$212,000	\$212,000		\$212,000			
D-7	Sewer System Meter Installations	SSCF	\$250,000	\$250,000	\$50,000	\$200,000			
D-8A	S. Main St Sewer Installation Phase I	Bond	\$1,600,000	\$1,600,000					\$1,600,000
D-8B	S. Main St Sewer Installation Phase II	Bond	\$1,400,000	\$1,400,000					
D-8C	S. Main St Sewer Installation Phase III	Bond	\$1,400,000	\$1,400,000					
D-9	Harris Drive PS Modifications	SSCF & CWF(L)	\$2,260,000	\$2,100,000	\$300,000	\$1,800,000			
D-10	Ella Grasso PS Modifications	WPCA Cap. Bgt	\$260,000	\$260,000				\$260,000	
D-11	Industrial Ln PS Modifications	WPCA Cap. Bgt	\$260,000	\$260,000			\$260,000		
D-12	Evergreen & Cliffside PS Modifications	WPCA Cap. Bgt	\$300,000	\$250,000	\$250,000				
D-13	Torrington Farms PS Modifications	WPCA Cap. Bgt	\$100,000	\$100,000					\$100,000
D-14	CMOM/Asset Management Plan	SSCF	\$200,000	\$150,000	\$150,000				
D-15	Homestead/Kimball Road Sewers	SSCF	\$750,000	\$750,000	\$750,000				
D-16	Burrville WPCF Demolition	WPCA Cap. Bgt	\$360,000	\$360,000					
D-17	Albert St Sewer Rehab	SSCF	\$435,000	\$435,000		\$45,000	\$390,000		
D-18	Pump Sta. Imp.(Annual)	WPCF O&M Bgt	\$75,000	\$75,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
D-19	Sanitary Sewer ROW Clearing	SSCF	\$100,000	\$100,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
D-20	Vehicles(Annual)	WPCF O&M Bgt	\$300,000	\$300,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
D-21	RESERVED								
D-22	RESERVED								
D-23	RESERVED								
D-24	WPCF Upgrade & Modifications	CWF(G/L)	\$72,360,000	\$36,081,000	\$19,440,000	\$16,641,000			
SUB TOTAL - WPCF O&M BUDGET			\$375,000	\$375,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
SUB TOTAL - WPCA CAP BUDGET FUNDED			\$1,280,000	\$1,230,000	\$250,000	\$0	\$260,000	\$260,000	\$100,000
SUB TOTAL - SSCF FUNDED			\$5,218,500	\$5,152,500	\$1,658,000	\$857,000	\$1,180,000	\$512,500	\$470,000
SUB TOTAL - CWF Loan(Typ 80% or 100% of Project)			\$75,207,160	\$47,454,841	\$15,063,840	\$20,591,001	\$0	\$0	\$4,000,000
SUB TOTAL - CWF GRANT FUNDED (Typ 20% of Project)			\$19,339,340	\$10,668,659	\$4,952,160	\$4,553,999	\$0	\$330,000	\$357,500
SUB TOTAL - Bond FUNDED			\$4,400,000	\$4,400,000	\$0	\$0	\$0	\$0	\$1,600,000
GRAND TOTALS - ALL PROJECTS			\$105,820,000	\$69,281,000	\$21,999,000	\$26,077,000	\$1,515,000	\$1,177,500	\$6,602,500

FOOTNOTES:
CWF Funding: Planning: 55% G, WPCF: ~77%L/23%G

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-1Aa, D-1Ab & D-1Ac

TITLE: I/I & SSES/Rehab-Central Drainage Basin

DESCRIPTION/PURPOSE/JUSTIFICATION

Central Drainage Basin Phase I&II - Infiltration/Inflow (I/I) Study to identify major points of excessive water (storm & ground water) entering the sanitary sewer system. Central Basin Initial Monitoring Conducted Spring 2016

Central Drainage Basin Phase III, Construction/Rehabilitation of Cost effective improvements as identified in the Infiltration/Inflow (I/I) Study. To Reduce sources of excessive water (storm & ground water) entering the sanitary sewer system.

Phase I; Study \$558,000

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF CWF(G)	252 306					252 306
B.	Land and Right of Way							
C.	Construction	CWF(L)		4000				4000
D.	Equipment							
E.	Other Costs							
Total:			558	4000				4558

*Funding Source: SSCF – Fund # 490 CWF(G) – Clean Water Fund Grant
 WPCA - Fund # 31 CWF(L) – Clean Water Fund Loan
 Bond - Bonded WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-1Ba, D-1Bb & D-1Bc TITLE: I/I & SSES/Rehab-West Drainage Basin				
DESCRIPTION/PURPOSE/JUSTIFICATION								
West Drainage Basin Phase I&II - Infiltration/Inflow (I/I) Study to identify major points of excessive water (storm & ground water) entering the sanitary sewer system.								
West Drainage Basin Phase I&II - Construction/Rehabilitation of Cost effective improvements as identified in the Infiltration/Inflow (I/I) Study. To Reduce sources of excessive water (storm & ground water) entering the sanitary sewer system.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF CWF(G)			270	330		270 330
B.	Land and Right of Way							
C.	Construction	CWF(L)					4000	4000
D.	Equipment							
E.	Other Costs							
Total:					270	330	4000	4600
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded		CWF(G) – Clean Water Fund Grant CWF(L) – Clean Water Fund Loan WPCF - Fund # 30				

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-1Ca, D-1Cb & D-1Cc TITLE: I/I & SSES/Rehab-Northwest Drainage Basin				
DESCRIPTION/PURPOSE/JUSTIFICATION								
Northwest Drainage Basin Phase I&II - Infiltration/Inflow (I/I) Study to identify major points of excessive water (storm & ground water) entering the sanitary sewer system.								
Northwest Drainage Basin Phase III, Construction/Rehabilitation of Cost effective improvements as identified in the Infiltration/Inflow (I/I) Study. To Reduce sources of excessive water (storm & ground water) entering the sanitary sewer system.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF CWF(G)				340	410	340 410
B.	Land and Right of Way							
C.	Construction	CWF(L)						4000
D.	Equipment							
E.	Other Costs							
Total:						340	410	4750
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded		CWF(G) – Clean Water Fund Grant CWF(L) – Clean Water Fund Loan WPCF - Fund # 30				

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-1D TITLE: I/I & SSES/Rehab-Northeast Drainage Basin				
DESCRIPTION/PURPOSE/JUSTIFICATION Northeast Drainage Basin Phase I&II - Infiltration/Inflow (I/I) Study to identify major points of excessive water (storm & ground water) entering the sanitary sewer system. Northeast Drainage Basin Phase III, Construction/Rehabilitation of Cost effective improvements as identified in the Infiltration/Inflow (I/I) Study. To Reduce sources of excessive water (storm & ground water) entering the sanitary sewer system.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF CWF(G)						227 278
B.	Land and Right of Way							
C.	Construction	CWF(L)						4000
D.	Equipment							
E.	Other Costs							
Total:								4505
*Funding Source:			SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded		CWF(G) – Clean Water Fund Grant CWF(L) – Clean Water Fund Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/2019	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-2Aa & D-2Ab

TITLE: I/I Rehab – East Drainage Basin

DESCRIPTION/PURPOSE/JUSTIFICATION

Sanitary Sewer System Rehabilitation: Lining of an estimated 57,000 lineal feet and replacement of approximately 3,400 lineal feet in the East Drainage Basin Sanitary Sewer System including areas tributary to East Main St and the New Harwinton Rd Pump Station to remove excessive ground water entering the sanitary sewer system.

Phase IIIA – Replacements completed FY 2015

Phase IIIB – Rehabilitation Project Completed Summer 2017

THIS PROJECT IS COMPLETE

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF						
B.	Land and Right of Way							
C.	Construction	SSCF CWF(G) CWF(L)						
D.	Equipment							
E.	Other Costs							
Total:								

*Funding Source: SSCF – Fund # 490 CWF(G) – Clean Water Fund Grant
 WPCA - Fund # 31 CWF(L) – Clean Water Fund Loan
 Bond - Bonded WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW
12/31/19	FINAL PROJECT COST: \$3,429,918.25

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-3Aa & D-3Ab

TITLE: Toro Siphon and River Crossing Rehab

DESCRIPTION/PURPOSE/JUSTIFICATION

Evaluation and rehabilitation of 3 barrel siphon located at Toro Field. Inlet siphon is in need of modifications and investigate potential for encasement of three barrels and reinforcement of undermining of pipes. Potential to seek alternate route for new sewer installation along east bank of Naugatuck River to WPCF. Project could potentially be coordinated with Greenway Project.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	206					206
B.	Land and Right of Way							
C.	Construction	CWF(L)		2884				2884
D.	Equipment							
E.	Other Costs							
Total:			206	2884				3090

*Funding Source: SSCF – Fund # 490
 WPCA - Fund # 31
 Bond - Bonded

CWF(G) – Clean Water Fund Grant
 CWF(L) – Clean Water Fund Loan
 WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/2019	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-3B

TITLE: East Main St Sewer Rehab

DESCRIPTION/PURPOSE/JUSTIFICATION

Rehabilitation of approximately 550 LF of 18" VCP. Sewer CCTV 2009 found to have lateral cracking entire length. Potential candidate for Lining or sliplining, current pipe maybe oversized. Project should be performed prior to Downtown redevelopment.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
A.	Planning and Engineering	SSCF			50			50
B.	Land and Right of Way							
C.	Construction	SSCF			250			250
D.	Equipment							
E.	Other Costs							
Total:					300			300

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-4 TITLE: Annual Sewer Repairs				
DESCRIPTION/PURPOSE/JUSTIFICATION								
Repair of broken/cracked lines throughout the city sewerage system, modify risers and manholes during road reclamation projects.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	10	10	10	10	10	50
B.	Land and Right of Way							
C.	Construction	SSCF	170	170	170	170	170	850
D.	Equipment	SSCF	20	20	20	20	20	100
E.	Other Costs							
Total:			200	200	200	200	200	1000
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-5 TITLE: Cinnamon Ridge PS Elimination				
<p style="text-align: center;">DESCRIPTION/PURPOSE/JUSTIFICATION</p> <p>With the potential development in this area this station would be a viable candidate for elimination. The station currently serves the Cinnamon Ridge subdivision and Fuel Cell Energy of Technology Park. Fuel Cell Energy is proposing an expansion of their facility. Capacity Study Evaluation was conducted in 2015, the station will be able to continue to meet the needs of the area served.</p>								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF					50	50
B.	Land and Right of Way							
C.	Construction	SSCF					200	200
D.	Equipment							
E.	Other Costs							
Total:							250	250
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-6 TITLE: Winsted Road Pump Station Modifications				
<p style="text-align: center;">DESCRIPTION/PURPOSE/JUSTIFICATION</p> <p>This Pump Station original constructed in 1992 will need upgrades to Electrical, Mechanical and Control Systems. At projected time of proposed modifications station will have been in continuous service for 28 years.</p>								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF		50				50
B.	Land and Right of Way							
C.	Construction	SSCF		162				162
D.	Equipment							
E.	Other Costs							
Total:				212				212
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-7

TITLE: Sewer System Meter Installations

DESCRIPTION/PURPOSE/JUSTIFICATION

Installation of permanent metering stations in 5 locations, a minimum of one in each drainage basin. The flumes were originally installed during the installation of the Interceptor Sewers. Installation of meters will allow for improved management of sewer system and identify and prioritize those areas that should be targeted for I/I rehabilitation work. Meters will provide important information to better manage Wet Weather events.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	40					40
B.	Land and Right of Way							
C.	Construction	SSCF		100				100
D.	Equipment	SSCF		110				110
E.	Other Costs							
Total:			40	210				250

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-8A

TITLE: S. Main St Sewer Installation Phase I

DESCRIPTION/PURPOSE/JUSTIFICATION

Installation of Sewers on South Main Street from St. Francis Cemetery to S. Main Street Pumping Station. This project will allow for sewerage of new industrial park and extension north on S. Main St for future phases. We would like to be able to partner with developer for construction of this project. Design Plans are complete.

Cost Estimates Updated: November 2016

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	Bond SDC					230	230
B.	Land and Right of Way							
C.	Construction	Bond SDC					1370	1370
D.	Equipment							
E.	Other Costs							
Total:							1600	1600

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30 SDC – Shared Developer Cost
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-8B

TITLE: S. Main St Sewer Installation Phase II

DESCRIPTION/PURPOSE/JUSTIFICATION

Installation of sewers from new pumping station south to Vista Drive and continuing south to Bogue Rd. This project is projected as an economic development project with Bond funding to open up south end for future industrial development.

Cost Estimates Updated: February 2016

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	BOND						200
B.	Land and Right of Way							
C.	Construction	BOND						1200
D.	Equipment							
E.	Other Costs							
Total:								1400

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-8C

TITLE: S. Main St Sewer Installation Phase III

DESCRIPTION/PURPOSE/JUSTIFICATION

Installation of Sewers on South Main Street from Brewer St. to S. Main Street Pumping Station. Realignment of Sewers on King Street to eliminate King Street Pumping Station, Realignment of Sewers serving Willowbrook Development (This project will redirect flow from central interceptor). This project is projected to be constructed as an economic development project with Bond funding. This project will eliminate the King Street and Willowbrook Pumping Stations which are in need of Rehabilitation.

Cost Estimates Updated: February 2016

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	BOND						200
B.	Land and Right of Way							
C.	Construction	BOND						1200
D.	Equipment							
E.	Other Costs							
Total:								1400

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-9

TITLE: Harris Drive PS Modifications

DESCRIPTION/PURPOSE/JUSTIFICATION

Built in 1979 to serve industrial parks and Lakeridge development. Area has undergone substantial development, although station capacity is adequate to serve drainage area, electrical and mechanical components need to be upgraded.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	220					220
B.	Land and Right of Way							
C.	Construction	CWF(L)		900				900
D.	Equipment	CWF(L)		1380				1380
E.	Other Costs							
Total:			220	2280				2500

*Funding Source: SSCF – Fund # 490
 WPCA - Fund # 31
 Bond - Bonded

CWF(G) – Clean Water Fund Grant
 CWF(L) – Clean Water Fund Loan
 WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-10 TITLE: Ella Grasso PS Modifications				
DESCRIPTION/PURPOSE/JUSTIFICATION								
Built in 1979 to serve industrial park. Area has undergone substantial development, station capacity may not be adequate to serve ever increasing drainage area. Capacity will need to be evaluated and electrical and mechanical components need to be upgraded.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCA				30		30
B.	Land and Right of Way							
C.	Construction	WPCA				50		50
D.	Equipment	WPCA				180		180
E.	Other Costs							
Total:						260		260
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-11

TITLE: Industrial Ln PS Modifications

DESCRIPTION/PURPOSE/JUSTIFICATION

Built in 1979 to serve industrial park. Area has undergone substantial development; station capacity may not be adequate to serve ever increasing drainage area. Capacity will need to be evaluated and electrical and mechanical components need to be upgraded.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCA			30			30
B.	Land and Right of Way							
C.	Construction	WPCA			50			50
D.	Equipment	WPCA			180			180
E.	Other Costs							
Total:					260			260

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-12

TITLE: Evergreen & Cliffside PS Modifications

DESCRIPTION/PURPOSE/JUSTIFICATION

Stations were built in late 70's for Lakeridge Complex. Station capacities are adequate to continue to serve area. Electrical and Mechanical components will need to be upgraded.
New Pumps installed in Cliffside in 2011- Remainder of station still needs upgrade.
One New Pump Installed at Evergreen in 2016 - Remainder of station still needs upgrade.
Second New Pump Installed at Evergreen in 2017 – Wet Well, Generator and Building need Rehab

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCA	25					25
B.	Land and Right of Way							
C.	Construction	WPCA	125					125
D.	Equipment	WPCA	110					110
E.	Other Costs							
Total:			250					250

*Funding Source: SSCF – Fund # 490 CWF – Clean Water Fund Grant/Loan
 WPCA - Fund # 31 WPCF - Fund # 30
 Bond - Bonded

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-13 TITLE: Tarringford Farms PS Modifications				
DESCRIPTION/PURPOSE/JUSTIFICATION								
Station was built in early 80's for Tarringford Farms subdivision. Additional subdivision flows have been added to this station and station capacity will need to be evaluated. Electrical and Mechanical components will need to be upgraded. There may be a potential to eliminate this station which will be evaluated.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCA					20	20
B.	Land and Right of Way							
C.	Construction							
D.	Equipment	WPCA					80	80
E.	Other Costs							
Total:							100	100
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS	
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL	
DEPARTMENT: Water Pollution Control	PROJECT I.D.: D-14
TITLE: CMOM Plan Development	

DESCRIPTION/PURPOSE/JUSTIFICATION
<p>Develop comprehensive Capacity Management Operation and Maintenance Plan (CMOM) for sanitary sewer system. Plan to address CCTV inspections of system, develop priority improvements, develop hydraulic capacity modeling of system, staff training.</p> <p>Phase I projected to be completed Spring 2019</p>

RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	50					50
B.	Land and Right of Way							
C.	Construction							
D.	Equipment	SSCF	100					100
E.	Other Costs							
Total:			150					150
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS	
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL	
DEPARTMENT: Water Pollution Control	PROJECT I.D.: D-15
TITLE: Homestead Road Sewers	

DESCRIPTION/PURPOSE/JUSTIFICATION
<p>Received petition from homeowners to revisit the installation of sanitary sewers for this area due to potentially failing septic systems. WPCA voted to submit to P&Z for 8-24 review. P&Z returned a favorable recommendation. Project was Approved Fall 2018. Necessary Easements obtained.</p> <p>Project coordination with Torrington Water Company water line installation and city road reconstruction project</p>

RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF	125					125
B.	Land and Right of Way							
C.	Construction	SSCF	675					675
D.	Equipment							
E.	Other Costs							
Total:			750					750
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded		CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30				

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-16

TITLE: Burrville WPCF Demolition

DESCRIPTION/PURPOSE/JUSTIFICATION

This facility originally built in 1969 was designed for Lakeridge and Industrial Park. In 1979 Harris Drive Pumping Station was constructed along with the Northeast Interceptor to transport Wastewater to WPCF on Bogue Rd. In 1980 the Burrville Facility was removed from service and has remained vacant to date. The facility could be evaluated by City of Torrington for other use or should be demolished.

A market Appraisal was completed August 2008, property was appraised at negative \$324,000.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCA						60
B.	Land and Right of Way							
C.	Demolition	WPCA						300
D.	Equipment							
E.	Other Costs							
Total:								360

*Funding Source:	SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded	CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30
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BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-17 TITLE: Albert St Sewer Rehab				
DESCRIPTION/PURPOSE/JUSTIFICATION								
Approximately 1000 LF of 8" VCP pipe is undersized to accommodate current flows and future growth in the West Drainage basin. Propose to replace with 15" DIP/PVC pipe to remove bottleneck in West Interceptor between Litchfield St and South Main St.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	SSCF		45				45
B.	Land and Right of Way							
C.	Construction	SSCF			390			390
D.	Equipment							
E.	Other Costs							
Total:				45	390			435
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

TORRINGTON DEPARTMENT OF PUBLIC WORKS								
CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL								
DEPARTMENT: Water Pollution Control				PROJECT I.D.: D-18 TITLE: Pump Station Improvements				
DESCRIPTION/PURPOSE/JUSTIFICATION Annual Upgrades to existing pumping stations to include software upgrades, communication equipment upgrades, Drainage repair, minor structural modifications.								
RECOMMENDED FINANCING (X \$1000's)								
TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	WPCF	1	1	1	1	1	5
B.	Land and Right of Way							
C.	Construction	WPCF	5	5	5	5	5	25
D.	Equipment	WPCF	9	9	9	9	9	45
E.	Other Costs							
Total:			15	15	15	15	15	75
*Funding Source:		SSCF – Fund # 490 WPCA - Fund # 31 Bond - Bonded			CWF – Clean Water Fund Grant/Loan WPCF - Fund # 30			

BUDGET APPROVAL ACTIONS	
Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-19

TITLE: Sanitary Sewer ROW Clearing

DESCRIPTION/PURPOSE/JUSTIFICATION

Annual projects to clear Sanitary Sewer Right of Ways to ensure access for personnel and equipment as part of our ongoing Preventative Maintenance program.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering							
B.	Land and Right of Way							
C.	Construction	SSCF	20	20	20	20	20	100
D.	Equipment							
E.	Other Costs							
Total:			20	20	20	20	20	100

*Funding Source: SSCF – Fund # 490
 WPCA - Fund # 31
 Bond - Bonded

CWF(G) – Clean Water Fund Grant
 CWF(L) – Clean Water Fund Loan
 WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-20

TITLE: Vehicle Replacement

DESCRIPTION/PURPOSE/JUSTIFICATION

Annual investment to replace old and inefficient WPCA vehicles on a regular established schedule.
Next projected replacement: Rehab CCTV Truck with new camera system, estimated cost \$100,000.

Proposed Replacement of small loader.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering							
B.	Land and Right of Way							
C.	Construction							
D.	Equipment	WPCF	60	60	60	60	60	300
E.	Other Costs							
Total:			60	60	60	60	60	300

*Funding Source: SSCF – Fund # 490 CWF – Clean Water Fund Grant/Loan
 WPCA - Fund # 31 WPCF - Fund # 30
 Bond - Bonded

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

**TORRINGTON
DEPARTMENT OF PUBLIC WORKS**

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

DEPARTMENT: Water Pollution Control

PROJECT I.D.: D-24

TITLE: WPCF Upgrade & Modifications

DESCRIPTION/PURPOSE/JUSTIFICATION

A facility study was completed in FY 2005, this study outlined modifications necessary for WPCF to remain in compliance with current NPDES and State permit requirements. This Study addressed those issues that were not encompassed in the 1988 Facility Study. Additionally the new treatment limits for Nitrogen and Phosphorus will need to be addressed. Plan was approved by DEEP in June 2014.

Referendum Appropriating \$52,000,000 was approved on November 4, 2014. Additional funding Resolution in the amount of \$20,260,000 was approved on September 5, 2017. Loan Payments anticipated to begin FY 18/19 with repayments split between City and WPCA 50/50. Project is currently in final design, projected Bid Winter 2017. Current Cost Estimate as of April 2017 is \$72,260,000. 60% VE Conducted December 2016. Project Bid May 2018, Awarded August 2018, Construction Started October 2018. IFO Issued November 21, 2018.

RECOMMENDED FINANCING (X \$1000's)

TASK		Source Of Funds*	Estimated Expenditures by Year					Total Estimated Cost
			FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	
A.	Planning and Engineering	CWF(G) CWF(L)	344 1100	358 1142				702 2242
B.	Land and Right of Way							
C.	Construction	CWF(G) CWF(L)	2151 6849	1714 5455				3865 12304
D.	Equipment	CWF(G) CWF(L)	2151 6849	1714 5455				3865 12304
E.	Other Costs	WPCA	0 400	0 400				0 800
Total:			19844	16238				36090

*Funding Source: SSCF – Fund # 490 CWF(G) – Clean Water Fund Grant
 WPCA - Fund # 31 CWF(L) – Clean Water Fund Loan
 Bond - Bonded WPCF - Fund # 30

BUDGET APPROVAL ACTIONS

Date	Action/Status
12/31/19	Submit to DPW

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TORRINGTON WATER POLLUTION CONTROL AUTHORITY

MISCELLANEOUS FEES

Effective: 1 July 2020

1. Trucked Waste Permit Application Fee (Hauler):
 - a. New Permit \$75.00/Vehicle
 - b. Renewal Permit \$50.00/Vehicle/Year
2. Domestic/Non-Domestic Wastewater Permit Application Fee (Generator):
 - a. New Permit \$150.00
 - b. Renewal Permit \$125.00
3. RV/Camper Disposal Fee
 - a. Fee per load \$10.00
4. Septage Disposal Fee:
 - a. Each gallon \$0.075
5. Grease Disposal Fee:
 - a. Untreated
 - i. 1-100,000 Gallon \$0.11
 - ii 100,001-200,000 Gallons \$0.10
 - iii 201,000 Gallons or more \$0.09
 - b. Pre-treated (i.e. Mobile Concentrator, AGRUs)*Prior approval required
 - i. Each Gallon \$0.50
6. Mixed Loads: (Accepted with prior approval only)
 - a. First 1000 gallons \$150.00
 - b. Each additional gallon \$0.15
7. Non-Domestic Wastewater
 - a. Determined on an individual basis, based on characteristics of wastewater
8. Surcharges all categories:
 - a. COD > 25,000 mg/l \$0.075/lb COD
9. Emergency Disposal Fee: (In addition to regular fees)
 - a. Per load \$100.00
10. Well Meter Reading Administration Fee: \$15.00
11. Sewer Discharge Permit Application review fee: \$15.00
12. Sewer Lateral Connection/Repair Inspection Fee: \$25.00