

## Public Works Department

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### *Memorandum*

*To:* Gayle Corrigan, Town Manager  
*From:* Joseph C. Duarte, P.E., Director of Public Works  
*Cc:* Linda Dykeman, Finance Director  
Shawn O'Neil, Waste Water Superintendent  
David Perrotta, Assistant Waste Water Superintendent  
*Date:* August 20, 2018  
*Subject:* Waste Water Treatment Facility FY 2019 Proposed Budget

Attached for your review you will find the proposed budget for the Waste Water Treatment Facility for Fiscal Year 2019. Below are highlights of the line items that will have changes greater than or less than 2% for the proposed budget.

**Salaries** - There is a 2% pay increase proposed for FY 2019. Please note that a portion of the Town Manager's, Finance Director's and Director of Public Works salaries are added to this line item. This is to provide a more appropriate accounting of all employees that are involved in administering the Waste Water Treatment Facility's enterprise fund. A portion of the IT Director was also added to this line item due to the support provided to the Sewer Department.

**Longevity** - This account is increasing to reflect employee step increases due to years of service with the town.

**Overtime** - This account is increasing to reflect after-hours repairs and alarm call-backs.

**Contract Services** - This account is increasing due to an increase of repairs needed due to the age of the Treatment Facility. Additionally, funding is being requested for the rehabilitation of five manholes throughout the sewer collection system and the rehabilitation of lateral and sewer mains throughout the sewer collection system.

**Delta Dental and Health Insurance** - These funds are being decreased due to new insurance rates.

**Building Insurance** - This fund is being decreased due to new insurance rates.

FY 2019 Proposed Sewer Budget  
August 20, 2018  
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**Professional Services** - As part of the new RIPDES (discharge) permit, the Town is required to create a plan to determine the vulnerability of the treatment plant and the collection system with regard to the future rising water levels of Greenwich Cove. This account is increasing to account for the required Resiliency Plan.

**Workers Compensation** - This fund is being increased due to new insurance rate increases.

**Building Maintenance** - This account is increasing due to an increase of repairs needed due to the age of the Treatment Facility.

**Chemicals** - This fund is being decreased due to operation changes.

**New Equipment** - This fund is being increased due to the following items:

**Grinder Pumps** – As part of the sewer expansion program, there are several properties that are not able to connect to the sewer system through conventional gravity sewers. As such, the town provides these properties with grinder pumps.

**Backflow Valves** - Funding is being requested for the installation of backflow valves in the treatment plant. The backflow valves are required by KCWA to isolate the treatment plant from KCWA's water system.

**Billing and Collection** – This account is being increased due to the support provided to Sewer Department by the IT and Finance Department support.

**Tipping fees** – This account is being increased to reflect contractual fee increases and increases in sludge handling.

**Capital** – The following reflects the capital upgrade needs of the Waste Water Treatment Plant for FY 2019:

Pump Station Spear Pumps - Funding is being requested for the purchase of spear pumps for two pump stations throughout the sewer collection system.

Chlorine pumps and piping - Funding is being requested for the replacement of the chlorine pumps and the associated piping network. The treatment plant uses sodium hypochlorite as a backup disinfectant.

Pickup truck - Funding is being requested for the replacement of the existing 2007 pickup truck. The pickup truck will be equipped with a lift tailgate and a small crane lift.

**Department of Public Works  
Wastewater Treatment Facility Budget  
Fiscal Year 2019**

**SUMMARY OF REVENUE**

<b>Description</b>	<b>FY 2016 Actual</b>	<b>FY 2017 Actual</b>	<b>FY 2018 Approved</b>	<b>FY 2018 Revenue 8/1/2018</b>	<b>FY 2019 Requested</b>	<b>Percent Increase</b>
<b>User Rate</b>	\$ 10.14	\$ 10.65	\$ 12.06		\$ 12.43	3.07%
<b>\$.01 will raise</b>	\$2,397	\$2,494	\$2,518		\$2,536	
<b>User Fees</b>	\$2,616,992	\$2,686,115	\$3,035,826	\$3,070,963	\$3,152,446	3.8%
<b>Industrial Permits</b>	\$0	\$0	\$0	\$500	\$500	0.0%
<b>Connection Fees</b>	\$4,100	\$4,000	\$5,000	\$3,300	\$4,000	-20.0%
<b>Interest on Delinquent</b>	\$100,442	\$68,740	\$30,000	\$13,459	\$20,000	-33.3%
<b>Sewer Bond/ Misc</b>	\$45,170	\$10,625	\$15,000	\$11,784	\$12,000	-20.0%
<b>Sewer Assessments</b>	\$1,280,847	\$1,205,321	\$1,158,000	\$1,136,294	\$1,136,294	-1.9%
<b>Subtotal Income</b>	\$4,047,551	\$3,974,801	\$4,243,826	\$4,236,300	\$4,325,240	1.9%

# FY2019 BUDGET REQUEST

## Wastewater Facility

### Revenue Summary

#### 0000 - User Fees

The sewer use revenue is based on individual account usage; user consumption is expressed as cubic feet of water used per year. There are 6 user classifications, each classification has a factor assigned to it:

- 1) Residential *(based on 85% of consumption)*
- 2) Commercial A *(based on 100% of consumption)*
- 3) Commercial B *(based on 145% of consumption)*
- 4) Governmental *(based on 100% of consumption)*
- 5) Industrial A *(based on 100% of consumption)*
- 6) Industrial B *(based on 100% of consumption)*

CLASSIFICATION	SEWER USAGE HISTORY (usage is based on calendar year flows)				2018
	2015	2016	2017	AVERAGE	PROJECTED
Residential	18,499,575	17,700,286	16,705,648	17,635,170	17,300,000
Commercial A	3,666,700	3,860,417	4,260,826	3,929,314	3,930,000
Commercial B	2,055,087	2,037,888	2,164,706	2,085,894	2,085,000
Governmental	2,031,012	1,841,762	1,918,214	1,930,329	1,900,000
Industrial A	216,049	248,840	227,510	230,800	230,000
Industrial B	99,200	75,352	211,276	NA	128,000
OD Residential	36,695	43,496	35,878	38,690	36,900
OD Commercial A	325,208	290,791	309,654	308,551	308,000
OD Commercial B	313,484	431,178	458,557	401,073	430,000
	27,243,010	26,530,010	26,292,269	26,688,430	26,347,900

#### SEWER BILLING REVENUE for FY 2018

(usage based on Calendar year flows for 2017)

**\$12.06** per 100 cu ft

CLASSIFICATION	USAGE	FACTOR	REVENUE
Residential	16,705,648	85%	\$1,712,496
Commercial A	4,260,826	100%	\$513,856
Commercial B	2,164,706	145%	\$378,542
Governmental	1,918,214	100%	\$231,337
Industrial A	227,510	100%	\$27,438
Industrial B	211,276	100%	\$25,480
OD Residential	35,878	127.5%	\$5,517
OD Commercial A	309,654	150.0%	\$56,016
OD Commercial B	458,557	217.5%	\$120,282
	26,292,269		\$3,070,963

# FY2019 BUDGET REQUEST

## Wastewater Facility

### PROJECTED SEWER BILLING REVENUE for FY 2019

(usage based on Calendar year flows for 2018)

**\$12.43** per 100 cu ft

CLASSIFICATION	USAGE	FACTOR	REVENUE
Residential	17,300,000	85%	\$1,827,907
Commercial A	3,930,000	100%	\$488,519
Commercial B	2,085,000	145%	\$375,805
Governmental	1,900,000	100%	\$236,180
Industrial A*	230,000	100%	\$28,590
Industrial B	128,000	100%	\$15,911
OD Residential	36,900	127.5%	\$5,848
OD Commercial A	308,000	150.0%	\$57,429
OD Commercial B	430,000	217.5%	\$116,256
	26,347,900		\$ 3,152,446

**TOTAL REQUEST:**

**\$3,152,446**

#### 0000 - Industrial Permits

This account includes fees that are paid by the industrial users to facilitate the Town's Industrial Pretreatment Program.

**TOTAL REQUEST:**

**\$500**

#### 0000 - Connection Fees

This account includes fees that are paid by residents and businesses that connect to the Collection System. Presently the fees are \$100 for residential and \$200 for commercial. The following is the anticipated connections:

	Connections	Fee	Total
Residential Connections	30	\$ 100	\$ 3,000
Commercial Connections	5	\$ 200	\$ 1,000
			\$ 4,000

**TOTAL REQUEST:**

**\$4,000**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 0000 - Interest on Delinquent User Fees

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This account includes revenues interest on delinquent user fee accounts.

<b>TOTAL REQUEST:</b>	<b>\$20,000</b>
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### 0000 - Sewer Bond/ Misc.

This account includes revenues interest on delinquent sewer assessment accounts

<b>TOTAL REQUEST:</b>	<b>\$12,000</b>
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<b>Sewer Assessments</b>	<b>\$1,136,294</b>
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<b>REVENUE GRAND TOTAL</b>	<b>\$4,325,240</b>
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**TOWN OF EAST GREENWICH**  
**Wastewater Treatment Facility Budget**  
**Fiscal Year 2019**

**EXPENDITURES**

Account	Description	FY 2016 Actual	FY 2017 Actual	FY 2018 Adopted Budget	FY 2018 Expend.'s 8/1/2018	FY 2019 Requested Budget	Percent Increase
<b>20950511</b>	<b><u>Salaries</u></b>						
00002	Salaries - Staff	\$ 406,571	\$ 379,978	\$ 412,003	\$ 412,576	\$ 430,768	4.6%
00004	Longevity	\$ 14,644	\$ 14,623	\$ 16,253	\$ 16,148	\$ 17,010	4.7%
00008	Overtime	\$ 60,235	\$ 55,208	\$ 42,423	\$ 71,461	\$ 51,708	21.9%
	<b>Salaries Subtotal</b>	<b>\$ 481,450</b>	<b>\$ 449,809</b>	<b>\$ 470,679</b>	<b>\$ 500,185</b>	<b>\$ 499,485</b>	<b>6.1%</b>
<b>20950535</b>	<b><u>Operations</u></b>						
00057	Contract Services	\$ 48,337	\$ 134,822	\$ 32,000	\$ 95,747	\$ 85,000	165.6%
00059	Delta Dental	\$ 5,002	\$ 6,177	\$ 5,580	\$ 5,580	\$ 4,568	-18.1%
00065	Electricity	\$ 179,755	\$ 177,503	\$ 172,000	\$ 171,427	\$ 172,000	0.0%
00073	Equipment Maintenance	\$ 21,478	\$ 16,513	\$ 26,000	\$ 27,159	\$ 26,000	0.0%
00093	Health Insurance	\$ 73,983	\$ 92,266	\$ 99,716	\$ 99,716	\$ 84,431	-15.3%
00097	Lab and Safety	\$ 39,889	\$ 45,346	\$ 38,760	\$ 35,932	\$ 38,760	0.0%
00107	Life Insurance	\$ 306	\$ 606	\$ 606	\$ 606	\$ 606	0.0%
00123	Building Insurance	\$ 31,366	\$ 33,250	\$ 35,245	\$ 35,245	\$ 32,000	-9.2%
00133	Professional Services	\$ -	\$ 1,000	\$ 4,000	\$ 4,000	\$ 20,000	400.0%
00143	State Retirement	\$ 24,065	\$ 23,885	\$ 23,797	\$ 23,797	\$ 21,136	-11.2%
00150	Laborer's Retirement	\$ 2,950	\$ 3,000	\$ 3,000	\$ 3,000	\$ 4,368	45.6%
00155	FICA	\$ 32,260	\$ 32,839	\$ 33,712	\$ 33,712	\$ 35,227	4.5%
00171	Training/Conferences	\$ 160	\$ 243	\$ 300	\$ 270	\$ 300	0.0%
00177	Water	\$ 953	\$ 1,006	\$ 1,200	\$ 1,243	\$ 1,200	0.0%
00181	Workers Compensation	\$ 14,288	\$ 15,145	\$ 16,054	\$ 16,054	\$ 17,277	7.6%
00202	Auto Parts	\$ 2,415	\$ 861	\$ 2,500	\$ 5,473	\$ 2,500	0.0%
00210	Building Maintenance	\$ 5,286	\$ 2,740	\$ 4,000	\$ 10,702	\$ 5,300	32.5%
00214	Chemicals	\$ 50,170	\$ 78,886	\$ 89,740	\$ 60,655	\$ 77,990	-13.1%
00218	Clothing Maintenance	\$ 2,400	\$ 2,500	\$ 3,200	\$ 3,700	\$ 3,700	15.6%
00242	Heating Fuel	\$ 29,818	\$ 21,992	\$ 27,500	\$ 12,928	\$ 27,500	0.0%
00248	Janitorial Supplies	\$ 572	\$ 62	\$ 500	\$ 581	\$ 500	0.0%
00350	New Equipment	\$ 1,805	\$ 9,892	\$ 10,000	\$ 5,153	\$ 38,500	285.0%
00375	Postage	\$ 1,170	\$ 1,170	\$ 1,150	\$ 1,150	\$ 1,150	0.0%
00385	Telephone/ Communications	\$ 3,954	\$ 6,839	\$ 8,460	\$ 3,094	\$ 8,460	0.0%
00937	Billing and Collection	\$ 15,181	\$ 15,468	\$ 15,770	\$ 13,000	\$ 49,290	212.6%
00938	Tipping Fees	\$ 145,958	\$ 199,123	\$ 198,464	\$ 217,703	\$ 237,119	19.5%
00940	Materials and Supplies	\$ 17,520	\$ 29,373	\$ 25,000	\$ 24,612	\$ 25,000	0.0%
	<b>Operations Subtotal</b>	<b>\$ 751,041</b>	<b>\$ 952,507</b>	<b>\$ 878,254</b>	<b>\$ 912,239</b>	<b>\$ 1,019,883</b>	<b>16.1%</b>
<b>00943</b>	<b>Capital Outlay</b>	<b>\$ 31,852</b>	<b>\$ 37,452</b>	<b>\$ 148,000</b>	<b>\$ 112,573</b>	<b>\$ 124,000</b>	<b>-16.2%</b>
	<b><u>Debt Service</u></b>						
	<b>Debt Service Subtotal</b>	<b>\$ 2,484,272</b>	<b>\$ 158,369</b>	<b>\$ 2,746,893</b>	<b>\$ 2,746,893</b>	<b>\$ 2,681,872</b>	<b>-2.4%</b>



**TOWN OF EAST GREENWICH**  
**Wastewater Treatment Facility Budget**  
**Fiscal Year 2019**

**Grand Totals**

<b>Salaries Total</b>	\$	481,450	\$	449,809	\$	470,679	\$	500,185	\$	499,485	6.1%
<b>Operations Total</b>	\$	751,041	\$	952,507	\$	878,254	\$	912,239	\$	1,019,883	16.1%
<b>Capital Outlay</b>	\$	31,852	\$	37,452	\$	148,000	\$	112,573	\$	124,000	-16.2%
<b>Debt Service Total</b>	\$	2,484,272	\$	158,369	\$	2,746,893	\$	2,746,893	\$	2,681,872	-2.4%
<b>Grand Total Department</b>	\$	3,748,615	\$	1,598,137	\$	4,243,826	\$	4,271,890	\$	4,325,240	1.9%

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 20950511-Salaries

#### 00002 - Salaries - Staff

*Currently the wastewater facility is staffed by six full time employees. Proposed budget reflects a pay increases of 2% for FY 2019. To appropriately reflect all employees directly and indirectly that are involved with the operations of the sewer department, portions of the Town Manager's , Finance Diredctor, IT Director and the Public Works Director's salaries have been added to this account.*

Wastewater Staffing	Quantity	Base Salary	Total
Town Manager	100%	\$ 12,000.0	\$ 12,000.00
Finance Director	100%	\$ 9,000.00	\$ 9,000.00
Public Works Director	100%	\$ 9,000.00	\$ 9,000.00
IT Director	100%	\$ 9,000.00	\$ 9,000.00
Superintendent	100%	\$ 92,394.24	\$ 92,394.24
Assistant Superintendent	100%	\$ 62,524.80	\$ 62,524.80
Forman	100%	\$ 55,498.47	\$ 55,498.47
Plant Operator II	100%	\$ 55,498.47	\$ 55,498.47
Plant Operater	100%	\$ 49,351.98	\$ 49,351.98
Sewer Consrnt Mgr	100%	\$ 76,500.00	<u>\$ 76,500.00</u>
			\$ 430,767.94

**TOTAL REQUEST:**

**\$430,768**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 0004 -Longevity

*In accordance with union contracts, monies from this account are used to pay employees various amounts of money depending on years of service.*

#### Percent of Base Salary

<u>Years of Service</u>	<u>NEA</u>	<u>Laborer's</u>
		<u>International</u>
3-5	2.0%	3.0%
6-10	3.0%	4.0%
11-15	3.5%	4.5%
16-20	4.0%	5.0%
21-25	4.5%	5.5%
26+	5.0%	6.0%

*Longevity pay is disbursed on the first pay period of December.*

<u>Name</u>	<u>Starting Date</u>	<u>Longevity</u>	<u>Years of Service (years)</u>	<u>Longevity Percent</u>	<u>Proposed</u>	<u>Longevity Pay</u>
		<u>Pay Date 12/1/2018</u>			<u>Base Salary</u>	
O'Neil S.	04/15/91	12/01/18	27.63	5.0%	\$92,394.24	\$ 4,619.71
Perrotta D.	09/22/03	12/01/18	15.19	3.5%	\$62,524.80	\$ 2,188.37
Meurnier D.	03/06/00	12/01/18	18.74	4.0%	\$55,498.47	\$ 2,774.92
Savastano F.	09/11/00	12/01/18	18.22	5.0%	\$55,498.47	\$ 2,774.92
Jennings T.	02/04/11	12/01/18	7.83	5.0%	\$49,351.98	\$ 1,974.08
Bamberry, I	01/29/07	12/01/18	11.84	3.5%	\$76,500.00	\$ 2,677.50
						\$ 17,009.51

**Total Requested**

**\$17,010**

### 00008 - Overtime

**TOTAL REQUEST:**

**\$51,708**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 20950535-Operations

#### 00057 - Contract Services

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*This account is utilized for many different types of services including technical services to repair, calibrate and troubleshoot the complex instrumentation and advanced computer-controlled, electrical system at the wastewater facility. Additionally, this account covers expenses incurred with troubleshooting the UV disinfection unit. The facility has 6 programmable controller panels, a large assortment of meters, digital controls, various equipment motor controls, etc. It is imperative to maintain this equipment to assure the quality of the treated effluent. Additionally, emergency service calls for various equipment are included in this amount along with collection system repairs.*

Treatment Plant repairs	\$	45,000
Collection System repairs		
Manhole repairs	\$	20,000
Sewer mains/ laterals repairs	\$	20,000
Total	\$	85,000

**TOTAL REQUEST: \$85,000**

#### 00059 - Delta Dental

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**TOTAL REQUEST: \$ 4,568**

#### 00065 -Electricity

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This account provides funding for all electrical equipment at the treatment facility.

**TOTAL REQUEST: \$172,000**

#### 00073 -Equipment Maintenance

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The wastewater facility is equipped with many complicated features which require routine preventive maintenance. To insure that the mechanical integrity of the facility is preserved for the total design life of twenty years, it is necessary to increase, as needed, the values within this account every year in the future. Electrical equipment (PLC parts, digital controls, motor controls, etc.) has been especially vulnerable to failure. It is difficult to predict what will happen next.

**TOTAL REQUEST: \$26,000**

#### 00093 - Health Insurance

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**TOTAL REQUEST: \$73,431**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00097 - Lab and Safety

This account is used to cover the cost of elements that need to be tested from the waste water as specified by RIDEM.

#### ORGANIC SAMPLING-Wastewater Facility

<i>Analyte</i>	<i>Cost</i>	<i>Amount</i>	<i>Total</i>
BOD	\$ 13.00	416	\$ 5,408.00
CBOD	\$ 13.00	52	\$ 676.00
TSS	\$ 7.00	416	\$ 2,912.00
Fecal	\$ 11.00	156	\$ 1,716.00
Entero	\$ 25.00	156	\$ 3,900.00
Nitrite	\$ 5.00	52	\$ 260.00
Nitrate	\$ 5.00	52	\$ 260.00
TKN	\$ 12.00	208	\$ 2,496.00
Amonia	\$ 10.00	208	\$ 2,080.00
Oil & Grease	\$ 25.00	23	\$ 575.00
<i>sub-total</i>			\$ 20,283

#### OTHER SAMPLING-Wastewater Facility

<i>Analyte</i>	<i>Cost</i>	<i>Amount</i>	<i>Total</i>
Bioassay	\$ 1,790.00	3	\$ 5,370.00
Bioassay	\$ 1,550.00	1	\$ 1,550.00
Sludge (quarterly)	\$ 250.00	4	\$ 1,000.00
Sludge (annually)	\$ 1,000.00	1	\$ 1,000.00
Local Limits	\$ 751.00	7	\$ 5,257.00
	\$ -	0	\$ -
<i>sub-total</i>			\$ 14,177.00

#### LAB SUPPLIES

<i>Product</i>	<i>Total</i>
Ph Buffers	\$ 600.00
Deionized water'kits	\$ 600.00
Ph Probe	\$ 300.00
Chem wipes	\$ 200.00
Sludge Tins	\$ 100.00
Misc.	\$ 2,000.00
Annual Calibration	\$ 500.00
	\$ 4,300.00

**TOTAL REQUEST:**

**\$ 38,760**

### 00107 - Life Insurance

Currently, 6 full-time employees are assigned to the Sewer Department. Three employees are members of NEARI; three employees are members of the Laborer's International.

**TOTAL REQUEST:**

**\$606**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00123 - Building Insurance

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Monies from this account are spent insuring the wastewater facility against essentially all types of damage including but not limited to fire, smoke, earthquake, vandalism, etc. Also, includes boiler/mechanical insurance.

**TOTAL REQUEST: \$32,000**

### 00133 - Professional Services

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This account will cover various professional services necessary to operate the treatment plant. As part of the new RIPEDS (discharge) permit, the town is required to create a plan to determine the vulnerability of the treatment plant and the collection system with regard to the future rising water levels of Greenwich Cove.

Various Engineering Services	\$ 4,000
Resiliency Plan	\$ 16,000
Total	\$ 20,000

**TOTAL REQUEST: \$20,000**

### 00052 - State Retirement

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**TOTAL REQUEST: \$21,136**

### 00150 - Laborer's Retirement

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The Town will need to contribute funds toward the Laborer's Union retirement Fund for this Fiscal Year.

**TOTAL REQUEST: \$4,368**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00155 - FICA

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<i>Total Salaries (plus OT and Longevity)</i>	<i>FICA factor</i>	<i>FICA Cost</i>
\$460,485	7.65%	\$ 35,227

TOTAL REQUEST: \$35,227

### 00171 - Training and Conferences

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#### Training and Conferences

This account is utilized by the staff of the facility for training sessions as well as meetings of professional organizations such as the Narragansett Water Pollution Control Association, New England Interstate Environmental Training Center and Water Pollution Control Federation. Monies from this account are also used for membership dues of the above mentioned associations.

TOTAL REQUEST: \$300

### 00177 - Water

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Water usage from KCWA.

TOTAL REQUEST: \$1,200

### 00181 - Workers Compensation

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TOTAL REQUEST: \$17,277

### 00202 - Auto Parts

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TOTAL REQUEST: \$2,500

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00210 - Building Maintenance

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Building maintenance costs are for the following: grounds upkeep, fertilizer, lime, lawn mower equipment, paint, window maintenance equipment, etc.

**TOTAL REQUEST: \$5,300**

### 00214 - Chemicals

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This account is utilized for the purchase of chemicals necessary to treat the wastewater at the treatment facility. Hypochlorite is used for odor control and backup disinfection purposes. Methanol and Magnesium Hydroxide are used in the denitrification process. The coagulant is used in the secondary treatment process.

The wastewater facility consumes the following amounts of chemical:

Chemical	Cost	Amount/Day	# of Days	Total
Coagulant	5.80 /gal	45 gals/day	75	\$ 19,575.00
Hypochlorite	1.20 /gal	17 gals/day	365	\$ 7,446.00
Methanol	1.55 /gal	45 gals/day	210	\$ 14,647.50
Magnesium Hydroxide	\$3.65 /gal	10 gals/day	155	\$ 5,657.50
Magnesium Hydroxide	\$3.65 /gal	40 gals/day	210	\$ 30,660.00
<b>Total</b>				<b>\$ 77,986.00</b>

**TOTAL REQUEST: \$77,990**

### 00218 - Clothing Maintenance

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This account covers the expense of obtaining work clothing and shoes. Presently, each employee in the Laborer's Union is paid \$850 annually for such purchases and the NEARI employees are paid \$350 annually. This account also includes shop rags, safety clothing

**TOTAL REQUEST: \$3,700**



## FY2019 BUDGET REQUEST

### Wastewater Facility

#### 00242 - Heating Fuel

This account is utilized for heating of the operations building and Water Street pumping station and also fuel for the emergency generator.

**TOTAL REQUEST: \$27,500**

#### 00248 - Janitorial Supplies

Purchases made from this account are for small items necessary for the upkeep of the wastewater facility. Items purchased include but are not limited to mops, brooms, paper towels, cleaning fluids, etc.

**TOTAL REQUEST: \$500**

#### ACCOUNT NAME: 00350 - New Equipment

The wastewater facility uses this account to replace various small equipment throughout the plant. This includes small pumps, valves and controls. This is also including the purchase of grinder pumps to be installed throughout the collection system as part of the sewer expansion program that was completed in 2010. Additionally, KCWA is requiring

Treatment Plant genaral equipment	\$	7,500
Grinder Pumps	\$	16,000
Backflow valves	\$	15,000
Total	\$	38,500

**TOTAL REQUEST: \$38,500**

#### 00375 - Postage

This account is utilized to mail the annual sewer use bills as well as all mail

<b>Sewer Bills Stamp Cost</b>	<b>Total Cost</b>
2284 \$ 0.490	\$ 1,119.16
General Correspondence	\$ 30.00
<b>Total</b>	<b>\$ 1,149.16</b>

**TOTAL REQUEST: \$1,150**

## Wastewater Facility

**TOTAL REQUEST: \$8,460**

**TOTAL REQUEST: \$49,290**

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00938 - Tipping Fees

This account covers the cost of sludge disposal.

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Average trips per week	6.0
Average tons per trip	1.0

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#### Disposal Cost

<u>Month</u>	<u>Dry Tons</u>	<u>Cost Per Ton</u>	<u>Total Cost</u>
July 2018 to March 2019	237	\$ 451.81	\$ 107,078.97
April 2019 to June 2019	77	\$ 467.62	\$ 36,006.74
	314		\$ 143,085.71

#### Transportation Cost

<u>Month</u>	<u>Loads</u>	<u>Cost Per Load</u>	<u>Total Cost</u>
July 2018 to March 2019	237	\$ 296.92	\$ 70,370.04
April 2019 to June 2019	77	\$ 307.32	\$ 23,663.64
	314		\$ 94,033.68

TOTAL REQUEST: \$237,119

### 00940 - Materials and Supplies

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This account is utilized for the purchase of machinery parts, hoses, and office supplies, etc. Equipment is aging and increasing parts replacement may become necessary. Additionally, all parts for the UV disinfection unit are from this account. It should be noted that purchases made from this account enable in-house personnel to conduct tasks, which would normally be contracted out.

TOTAL REQUEST: \$25,000

# FY2019 BUDGET REQUEST

## Wastewater Facility

### 00943 - Capital Outlay

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The capital requirement is as follows:

	<u>Qty</u>	<u>Each</u>	<u>Total</u>	
Pump Station Spear Pump	2	\$ 12,000	\$ 24,000	
Chlorine pumps and pipe	1	\$ 25,000	\$ 25,000	
Pickup (SR-4)	1	\$ 75,000	\$ 75,000	
			\$124,000.00	
			<b>TOTAL REQUEST:</b>	<b>\$124,000</b>

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### 0000 - Debt Service

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This account covers debt service issued under the RI Infrastructure Bank for the Sewer Expansion Program and the upgrade of the sewer plant. The following number reflects principal, interest and associated fees.

**TOTAL REQUEST: \$2,681,872**

**EXPENDITURE GRAND TOTAL**

**\$4,325,240**