

**EAST LYME WATER & SEWER COMMISSION  
REGULAR MEETING  
TUESDAY, FEBRUARY 28, 2023  
MINUTES**

The East Lyme Water & Sewer Commission held a Regular Meeting on Tuesday, February 28, 2023. Chairman Seery called the Regular Meeting to order at 7 PM.

**PRESENT:** Kevin Seery, Chairman, Dave Bond, Steve DiGiovanna, Dave Murphy, Carol Russell, Roger Spencer

**ALSO PRESENT:** Joe Bragaw, Public Works Director  
Kevin Gervais, Finance Director  
Ben North, Municipal Utility Engineer  
Anne Santoro, Deputy First Selectman

**ABSENT:** Dave Zoller

RECEIVED FOR RECORD  
EAST LYME, CT  
2023 MAR - 1 A 10: 10  
TOWN CLERK

**1. Call to Order / Pledge of Allegiance**

Chairman Seery called the Regular Meeting of the East Lyme Water & Sewer Commission to order at 7:00 PM and led the assembly in the Pledge.

**2. Approval of Minutes**

▪ **Regular Meeting Minutes – November 15, 2022**

Mr. Seery called for a motion or any discussion on the Regular Meeting Minutes of January 24, 2023.

Ms Russell submitted her own amendment to her dialogue under Item #6.

Mr. Seery said that minutes are not transcripts.

**\*\*MOTION (1)**

Mr. DiGiovanna moved to approve the Regular Meeting Minutes of January 24, 2023 as presented; also allowing attachment of Ms. Russell's submittal.

Mr. Murphy seconded the motion.

Vote: 6 – 0 - 0. Motion passed.

**3. Delegations**

Mr. Seery called for delegations.

There were none.

**4. Billing Adjustments/Disputes**

There were none.

**5. Approval of Bills**

Mr. Seery called for a motion on the Niantic Pump Station LIMWA Analysis bills:

**\*\*MOTION (2)**

Mr. DiGiovanna moved to approve the following Niantic Pump Station LIMWA Analysis bills:

Race Coastal Engineering #2202-0963 in the amount of \$1725.00 and Race Coastal Engineering #2202-1017 in the amount of \$1365.00.

Mr. Spencer seconded the motion.

Vote: 6 – 0 – 0. Motion passed

## **6. Finance Director Report**

Mr. Gervais reviewed his report with the Commission. (Attached to Minutes)

Mr. Seery asked Mr. North if he has seen any stabilization with the chemical costs.

Mr. North said yes, there has been some.

Mr. Bragaw added that on the water side that the chemicals come from only one source.

Mr. DiGiovanna asked what 'benefit charges' are.

Mr. North said that they are similar to the sewer charges but instead with regard to water – they are from the 1970's when they were charged with a very large development.

Mr. Seery asked if interest is compounded on that.

Mr. North said no.

## **7. Discussion on Water & Sewer Budgets**

Mr. Bragaw explained that they would get into detail on all of this at their March meeting. He said that he was looking for a debt reserve on the water side as they do not have one. He will provide revenues at the next meeting and noted that New London was looking at a 15% increase and that he thought that the days of our 8% increases were over. He said that the goal is to approve the budget in April so that it will be ready for the budget process and Annual Budget meeting.

Mr. North said that the capital projects list would increase as there is a lot of work that needs to be done such as the booster pump stations that need work.

Mr. Bragaw and Mr. Seery asked that they review the information provided and email any questions that they have so that they can have the answers for the March meeting.

## **8. Project Updates**

### **▪ Meter Replacement Project**

Mr. Bragaw and Mr. North said that this is going well – 4600 meters or 66% have been installed and by the next read they expect that it will be at 85% done.

### **▪ Boston Post Road Tank Rehabilitation Project.**

Mr. North said that they have started draining the tank this week and that it is being worked on now.

Mr. Seery asked if they would notice anything with the tank drained regarding pressure changes.

Mr. North said no.

## **9. Correspondence Log**

There were no comments.

## **10. Chairman's Report**

Mr. Seery reported on the following:

- Tomorrow evening the Board of Selectmen would be adopting the Town Budget to send to the Board of Finance. He said that they would be adjusting it downward. The Board of Ed adopted budget increase is at 8.8% which on its own would equate to a 1.75 mil increase.
- This Thursday evening there is a Water & Sewer Capacity Public Hearing for a proposed Niantic Village. The PH is strictly on capacity and NO decision will be made that evening.
- On March 9<sup>th</sup> there is a meeting on Rte. 161 Exit 74 regarding \$2M in the budget just for traffic control. The project starts at the High School and would extend to Rte 156. When they reach Gorton Pond it would look like a boardwalk type of sidewalk would extend over the pond.

Mr. Bond asked if the State has the money to do the sidewalk improvements.

Mr. Seery said yes. He added that the Rte 161 Corridor update would probably be held in the late spring.

Mr. DiGiovanna asked if they have used up all of the ARPA funds.

Mr. Seery said no.

Ms. Santoro iterated that all of the ARPA dollars were appropriated except for \$5000. She added that some of the appropriations had some dollars left which once worked out, could be re-appropriated. She said that all of the ARPA funds have to be totally spent by 2026.

#### **11. Staff Updates**

##### **a. Water Department Monthly Report**

Mr. North said that this shows a 25% reduction as they had the leak detection performed. They are also sending water to New London and should be full in a few weeks.

##### **b. Sewer Department Monthly Report**

Mr. North said that the most recent sewer nos. are up even though they are seeing the prison numbers are consistently lower.

Ms. Russell said that when she went back to 2016 that we were down however our more current numbers are up.

Mr. Murphy asked if the numbers include the ticket holders.

Mr. Bragaw and Mr. North said no.

Mr. North said that they are looking to make things as easily understandable as possible.

Mr. Bond asked about what happens when we exceed our capacity.

Mr. North said that he has no idea at this time.

Mr. DiGiovanna asked about Waterford and New London being below their capacity.

Mr. Seery said that perhaps that could be something for discussion at a future point in time.

Mr. North noted that the New London plant is at approximately 7.7M for the tri-towns out of a 10M total.

#### **12. Future Agenda Items**

##### **a. Homeowner Water Line Leak Insurance**

Mr. Bond noted that solicitations are being sent by some outside companies.

##### **b. Irrigation Sub-metering Policy**

Mr. Seery said that both of these items could better be discussed once they get through the budget process.

#### **13. ADJOURNMENT**

Mr. Seery called for a motion to adjourn.

##### **\*\*MOTION (3)**

Mr. DiGiovanna moved to adjourn this Regular Meeting of the East Lyme Water & Sewer Commission at 7:46 PM.

Mr. Murphy seconded the motion.

Vote: 6 – 0 – 0. Motion passed.

Respectfully submitted,

Karen Zmitruk,  
Recording Secretary

February 28, 2023

To: East Lyme Water & Sewer Commission

Fr: Carol Russell

Re: Correction to Meeting Minutes for January 24, 2023

The comments attributed to me on Page 3 under Item #6, the capacity allocation request discussion for Niantic Village at Dodge Pond, should be amended as follows:

Ms. Russell expressed concern that when the five-year estimated average monthly remaining capacity data provided to the Commission is adjusted for projects already pending or under construction, that the current capacity request, if granted, would seriously deplete the reserve to address other capacity needs for the whole town. She further commented that the average monthly remaining flow for each of the two most recent years is substantially lower than the five-year monthly average presented to the Commission. She questioned if a capacity analysis based on the flow data for 2021 and 2022 would better reflect the cumulative impact on sewer flow from East Lyme's significant building boom when projecting available capacity for new projects.

(No tape to verify)

Submitted by C. Russell 3/28/23

**Town of East Lyme  
Water & Sewer Operations  
February 2023 Budget Highlights**

Description	2/28/2023	2/28/2022	2/28/2021	FY23 over FY22 Increase (Decrease)
<b>WATER</b>				
Total Revenues	2,135,533	1,955,856	2,031,970	179,677
Prison Billing (month only)	18,865	17,453	26,410	1,412
- Delinquent Interest	16,434	7,322	9,364	9,112
- Benefit Charges <i>monitor</i>	18,800	46,800	36,550	(28,000)
Assessment Charges	-	3,300	7,623	(3,300)
Connection Charges	16,929	22,000	14,000	(5,071)
Misc/Turn On-Off Fees	4,671	10,280	7,690	(5,609)
Lease Rental	35,303	35,003	44,443	300
Private Hydrant Fees	41,525	37,750	30,375	3,775
Town Fire Hydrant	57,365	52,150	47,408	5,215
<b>Total Expenditures</b>	<b>2,595,527</b>	<b>1,814,417</b>	<b>1,836,654</b>	<b>781,110</b>
<b>SEWER</b>				
Total Revenues	1,395,499	1,280,330	1,237,476	115,169
- Prison Billing (month only)	35,127	35,098	30,857	29
<b>Total Expenditures</b>	<b>1,154,738</b>	<b>1,130,583</b>	<b>1,234,395</b>	<b>24,155</b>
Treatment Plant/System	405,422	412,568	436,991	(7,146)
Utilities	86,110	100,954	92,566	(14,844)
Chemicals <i>up 33% from last yr.</i>	99,073	61,300	74,280	37,773

[https://eltownhall-my.sharepoint.com/personal/kgervais\\_eltownhall\\_com/Documents/Town of East Lyme File Tree/1000 - Organizational Documents/102 Water and Sewer Commission](https://eltownhall-my.sharepoint.com/personal/kgervais_eltownhall_com/Documents/Town%20of%20East%20Lyme%20File%20Tree/1000%20-%20Organizational%20Documents/102%20Water%20and%20Sewer%20Commissioner)

Finance Report - WWS 2/28/23 2 pgs.

Town of East Lyme  
 Water and Sewer Commission  
 Meeting: February 28th, 2023  
 Monthly Revenues Worksheet

Sewer Revenue Budget \$ 2,479,498 \$ 1,324,360 53.41%

Sewer Department Revenue

Account No	Description	Total	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
06-01-100-600	METERED SEWER SERVICE	\$ 256,211	\$ 29,904	\$ 29,858	\$ 31,440	\$ 33,768	\$ 33,768	\$ 29,435	\$ 32,912	\$ 35,127
06-01-100-610	METERED(WATER)SEWER SERVICE	\$ 1,125,150	\$ -	\$ -	\$ -	\$ -	\$ 1,125,150	\$ -	\$ -	\$ -
06-01-100-621	DELINQUENT INTEREST(W)	\$ 8,403	\$ 800	\$ 324	\$ 251	\$ 2,035	\$ 1,458	\$ 1,723	\$ 1,812	\$ -
06-05-100-042	MISC ADM FEE	\$ 80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80
06-05-100-044	Maintenance Fees	\$ 5,031	\$ 608	\$ 608	\$ 608	\$ 608	\$ 906	\$ 983	\$ 708	\$ -
06-05-100-550	PERMITS	\$ 125	\$ 125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
06-08-800-809	MISCELLANEOUS	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -
<b>Total Sewer Department Revenue</b>		<b>\$ 1,395,499</b>	<b>\$ 31,438</b>	<b>\$ 30,790</b>	<b>\$ 32,299</b>	<b>\$ 36,411</b>	<b>\$ 1,161,281</b>	<b>\$ 32,141</b>	<b>\$ 35,931</b>	<b>\$ 35,207</b>

Water Revenue Budget \$ 4,113,081 \$ 1,979,589 48.13%

Water Department Revenue

Account No	Description	Total	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
07-01-100-400	METERED WATER SERVICE	\$ 1,944,506	\$ 17,622	\$ 19,857	\$ 21,577	\$ 20,195	\$ 1,806,839	\$ 20,577	\$ 18,976	\$ 18,865
07-01-100-404	DELQ INT-WATER SERVICE	\$ 16,434	\$ 641	\$ 574	\$ 241	\$ 3,996	\$ 2,856	\$ 2,425	\$ 2,915	\$ 2,785
07-02-200-401	BENEFIT CHARGES	\$ 18,800	\$ 4,250	\$ -	\$ 1,150	\$ 3,600	\$ 3,500	\$ 4,700	\$ 750	\$ 850
07-02-200-405	CONNECTION CHARGES	\$ 16,929	\$ -	\$ -	\$ 7,000	\$ 3,500	\$ -	\$ -	\$ 6,429	\$ -
07-05-100-462	PRIVATE HYDRANT FEES	\$ 41,525	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,525	\$ -
07-05-100-463	TOWN FIRE HYDRANT PROTECTION	\$ 57,365	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,365	\$ -
07-05-100-471	MISC/TURN OFF-ON/ADM FEES	\$ 4,671	\$ 793	\$ 465	\$ 629	\$ 1,092	\$ 749	\$ 504	\$ 250	\$ 190
07-08-800-472	LEASE/RENTAL	\$ 35,303	\$ 1,749	\$ -	\$ 13,381	\$ -	\$ -	\$ 15,130	\$ 5,043	\$ -
<b>Total Water Department Revenue</b>		<b>\$ 2,135,533</b>	<b>\$ 25,054</b>	<b>\$ 20,895</b>	<b>\$ 43,977</b>	<b>\$ 32,383</b>	<b>\$ 1,813,944</b>	<b>\$ 43,335</b>	<b>\$ 133,253</b>	<b>\$ 22,690</b>

Grand Total \$ 3,531,032 \$ 56,492 \$ 51,686 \$ 76,277 \$ 68,794 \$ 2,975,225 \$ 75,476 \$ 169,185 \$ 57,897

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 please  
 report  
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**TOWN OF EAST LYME SEWER DEPT**

**FY 22-23 CURRENT OPERATING BUDGET - PROPOSED FY 23-24 BUDGET**



	Acct #	Adptd Budget FY 22-23	YTD 02/22/23	Proj EOY FY 22-23	Var. from Budget	Prop Budget FY 23-24	Diff		Comment
							Amt	%	
FICA/Medicare	114-100-121	\$ 42,500	\$ 27,139.03	\$ 42,765	\$ 264.53	\$ 44,900	\$ 2,400	5.6%	
Vehicle - lease Payment	200-100-006	\$ 28,558	\$ 18,156.65	\$ 28,558	\$ (0.04)	\$ 18,856	\$ (9,702)	-34.0%	No new vehicles requested
Salaries/Wages	300-100-101	\$ 306,900	\$ 197,893.15	\$ 309,202	\$ 2,302.41	\$ 320,300	\$ 13,400	4.4%	
Field OT	300-100-102	\$ 58,300	\$ 30,686.09	\$ 55,354	\$ (2,946.16)	\$ 59,000	\$ 700	1.2%	
<b>SUBTOTAL</b>		\$ 365,200	\$ 228,579.24	\$ 364,556	\$ (643.75)	\$ 379,300	\$ 14,100	3.9%	
Personnel Benefits	300-100-122	\$ 151,600	\$ 1,776.32	\$ 152,519	\$ 919.00	\$ 154,600	\$ 3,000	2.0%	
Treatment Plnt & Sys Fee	300-610-210	\$ 955,200	\$ 405,422.49	\$ 955,200	\$ -	\$ 995,200	\$ 40,000	4.2%	
Maint. of Pump St Equip	300-610-215	\$ 80,000	\$ 23,457.18	\$ 80,000	\$ -	\$ 80,000	\$ -	0.0%	
Maint of Wet Wells	300-610-217	\$ 55,000	\$ 47,035.38	\$ 55,000	\$ -	\$ 65,000	\$ 10,000	18.2%	keep up with current trend
Maint of System	300-610-220	\$ 11,000	\$ 8,527.90	\$ 11,000	\$ -	\$ 12,000	\$ 1,000	9.1%	
I/I Improvements	300-610-221	\$ 1,000	\$ -	\$ 1,000	\$ -	\$ 1,000	\$ -	0.0%	
Materials & Supplies	300-610-225	\$ 10,500	\$ 4,052.18	\$ 10,500	\$ -	\$ 11,000	\$ 500	4.8%	
Utilities	300-610-230	\$ 162,000	\$ 71,706.25	\$ 162,000	\$ -	\$ 165,000	\$ 3,000	1.9%	
Telephones	300-610-231	\$ 5,900	\$ 1,536.71	\$ 5,900	\$ -	\$ 5,900	\$ -	0.0%	
Fuel Oil & Gas	300-610-235	\$ 28,800	\$ 14,153.58	\$ 28,800	\$ -	\$ 29,800	\$ 1,000	3.5%	
Chemicals	300-610-240	\$ 124,400	\$ 90,215.26	\$ 124,400	\$ -	\$ 140,000	\$ 15,600	12.5%	large increases in chemicals
O&M Exp	300-610-250	\$ 15,140	\$ 5,361.58	\$ 15,140	\$ -	\$ 16,140	\$ 1,000	6.6%	
Maint of Vehicles	300-610-260	\$ 8,500	\$ 7,646.49	\$ 8,500	\$ -	\$ 8,500	\$ -	0.0%	
Salaries/Wages	400-100-101	\$ 189,600	\$ 129,179.24	\$ 190,233	\$ 633.17	\$ 206,600	\$ 17,000	9.0%	portion of Asst Util Eng Sal
Legal & Accounting	400-200-140	\$ 20,300	\$ 4,378.00	\$ 20,300	\$ -	\$ 20,300	\$ -	0.0%	
Outside Services	400-200-210	\$ 21,600	\$ 14,025.32	\$ 21,600	\$ -	\$ 21,600	\$ -	0.0%	
Insurance PDL	400-200-290	\$ 38,800	\$ 582.00	\$ 38,800	\$ -	\$ 39,964	\$ 1,164	3.0%	3%
Training	400-300-243	\$ 1,200	\$ 300.00	\$ 1,200	\$ -	\$ 3,000	\$ 1,800	150.0%	rename prof development
Supplies & Misc	400-300-320	\$ 2,200	\$ 289.95	\$ 2,200	\$ -	\$ 2,200	\$ -	0.0%	
Meter Usage Payment	500-500-330	\$ 80,500	\$ -	\$ 80,500	\$ -	\$ 80,500	\$ -	0.0%	pay water for meters
Capital Projects						\$ 100,000			new line item
Contingency	600-600-400	\$ 50,000	\$ 7,499.82	\$ 50,000	\$ -	\$ 50,000	\$ -	0.0%	
O <sub>2</sub> Transfer Out	800-800-801	\$ 30,000	\$ -	\$ 30,000	\$ -	\$ 50,000	\$ 20,000	66.7%	larger payback
<b>SUBTOTAL</b>		\$ 2,043,240	\$ 837,145.65	\$ 2,044,792	\$ 1,552.17	\$ 2,258,304	\$ 215,064	10.5%	
		\$ 2,479,498	\$ 1,111,020.57	\$ 2,480,671	\$ 1,172.91	\$ 2,701,360	\$ 221,862	8.9%	

Updated on 2/28/2023

Attachment *WES* Budget *disc.* *WES Mtg.* 2/28/23

File: Sewer budget - prop fy 23024 - 2-28-23, 22-23 exp

# TOWN OF EAST LYME WATER DEPT



## BUDGETS - FY 22-23 CURRENT, FY 23-24 PROPOSED

Account Description	Acct #	Adptd Bdgt FY 22-23	Proj EOY FY 22-23	COMMENTS	Prop Bdgt FY 23-24	Difference	
						Amt	%
FICA/Medicare	114-100-121	\$ 88,548	\$ 83,914	less meter installers, 7.65% all salary	\$ 84,600	\$ (3,948)	-4.46%
Bonds/Principal	300-200-201	\$ 765,127	\$ 765,127	\$137k of debt reserve, \$564,083	\$ 693,083	\$ (72,044)	-9.42%
Meter Rep Project	300-200-202	\$ 105,000	\$ 122,350	loan payment plus \$15k	\$ 110,000	\$ 5,000	4.76%
New Services	300-340-345	\$ 8,000	\$ 8,000		\$ 8,300	\$ 300	3.75%
New Meters	300-340-346	\$ 2,500	\$ 2,500	need funds for misc meters	\$ 5,000	\$ 2,500	100.00%
Tools/Equip/Field Supplies	300-390-394	\$ 9,000	\$ 11,000		\$ 10,000	\$ 1,000	11.11%
<b>Communications Equip</b>	300-390-397	\$ 8,500	\$ 8,500		\$ 8,600	\$ 100	1.18%
Bonds Interest	300-400-427	\$ 254,449	\$ 254,449	per debt schedule	\$ 113,605	\$ (140,844)	-55.35%
Operating Transfers Out	300-500-520	\$ 67,329	\$ 67,329		\$ 69,400	\$ 2,071	3.08%
Payment to SAF	300-500-521	\$ 35,000	\$ 35,000		\$ 35,000	\$ -	0.00%
Maintenance of Wells	300-610-614	\$ 84,300	\$ 84,300		\$ 90,000	\$ 5,700	6.76%
<b>Fuels</b>	300-620-622	\$ 38,900	\$ 43,900	increase in fuel usage, higher costs	\$ 44,100	\$ 5,200	13.37%
<b>Power</b>	300-620-623	\$ 310,000	\$ 310,000		\$ 320,000	\$ 10,000	3.23%
Maint. Of Pumping Sta.	300-630-631	\$ 40,000	\$ 40,000		\$ 41,600	\$ 1,600	4.00%
Chemicals	300-640-641	\$ 293,000	\$ 430,000	large increases in cost	\$ 447,200	\$ 154,200	52.63%
<b>Misc Maps &amp; Records</b>	300-660-665	\$ 2,900	\$ 2,900		\$ 2,900	\$ -	0.00%
<b>Safety Equip &amp; Training</b>	300-660-666	\$ 17,500	\$ 17,500		\$ 18,200	\$ 700	4.00%
<b>Maint of O&amp;M</b>	300-670-671	\$ 15,140	\$ 15,140	increased costs	\$ 16,140	\$ 1,000	6.61%
Maint of Trans. & Dist	300-670-673	\$ 58,000	\$ 123,000	keep up w;/ current spending	\$ 80,000	\$ 22,000	37.93%
Maint of Hydrants	300-670-677	\$ 2,000	\$ 2,000		\$ 2,000	\$ -	0.00%
<b>Customer Records &amp; coll</b>	300-900-903	\$ 46,000	\$ 46,000		\$ 46,000	\$ -	0.00%
Admin Asst(s) Salary	300-920-201	\$ 71,600	\$ 69,927		\$ 73,400	\$ 1,800	2.51%
PW & Fin Dir, Util Eng	300-920-202	\$ 231,800	\$ 229,233	put 35% of AUE to Sewer	\$ 230,600	\$ (1,200)	-0.52%
Field Per Salaries - Reg	300-920-204	\$ 597,500	\$ 631,177		\$ 641,900	\$ 44,400	7.43%
Field Per Salaries - OT	300-920-205	\$ 85,300	\$ 91,387	365 days of dist stipend	\$ 92,500	\$ 7,200	8.44%
Meter Installers	300-920-206	\$ 170,560	\$ 97,176	winding down project	\$ 66,560	\$ (104,000)	-60.98%
Office Supplies & Misc	300-920-210	\$ 2,200	\$ 2,200		\$ 2,200	\$ -	0.00%
Interconnection	300-920-220	\$ 77,900	\$ 108,143	based on 18M gal taken	\$ 94,500	\$ 16,600	21.31%
<b>Outside Services</b>	300-920-230	\$ 87,500	\$ 87,500	more for leak detection	\$ 100,000	\$ 12,500	14.29%
Insurance Property	300-920-240	\$ 26,400	\$ 26,120	more vehicles to insure	\$ 28,000	\$ 1,600	6.06%
<b>Empl Benefits &amp; Pensions</b>	300-920-260	\$ 318,100	\$ 318,100		\$ 327,200	\$ 9,100	2.86%
Vehicle Exp	300-930-321	\$ 9,000	\$ 14,000		\$ 10,000	\$ 1,000	11.11%
Veh Aqu. Program	300-930-323	\$ 74,028	\$ 72,847	one new utility body	\$ 85,830	\$ 11,802	15.94%
Capitol Projects	300-930-325	\$ 10,000	\$ 10,000	needed increase	\$ 200,000	\$ 190,000	1900.00%
<b>Contingency</b>	300-930-999	\$ 100,000	\$ 76,938		\$ 100,000	\$ -	0.00%
<b>TOTAL</b>		\$ 4,113,081	\$ 4,307,657		\$ 4,298,419	\$ 185,338	4.51%



**EAST LYME WATER DEPT**  
**OPERATING EXPENDITURES - DEBT SCHEDULE**



PRINCIPAL	Yr 1 FY 20-21	Yr 2 FY 21-22	Yr 3 FY 22-23	Yr 4 FY 23-24	Yr 5 FY 24-25	Yr 6 FY 25-26	Yr 7 FY 26-27	Yr 8 FY 27-28	Yr 9 FY 28-29	Yr 10 FY 29-30	Yr 11 FY 30-31	Yr 12 FY 31-32	Yr 13 FY 32-33	Yr 14 FY 33-34	Yr 15 FY 34-35	Yr 16 FY 35-36	Yr 17 FY 36-37	Yr 18 FY 37-38	Yr 19 FY 38-39	Yr 20 FY 39-40	Yr 21 FY 40-41	TOTAL	
dwsrf-2010-8003	\$ 19,539	\$ 19,946	\$ 20,360	\$ 20,784	\$ 21,216	\$ 21,657	\$ 22,108	\$ 22,567	\$ 23,037	\$ 23,516	\$ 24,005											\$ 238,735	
2016 ref bonds						\$ 48,000	\$ 49,000	\$ 49,000														\$ 146,000	
dwsrf 2017-7057	\$ 14,714	\$ 15,011	\$ 15,314	\$ 15,623	\$ 15,939	\$ 16,260	\$ 16,589	\$ 16,924	\$ 17,265	\$ 17,614	\$ 17,969	\$ 18,332	\$ 18,702	\$ 19,079	\$ 19,464	\$ 19,857	\$ 20,258	\$ 15,463				\$ 310,377	
2019 ref bonds	\$ 224,000	\$ 198,000	\$ 291,000	\$ 210,000	\$ 354,000	\$ 305,000	\$ 320,000	\$ 322,000	\$ 178,000	\$ 169,000												\$ 2,571,000	
2019 rem bonds		\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 425,000	
<b>CURRENT DEB</b>	<b>\$ 258,254</b>	<b>\$ 252,957</b>	<b>\$ 346,674</b>	<b>\$ 266,407</b>	<b>\$ 411,155</b>	<b>\$ 410,917</b>	<b>\$ 427,697</b>	<b>\$ 430,491</b>	<b>\$ 238,302</b>	<b>\$ 230,130</b>	<b>\$ 61,974</b>	<b>\$ 43,332</b>	<b>\$ 43,702</b>	<b>\$ 44,079</b>	<b>\$ 44,464</b>	<b>\$ 44,857</b>	<b>\$ 45,258</b>	<b>\$ 40,463</b>	<b>\$ 25,000</b>	<b>\$ 25,000</b>	<b>\$ -</b>	<b>\$ 3,691,113</b>	
Well 1A/6 Pr. initial payment			1 \$ 247,480	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	\$ 4,949,597	
mo pay - princ	\$ -	\$ -	\$ 170,973	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 297,676	\$ 5,947,003
Proj. Debt	\$ 258,254	\$ 252,957	\$ 765,127	\$ 564,083	\$ 708,831	\$ 708,593	\$ 725,373	\$ 728,167	\$ 535,978	\$ 527,806	\$ 359,650	\$ 341,008	\$ 341,378	\$ 341,755	\$ 342,140	\$ 342,533	\$ 342,934	\$ 338,139	\$ 322,676	\$ 322,676	\$ 297,676	\$ 15,051,916	
	\$ 201,044																						
Debt Reserve - BC	\$ 400,000	\$ 644,900																					
Bonds/Prin Line	\$ 503,154	\$ 252,957																					
Change in Debt R	\$ (244,900)	\$ -																					
Debt Reserve - EC	\$ 644,900	\$ 644,900																					

EXPLANATION OF BOND ISSUE	fy 22-23 Well 1A/6			paid 10/1/22	Meter Replacement		Well 1A/6	
	principal	int	total		1/20 =	total owed	1/20 =	total owed
dwsrf-2010-8003 - State of CT DWSRF PLO - \$401,454, 2010 issue, monthly payment	08/31/22	\$ 247,480	\$ 49,496	\$ 296,976		\$ 78,937	\$ 247,480	
2016 ref bonds - 2012 bonnds - \$146,000, 7/21/16 issue, 7/15	09/30/22	\$ 16,969	\$ 7,837	\$ 24,806		\$ 1,578,735	\$ 4,949,597	
dwsrf 2017-7057 - State of Ct dwsrf PLO - \$345,643 (engineering for Well 1A/6 project), 2019 issue, monthly payment	10/31/22	\$ 16,998	\$ 7,809	\$ 24,806		\$ (78,937)	\$ (247,480)	
2019 ref bonds - refinance of 2009 bonds - \$2,571,000, 8/15/19 issue, 7/15	11/30/22	\$ 17,026	\$ 7,780	\$ 24,806		\$ 1,499,798	\$ 4,702,117	
2019 rem bonds - \$425,000, 8/15/19 (balance of original bond), 7/15	12/31/22	\$ 17,054	\$ 7,752	\$ 24,806		int \$ 304,201	yrly pay \$ 235,106	
Well 1A/6 Project - 1st Payment 8/32/22 (FY 22-23) - Total borrowed - \$5,156,000 - State requires 1/20 payment up front, then monthly payment	01/31/23	\$ 17,083	\$ 7,723	\$ 24,806		total p&i \$ 1,882,936		
	02/28/23	\$ 17,111	\$ 7,695	\$ 24,806		mo pay/int \$ 7,912	mo pay/int \$ 24,806.30	
	03/31/23	\$ 17,140	\$ 7,666	\$ 24,806	\$ 133,589	yr. pay w/int \$ 94,947	yr. pay w/int \$ 297,676	
	04/30/23	\$ 17,168	\$ 7,638	\$ 24,806	\$ (38,642)	first payment 11/1/22		
	05/31/23	\$ 17,197	\$ 7,609	\$ 24,806		last payment 9/30/40		
	06/30/23	\$ 17,226	\$ 7,581	\$ 24,806				
		\$ 170,973	\$ 77,090	\$ 545,039				
			\$ 248,063					

INTEREST	Yr 1 FY 20-21	Yr 2 FY 21-22	Yr 3 FY 22-23	Yr 4 FY 23-24	Yr 5 FY 24-25	Yr 6 FY 25-26	Yr 7 FY 26-27	Yr 8 FY 27-28	Yr 9 FY 28-29	Yr 10 FY 29-30	Yr 11 FY 30-31	Yr 12 FY 31-32	Yr 13 FY 32-33	Yr 14 FY 33-34	Yr 15 FY 34-35	Yr 16 FY 35-36	Yr 17 FY 36-37	Yr 18 FY 37-38	Yr 19 FY 38-39	Yr 20 FY 39-40	Yr 21 FY 40-41	TOTAL
dwsrf-2010-8003	\$ 4,734	\$ 4,328	\$ 3,913	\$ 3,490	\$ 3,057	\$ 2,616	\$ 2,166	\$ 1,706	\$ 1,237	\$ 758	\$ 269											\$ 28,273
2016 ref bonds	\$ 4,860	\$ 4,860	\$ 4,860	\$ 4,860	\$ 4,860	\$ 3,900	\$ 1,960	\$ 490														\$ 30,650
dwsrf 2017-7057	\$ 6,073	\$ 5,776	\$ 5,473	\$ 5,164	\$ 4,865	\$ 4,527	\$ 4,199	\$ 3,864	\$ 3,522	\$ 3,174	\$ 2,818	\$ 2,456	\$ 2,086	\$ 1,708	\$ 1,323	\$ 930	\$ 529	\$ 129				\$ 58,617
2019 ref bonds	\$ 174,118	\$ 110,710	\$ 98,485	\$ 85,960	\$ 71,860	\$ 55,385	\$ 39,760	\$ 23,710	\$ 11,210	\$ 3,380												\$ 674,578
2019 rem bonds	\$ 23,561	\$ 16,131	\$ 15,131	\$ 14,131	\$ 13,131	\$ 12,131	\$ 11,131	\$ 10,131	\$ 9,131	\$ 8,231	\$ 7,431	\$ 6,531	\$ 5,531	\$ 4,719	\$ 4,078	\$ 3,375	\$ 2,625	\$ 1,875	\$ 1,125	\$ 375		\$ 170,508
<b>CURRENT INT.</b>	<b>\$ 213,347</b>	<b>\$ 141,805</b>	<b>\$ 127,862</b>	<b>\$ 113,605</b>	<b>\$ 97,773</b>	<b>\$ 78,559</b>	<b>\$ 59,216</b>	<b>\$ 39,901</b>	<b>\$ 25,100</b>	<b>\$ 15,543</b>	<b>\$ 10,518</b>	<b>\$ 8,987</b>	<b>\$ 7,617</b>	<b>\$ 6,427</b>	<b>\$ 5,401</b>	<b>\$ 4,305</b>	<b>\$ 3,154</b>	<b>\$ 2,004</b>	<b>\$ 1,125</b>	<b>\$ 375</b>	<b>\$ -</b>	<b>\$ 962,626</b>
Well 1A/6 Project initial payment			1 \$ 49,496	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
mo pay - princ	\$ -	\$ -	\$ 77,090																			
<b>PROJ. INTERES</b>	<b>\$ 213,347</b>	<b>\$ 141,805</b>	<b>\$ 254,449</b>	<b>\$ 113,605</b>	<b>\$ 97,773</b>	<b>\$ 78,559</b>	<b>\$ 59,216</b>	<b>\$ 39,901</b>	<b>\$ 25,100</b>	<b>\$ 15,543</b>	<b>\$ 10,518</b>	<b>\$ 8,987</b>	<b>\$ 7,617</b>	<b>\$ 6,427</b>	<b>\$ 5,401</b>	<b>\$ 4,305</b>	<b>\$ 3,154</b>	<b>\$ 2,004</b>	<b>\$ 1,125</b>	<b>\$ 375</b>	<b>\$ -</b>	<b>\$ 962,626</b>

METER REPLACEMENT PROJECT- LINE ITEM (including principal and interest)																						
	Yr 1 FY 20-21	Yr 2 FY 21-22	Yr 3 FY 22-23	Yr 4 FY 23-24	Yr 5 FY 24-25	Yr 6 FY 25-26	Yr 7 FY 26-27	Yr 8 FY 27-28	Yr 9 FY 28-29	Yr 10 FY 29-30	Yr 11 FY 30-31	Yr 12 FY 31-32	Yr 13 FY 32-33	Yr 14 FY 33-34	Yr 15 FY 34-35	Yr 16 FY 35-36	Yr 17 FY 36-37	Yr 18 FY 37-38	Yr 19 FY 38-39	Yr 20 FY 39-40	Yr 21 FY 40-41	TOTAL
Meter Repl. initial pay		1 \$ 78,937	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	\$ 78,937
mo pay (P&I)	\$ -	\$ 71,211	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 23,737	\$ 1,804,000
Proj. Debt	\$ -	\$ 150,148	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 23,737	\$ 1,882,937