

**EAST LYME WATER AND SEWER COMMISSION
AGENDA
March 22, 2022
7:00 PM**

**Regular Meeting
East Lyme Town Hall
(Upstairs Main Meeting Room)**

- 1. Call to Order / Pledge of Allegiance**
- 2. Approval of Minutes**
 - a. Regular Meeting Minutes – February 22, 2022**
- 3. Delegations**
- 4. Billing Adjustments/Disputes**
 - a. 374 Main St**
 - b. 170 Flanders Unit 6**
- 5. Approval of Bills – Attachment B**
- 6. Finance Director Report**
- 7. Reclassification of PMI Invoice**
- 8. Discuss Sewer Assessment of Condos at 231 Boston Post Rd**
- 9. Discuss Water and Sewer Budgets**
- 10. Project Updates**
 - a. Meter Replacement Project – Discussion**
 - b. Update on Well 5 Rehabilitation Project**
 - c. American Rescue Plan Discussion on Upcoming Projects**
- 11. Correspondence Log**
- 12. Chairman's Report**
- 13. Staff Updates**
 - a. Water Department Monthly Report**
 - b. Sewer Department Monthly Report**
- 14. Future Agenda Items**
- 15. Adjournment**

FILED

March 17, 2022 AT 12:14 AM/PM

Breanne Storer ATC
EAST LYME TOWN CLERK

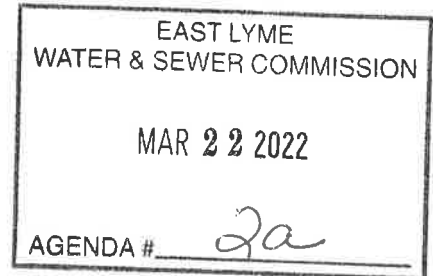
**EAST LYME WATER & SEWER COMMISSION
REGULAR MEETING
TUESDAY, FEBRUARY 22nd, 2022
MINUTES**

The East Lyme Water & Sewer Commission held a Regular Meeting on Tuesday, February 22nd, 2022. Chairman Seery called the Regular Meeting to order at 7:00 PM.

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

ALSO PRESENT: Joe Bragaw, Public Works Director
Ben North, Municipal Utility Engineer
Anna Johnson, Finance Director

ABSENT: David Jacques, Joe Mingo, Dave Zoller



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 of Allegiance.

2. Approval of Minutes

▪ **Regular Meeting Minutes – January 25, 2022**

Mr. Seery called for a motion or any discussion on the Regular Meeting Minutes of January 25, 2022. Mr. Murphy asked that on Page 3 at the top that 'Mr. Jacques seconded the motion' is added to the motion.

Ms. Russell supplied a change she wanted made to Item 10. a. - where she is speaking (attached)

****MOTION (1)**

Mr. Murphy moved to approve the Regular Meeting Minutes of January 25, 2022 as amended. Mr. DiGiovanna 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

There were none.

6. Finance Director Report

Ms. Johnson reviewed her report noting that the revenues were a bit less and coming in slower than in the previous year. Water billing for the prison was lower this year than in January 2021 while Sewer billing for the prison was higher this year than in January of 2021. There were no cash outlays from sewer assessment during the month.

7. Discussion and Possible Action on Setting Appropriate Interest Rate for Meter Deposit Reimbursements

FILED

March 1, 2022 AT 10:09 AM
Bramble Foreman ATE
EAST LYME TOWN CLERK

Mr. Bragaw explained the meter deposit interest refund situation. He noted that they were coming to the end of the original meter deposit refunds and that they had to compute interest on the meters based on how long they had been on deposit. Because many homes had changed hands the calculation is for different amounts of time as the new owners would start fresh. He said that he spoke with the attorney on this and it was determined that it should be treated in the same manner that landlords have to treat security deposits as set forth by the State. He provided an interest calculation table based on the specific number of years. (Copy attached)

****MOTION (2)**

Mr. Murphy moved to use the interest rate payback structure for the meter deposits as set forth by the State and utilized in rental security deposits.

Mr. DiGiovanna seconded the motion.

Mr. Bond asked if they have to do this.

Mr. Bragaw said yes, as the attorney had said that we have held it as a deposit and we have to return it. He noted that each would have to be figured individually as there are varying amounts of time.

Mr. Murphy noted that now there will be a fee each billing period on the new meters.

Vote: 6 – 0 – 0. Motion passed.

8. Project Updates

▪ Meter Replacement Project

Mr. North reported that they have interviewed two (2) new people to install the meters – one to start now and one to start in mid-March. They have had a bit less participation due to the weather but they are still moving in a good direction. They have not seen a lot of extreme scenarios; just a few broken valves. They will be doing more mailings in the very near future and expect that this will all be ramping up with the better weather.

▪ Update on Well 5 Rehabilitation Project

Mr. North reported that this is moving along and that it was drilled last week; they are sizing the screen (about 6 to 7 weeks out) and will start relining the tanks soon.

▪ American Rescue Plan Discussion on Upcoming Projects

Mr. North said that he and Mr. Bragaw met with them last week and laid out the projects and answered any questions that they had. They are now waiting to hear.

Mr. Seery noted that there are some other potential grants that they are looking into.

▪ Discussion and Possible Action on Vibration Analysis of Pumps at Niantic Pumping Station

Mr. North noted the issue with the vibration with the pumps at the Niantic Pump Station. He explained that there are four (4) main pumps, two (2) of which have not been replaced yet with the newer technology. They have had a lot of issues with vibration since the pumps have been installed. They have also received a lot of information on what could/might be the cause of it and are at the point where they feel that they need professional help with determining how to handle this issue. He said that he reached out to a colleague on it and that there is a company in New Jersey who could come up and troubleshoot this and provide them with recommendations on what can be done to mitigate it. He said that he had provided them with the information on the quote to do the vibration analysis troubleshooting.

Mr. Seery called for a motion.

****MOTION (3)**

Mr. DiGiovanna moved to appropriate and transfer up to \$28,700 in the sewer assessment fund from resources available to an account to be established titled, 'Niantic Pump Station Vibration

Analysis' to fund a study that will recommend mitigation measures to solve the vibration and building resonance issues at the pump station.

Mr. Murphy seconded the motion.

Mr. Bond said that they built that station 30 years ago and it vibrated right out of the box. He said that he thinks that it is the foundation that the building sits on and not just the pumps. He also thinks that it is how all the rebar and everything is tied together. With all of the new technology there may be ways around that now but he is also wondering if they are just repeating history.

Mr. North said that this does make him feel that he is working in the right direction to try to solve this issue.

Mr. Kruszewski, W & S Mechanic said that it is frequently the difference in frequencies that would cause this type of issue and that it is not a new issue. He noted that he had come across it before in other positions.

Vote: 6 – 0 – 0. Motion passed.

9. Correspondence Log

Ms. Russell noted the Old Lyme Agreement and asked when they would see it.

Mr. Bragaw said that they are still working on finalizing it and they would get to see it when it is done.

10. Chairman's Report

Mr. Seery reported:

- That the Police and Dispatch have moved into the new Public Safety Building (the Fire Marshal is on the upper floor) and that it feels like a 'home' now. He anticipates holding a ribbon-cutting sometime next month and is also working on having a 'virtual' open house having someone take a video of the building so that the public will be able to see it.
- During the snow storm – night blizzard they also had a water main break.
- The Bi-Town agreement is being worked on.

11. Staff Updates

a. Water Department Monthly Report

Mr. Murphy asked how much we have pumped to New London and if we were over the gallons for the last year.

Mr. North said that they have pumped about 12M gallons but they think that they have a leak some where in the North end of Town that they are trying to isolate.

Mr. Murphy and Mr. Seery suggested that they look in the Alscot / Joval / Colony Road areas.

Mr. North said that they have also reached out to their leak detection contractor to have them start Town-wide leak detection in the next two weeks.

b. Sewer Department Monthly Report

Ms. Russell said that it has been awhile since they have had an updated analysis on their sewer commitments especially with the larger projects in Town.

12. Future Agenda Items

No discussion.

13. ADJOURNMENT

Mr. Seery called for a motion to adjourn.

MOTION (4)

Mr. DiGiovanna moved to adjourn this Regular Meeting of the East Lyme Water & Sewer Commission at 7:45 PM.

Mr. Murphy seconded the motion.

Vote: 6 – 0 – 0. Motion passed.

Respectfully submitted,

Karen Zmitruk,
Recording Secretary

Proposed Correction to Water & Sewer Commission Minutes for January 25, 2022

On Page 4 the last sentence under Item # 10a (Water Department Monthly Report) should be corrected/clarified as follows:

Ms. Russell commented she thought it was appropriate that funding eligibility requirements for projects related to flood resilience had been revised so we will now have to be planning to withstand 500-year storms. (The previous standard was for 100-year storms).

Submitted by Ms. Russell 2/22/22

State of Connecticut Department of Banking

(/DOB)

[CT.gov Home](#) [/ / Department of Banking](#) [\(/DOB\)](#) Rental Security Deposits

Rental Security Deposits

Key Issues for Landlords and Tenants

Landlords, once you give the key to your rental apartment or home to a tenant, you must follow basic rules for security deposits.

Tenants, once you accept the key to your new home, you must also follow guidelines to protect your security deposit.

Connecticut law outlines the rights and responsibilities of both landlords and tenants about the collection, holding and return of rent security deposits. This publication answers common questions on rent security deposits. It's our attempt to help *both* landlords and tenants understand their obligations and Connecticut's law. You may wish to review [Section 47a-21](#) (https://www.cga.ct.gov/current/pub/chap_831.htm#sec_47a-21) of the Connecticut General Statutes for more detailed information. See also the [DOB booklet regarding rental security deposit laws](#).

Options for Resolving Disputes (/DOB/Consumer/Consumer-Complaints/Rental-Security-Deposit-Complaints)

The rental security deposit interest rate for 2022 is 0.06%.

Previous Year's Rental Security Deposit Interest Rates:

10/1/73-9/30/82	4.00%
10/1/82-9/30/92	5.25%
10/1/92-6/30/1993	4.00%
7/1/93-12/31/93	2.90%
1994	2.50%
1995	2.80%
1996	3.10%
1997	2.80%
1998	2.60%
1999	2.30%
2000	2.20%
2001	2.40%
1/1/2002-12/31/11	1.50%
2012	0.16%
2013	0.11%

EAST LYME WATER & SEWER COMMISSION
FEB 18 2022
AGENDA # <u>17</u>

Item # 7 WES 2/22/2022

2014	0.09%
2015	0.08%
2016	0.08%
2017	0.08%
2018	0.09%
2019	0.15%
2020	0.15%
2021	0.08%

The following Excel Worksheet was designed to provide assistance in determining the interest that is owed on rental security deposits: [Interest Calculation Table](#)
Updated December 2021

Frequently Asked Questions

What Is A Security Deposit?

A security deposit is any advance rental payment *other than* an advance for the first month's rent or a deposit for a key or any special equipment. A security deposit remains the tenant's property but the landlord holds a security interest in it. Security deposits must be kept in an escrow account in a Connecticut bank.

How Large A Security Deposit Can A Landlord Require?

Landlords can't require more than two months rent as a security deposit. This limit is reduced to one month's rent if a tenant is 62 years of age or older.

Do Landlords Pay Tenants Interest On Security Deposits?

Yes. Landlords must pay tenants interest on security deposits of at least the average commercial banks savings deposit rate as annually determined and published by the Banking Commissioner. Interest must be paid annually on the anniversary date of a tenancy either directly to tenants or as a credit towards the next month's rent. See [interest rate information \(/DOB/Rental-Security-Deposits/Rental-Security-Deposits/Deposit-Index-and-Interest-Rates\)](#).

What If A Tenant Is Late Paying Rent?

Tenants forfeit interest on their security deposits for any months when they are more than ten days late paying their rent. The only exception is when a tenant's rental agreement already contains a late charge for overdue rental payments.

TIP: Before moving, inspect your apartment with the landlord and note its condition.

How Can Tenants Ensure Their Security Deposits Will Be Returned?

Tenants should carefully note the condition of their apartment when they first move in and confirm that condition *in writing* with their new landlord. When tenants decide to move, they should notify their landlord in writing of their plans to leave and must provide *written notice* of a forwarding address where the landlord may send their security deposit with interest. Since a tenant may need to show proof that the written notice was sent to their landlord, the tenant should send the notice by **certified mail with a return receipt**. All rental payments should be made on time and tenants should repair any damage they cause. Before moving out, if possible, tenants should inspect the apartment together with their landlord. Keys should be returned the day the tenancy ends.

EAST LYME WATER DEPARTMENT
COMPARISON OF INTEREST RATES FOR WATER METER DEPOSIT
REIMBURSEMENTS

i	Year	\$50 meter deposit		Int rate from State	\$70 meter deposit	
		1%	Var		Var	1%
1	2022	\$ 50.00	\$ 50.00	0.06%	\$ 70.00	\$ 70.00
2	2021	\$ 50.50	\$ 50.04	0.08%	\$ 70.06	\$ 70.70
3	2020	\$ 51.01	\$ 50.12	0.15%	\$ 70.16	\$ 71.41
4	2019	\$ 51.52	\$ 50.19	0.15%	\$ 70.27	\$ 72.12
5	2018	\$ 52.03	\$ 50.24	0.09%	\$ 70.33	\$ 72.84
6	2017	\$ 52.55	\$ 50.28	0.08%	\$ 70.39	\$ 73.57
7	2016	\$ 53.08	\$ 50.32	0.08%	\$ 70.44	\$ 74.31
8	2015	\$ 53.61	\$ 50.36	0.08%	\$ 70.50	\$ 75.05
9	2014	\$ 54.14	\$ 50.40	0.09%	\$ 70.56	\$ 75.80
10	2013	\$ 54.68	\$ 50.46	0.11%	\$ 70.64	\$ 76.56
11	2012	\$ 55.23	\$ 50.54	0.16%	\$ 70.75	\$ 77.32
12	2011	\$ 55.78	\$ 51.30	1.50%	\$ 71.81	\$ 78.10
13	2010	\$ 56.34	\$ 52.07	1.50%	\$ 72.89	\$ 78.88
14	2009	\$ 56.90	\$ 52.85	1.50%	\$ 73.98	\$ 79.67
15	2008	\$ 57.47	\$ 53.64	1.50%	\$ 75.09	\$ 80.46
16	2007	\$ 58.05	\$ 54.44	1.50%	\$ 76.22	\$ 81.27
17	2006	\$ 58.63	\$ 55.26	1.50%	\$ 77.36	\$ 82.08
18	2005	\$ 59.22	\$ 56.09	1.50%	\$ 78.52	\$ 82.90
19	2004	\$ 59.81	\$ 56.93	1.50%	\$ 79.70	\$ 83.73
20	2003	\$ 60.41	\$ 57.78	1.50%	\$ 80.90	\$ 84.57
21	2002	\$ 61.01	\$ 58.65	1.50%	\$ 82.11	\$ 85.41
22	2001	\$ 61.62	\$ 60.06	2.40%	\$ 84.08	\$ 86.27
23	2000	\$ 62.24	\$ 61.38	2.20%	\$ 85.93	\$ 87.13
24	1999	\$ 62.86	\$ 62.79	2.30%	\$ 87.91	\$ 88.00
25	1998	\$ 63.49	\$ 64.42	2.60%	\$ 90.19	\$ 88.88
26	1997	\$ 64.12	\$ 66.23	2.80%	\$ 92.72	\$ 89.77
27	1996	\$ 64.76	\$ 68.28	3.10%	\$ 95.59	\$ 90.67
28	1995	\$ 65.41	\$ 70.19	2.80%	\$ 98.27	\$ 91.57
29	1994	\$ 66.06	\$ 71.95	2.50%	\$ 100.73	\$ 92.49
30	1993	\$ 66.73	\$ 74.03	2.90%	\$ 103.65	\$ 93.42
31	1992	\$ 67.39	\$ 77.00	4.00%	\$ 107.79	\$ 94.35
32	1991	\$ 68.07	\$ 81.04	5.25%	\$ 113.45	\$ 95.29
33	1990	\$ 68.75	\$ 85.29	5.25%	\$ 119.41	\$ 96.25
34	1989	\$ 69.43	\$ 89.77	5.25%	\$ 125.68	\$ 97.21
35	1988	\$ 70.13	\$ 94.48	5.25%	\$ 132.28	\$ 98.18
36	1987	\$ 70.83	\$ 99.44	5.25%	\$ 139.22	\$ 99.16
37	1986	\$ 71.54	\$ 104.66	5.25%	\$ 146.53	\$ 100.15
38	1985	\$ 72.25	\$ 110.16	5.25%	\$ 154.22	\$ 101.16
39	1984	\$ 72.98	\$ 115.94	5.25%	\$ 162.32	\$ 102.17
40	1983	\$ 73.71	\$ 122.03	5.25%	\$ 170.84	\$ 103.19
41	1982	\$ 74.44	\$ 126.91	4.00%	\$ 177.67	\$ 104.22
42	1981	\$ 75.19	\$ 131.99	4.00%	\$ 184.78	\$ 105.26
43	1980	\$ 75.94	\$ 137.27	4.00%	\$ 192.17	\$ 106.32
44	1979	\$ 76.70	\$ 142.76	4.00%	\$ 199.86	\$ 107.38
45	1978	\$ 77.47	\$ 148.47	4.00%	\$ 207.85	\$ 108.45

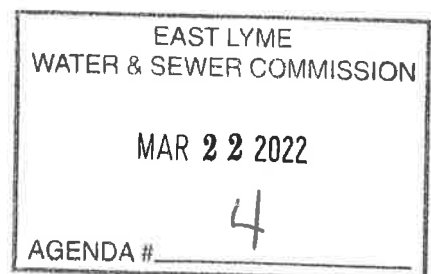
LEAK ADJUSTMENT REQUESTS AND/OR BILLING DISPUTES

EAST LYME WATER & SEWER COMMISSION

March 22, 2022

1. Billing Disputes Requiring Review by the Commission

- a. 374 Main St, Account #418600-0**
- b. 170 Flanders Unit 6, Account #39268020-0**



EAST LYME WATER DEPARTMENT

1 IN 10 WATER LEAK ADJUSTMENT APPLICATION



Date of Request 11.29.2021

Property Owner Steven Turner **RESIDENTIAL (over 3 units/meter)/**

Daytime Phone # 860.852.9013 **MIXED USE/NON-RESIDENTIAL**

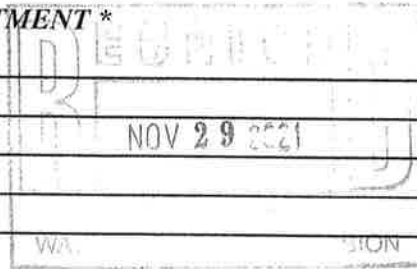
Property Address 374 Main St.

Email Address Stoner581@yahoo.com

Type of Property Mixed Use/Apartments/Commercial/Industrial/
Governmental/ Other

REASON THE CUSTOMER IS REQUESTING AN ADJUSTMENT *

Please see attached



* Be as detailed as possible as to the reason of the request

Have you provided written proof that the excessive water use has been corrected? Yes (yes/no)

Have you been given an leak adjustment to your water bill over the last 10 years? No (yes/no)

Has there been a change of use of the property during the disputed bill period? No (yes/no)

Has there been an increase in occupants at the disputed bill address? No (yes/no)

ANY ADDITIONAL INFORMATION (attach additional documentation as needed)

By signing this application below, I am certifying that all of the information that I have provided is true, that I am the owner of the property and that I have read the East Lyme Water Department's Bill Dispute Resolution policy.

Signature [Signature]

Date 11.29.2021

If you have any questions on how to fill out this application, please contact the Water Department at (860) 691-4104.

STAFF COMMENTS

WATER & SEWER COMMISSION DECISION

Decision (Approve/Approve w/Modifications/Deny)

Chairman Signature

Date

Reason

To whom it may concern, I am requesting an adjustment to our water bill for the following reasons.

1: In the seven years that we have owned the building our average sixth month bill has never exceeded \$2000.00, and in fact has been more on the average of \$1700.00.

2: The current bill is more than four times the amount of any of our previous bills. This is a severe hardship for us for many reasons. We operate a restaurant which has had to endure over a year's worth of business interruption, lack of sales, increased costs, and general poor performance due to Covid related restrictions. In fact, we would have assumed that our bill would have been significantly less due to our not being open for lunch service and that we are only operating five and not seven days a week.

3: Although we have found no obvious leaks that would warrant such an excessive bill, we have taken proactive steps to mitigate any leaks. We have performed dye tests on all commercial and residential toilets in the building and recently had Niantic Plumbing replace all toilet flappers and valves in said toilets even though none were leaking.

4: We have requested that a new water meter be installed to replace the existing meter

5: I would also like to point out we were informed, that upon reading our meter in September of this year, the department was aware of the excessive use but instead of even bringing this to our attention, the department simply let the use continue and took a second reading in October. We have no idea how much more waste occurred during this period but find it a bit irresponsible for the department to not even attempt to contact us regarding the issue. At no time did anyone even try even though all of our contact information is readily available. We are responsible business owners/landlords who contribute to the community and have paid our bills and taxes on time for the last seven years. We find the lack of communication simply unacceptable.

6: We have paid \$2000.00 on the existing bill so as not to be delinquent in any way.

7: At this point we do not know what else to do but apply for a one in ten leak adjustment.



240239

NANTIC PLUMBING & APPLIANCE CO. INC.

P. O. BOX 508 • 40 PENN AVENUE • TEL. 709-8032 • NANTIC, DEL. 06357
BILLS DUE & PAYABLE 10 DAYS AFTER DATE OF SYMT.

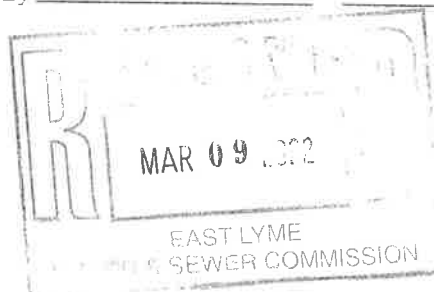
INTEREST RATE OF 12% PER ANNUM APPLIES TO ANY UNPAID BALANCE AFTER 10 DAYS

Customer's Order No.	Date <u>11-24-21</u>				
Name	<u>Lillians Rest</u>				
Address	<u>Main St</u>				
SOLD BY <u>Tom</u>	CASH	C.O.D.	CHARGE <input checked="" type="checkbox"/>	ON ACCT.	MDSE. RETD.
QUAN.	DESCRIPTION			PRICE	AMOUNT
<u>3</u>	<u>Pro 45 B/C</u>			<u>1345</u>	<u>4035</u>
<u>3</u>	<u>1/2" USA S/S Siphon</u>			<u>1295</u>	<u>3885</u>
<u>2</u>	<u>3" flapper kerky</u>			<u>1689</u>	<u>3378</u>
<u>1</u>	<u>3" FM flapper</u>				<u>1689</u>
					<u>12987</u>
				<u>tax</u>	<u>825</u>
<u>Check for leaks/replace</u>					
<u>3 flappers and 3</u>					
<u>ballcocks in toilets</u>					
<u>Service labor (209.00)</u>					<u>19500</u>
<u>labor</u>					
SALES TAX					<u>1238</u>
TOTAL					<u>345.50</u>

All claims and returned goods MUST be accompanied by this bill.

P1-200447
S1-300568
E9-108292

Rec'd By _____



February 18, 2022
09:11 AM

Town of East Lyme
Utility Account Status By Account Id

Page No: 1

Range: 418600-0 to 418600-0

Year: First to Last

Period: 1 to 12

Date: First to 06/30/22

Cycle: First to Last

Section: First to Last

Print Service Debit/Credit Only:

Include Service Type: Water: Y Sewer: Y

Account Type: First to Last

Include Prior Year/Prd in Bal: Y

Include Zero Bal: Y

Exclude Non-NSF Reversed Payments: N

Status: Active/Inactive

Order By: Date

Report Type: Detail

Print Block/Lot/Qual: N

Name to Print: Bill To

Location to Print: Property

* Overpayment amount applied to periods outside the range is not displayed

Account Id	Type	Section	Property Location	Address						
Bill To Name										
Cycle										
Date	Type	Yr/Prd	Code	Meth	Check No	Description	Apply To	Principal	Penalty	Balance
418600-0	BUS		374 MAIN STREET							
SECOND HELPING LLC			374 MAIN STREET			NIANTIC CT	06357			
Water: 1	Sewer: 1									
01/11/22	Penalty	22	1	Sewer		JANUARY PENALTY		0.00	40.35	6,479.53
01/11/22	Penalty	22	1	Water		JANUARY PENALTY		0.00	22.56	6,439.18
12/14/21	Penalty	22	1	Sewer		DECEMBER PENALTY		0.00	40.35	6,416.62
12/14/21	Penalty	22	1	Sewer		NOVEMBER PENALTY		0.00	40.35	6,376.27
12/14/21	Penalty	22	1	Water		DECEMBER PENALTY		0.00	22.56	6,335.92
12/14/21	Penalty	22	1	Water		OCTOBER WTR PENALTY		0.00	22.56	6,313.36
12/01/21	Payment	22	1	Sewer	S01 CK 005220			1,000.00-	0.00	6,290.80
12/01/21	Payment	22	1	Water	W01 CK 005220			1,000.00-	0.00	7,290.80
11/01/21	Appl Dep	22	1	Water	W21	FR Water	04/01/15	12.50-	0.00	8,290.80
11/01/21	Bill	22	1	Sewer	S01	77776640		5,035.05		8,303.30
11/01/21	Bill	22	1	Water	MFW			12.50		3,268.25
11/01/21	Bill	22	1	Water	SAF			1.00		3,255.75
11/01/21	Bill	22	1	Water	W01	77776640		3,254.75		3,254.75
05/05/21	Payment	21	2	Water	W01 CK 000000005214	LOCKBOX		800.73-	0.00	0.00
05/05/21	Payment	21	2	Sewer	S01 CK 000000005214	LOCKBOX		1,185.70-	0.00	800.73
05/01/21	Appl Dep	21	2	Water	W21	FR Water	04/01/15	1.50-	0.00	1,986.43
05/01/21	Appl Dep	21	2	Water	W21	FR Water	04/01/15	13.50-	0.00	1,987.93
05/01/21	Bill	21	2	Sewer	S01	77776640		1,185.70		2,001.43
05/01/21	Bill	21	2	Water	MFW			12.50		815.73
05/01/21	Bill	21	2	Water	SAF			1.00		803.23
05/01/21	Bill	21	2	Water	W01	77776640		802.23		802.23
11/19/20	Payment	21	1	Water	W01 CK 000000005209	LOCKBOX		225.47-	0.00	0.00
11/19/20	Payment	21	1	Sewer	S01 CK 000000005209	LOCKBOX		307.80-	0.00	225.47
11/01/20	Appl Dep	21	1	Water	W21	FR Water	04/01/15	1.50-	0.00	533.27
11/01/20	Appl Dep	21	1	Water	W21	FR Water	04/01/15	13.50-	0.00	534.77
11/01/20	Bill	21	1	Sewer	S01	77776640		307.80		548.27
11/01/20	Bill	21	1	Water	MFW			12.50		240.47
11/01/20	Bill	21	1	Water	SAF			1.00		227.97
11/01/20	Bill	21	1	Water	W01	77776640		226.97		226.97
05/05/20	Payment	20	2	Water	W01 CK 000000005201	LOCKBOX		497.67-	0.00	0.00
05/05/20	Payment	20	2	Sewer	S01 CK 000000005201	LOCKBOX		704.70-	0.00	497.67
05/01/20	Appl Dep	20	2	Water	W21	FR Water	04/01/15	1.50-	0.00	1,202.37
05/01/20	Appl Dep	20	2	Water	W21	FR Water	04/01/15	13.50-	0.00	1,203.87
05/01/20	Bill	20	2	Sewer	S01	77776640		704.70		1,217.37
05/01/20	Bill	20	2	Water	MFW			12.50		512.67
05/01/20	Bill	20	2	Water	SAF			1.00		500.17
05/01/20	Bill	20	2	Water	W01	77776640		499.17		499.17
11/05/19	Payment	20	1	Water	W01 CK 000000005192	LOCKBOX		717.68-	0.00	0.00

WATER LEAK ADJUSTMENT REQUEST
December 2021
(for November 2021 Billing Period)

ADDRESS	UNADJUSTED BILL				EXPLANATION	EXCEEDS TWO BILLS BY 33%	AVERAGE OF TWO COMPARABLE BILLS				RECALCULATED PER "1 in 10"							
	GALLONS	\$ WATER	\$ SEWER	\$ TOTAL			GALLONS	\$ WATER	\$ SEWER	\$ TOTAL	"EXCESSIVE WATER USED"	ADJUSTED CONSUMPTION (unadjusted gallons less excessive water used)	\$ WATER	\$ SEWER	\$ TOTAL			
374 Main St. (Account #418600-0)	603,000	3,254.75	5,035.05	8,289.80	N/A	yes	83,500	491.01	697.23	1,188.24	259,750	343,250	1,871.60	697.23	2,568.83			
The calculation for adjustment to the water bill is based on the historical average of two comparable billing periods.																		
The water bill adjustment for excessive use shall be calculated by taking the average amount of water used during the two comparable billing periods and then subtracting that amount from the amount of water used during the excessive billing period. One-half of the resulting figure shall be the "excessive water" used. The "excessive water" used is subtracted from the unadjusted water use to get the adjusted consumption. Sewer usage was calculated from average comparables bills since water leak did not enter the sewer collection system.																		
2019-2020	Water Rate	65.41	+	4.96	per 1000 gallons	or	5.32	per 1000 gallons if over 40,000 gallons in six-month period										
2020-2021	Sewer Rate			8.35	per 1000 gallons													

EAST LYME WATER DEPARTMENT

1 IN 10 WATER LEAK ADJUSTMENT APPLICATION



Date of Request 5-28-21
Property Owner 70 Handeys LLC **RESIDENTIAL (over 3 units/meter)/**
Daytime Phone # 860-912-5630 **MIXED USE/NON-RESIDENTIAL**
Property Address 170 Handeys Rd Unit 6
Email Address tom@weightbolinger.com
Type of Property BUSINESS **Mixed Use/Apartments/Commercial/Industrial/
Governmental/ Other**

REASON THE CUSTOMER IS REQUESTING AN ADJUSTMENT *

We own Weightbolinger LLC. We were unaware of any
issue w/ our water. We only have a toilet & sink and no
other sources. We had the toilet repaired in Jan 2021 (Balkcock)
Since we became aware who had the plumber fix the problem
(See receipts), we cannot afford this bill. Its (16x) more than we
usually pay.

* Be as detailed as possible as to the reason of the request

Have you provided written proof that the excessive water use has been corrected? ☒ (yes/no)

Have you been given a leak adjustment to your water bill over the last 10 years? ☐ (yes/no)

Has there been a change of use of the property during the disputed bill period? ☐ (yes/no)

Has there been an increase in occupants at the disputed bill address? ☐ (yes/no)

ANY ADDITIONAL INFORMATION (attach additional documentation as needed)

Attached work order

By signing this application below, I am certifying that all of the information that I have provided is true, that I am the owner of the property and that I have read the East Lyme Water Department's Bill Dispute Resolution policy.

Signature *Anthony Profane*

Date 5/28/21

If you have any questions on how to fill out this application, please contact the Water Department at (860) 691-4104.

STAFF COMMENTS

WATER & SEWER COMMISSION DECISION

Decision (Approve/Approve w/Modifications/Deny)

Chairman Signature

Date

Reason

149.	CE
------	----



471 Boston Post Rd, Waterford, CT 06385
(860) 625-4071

JOB INVOICE

0439

TO Weight No Longer LLC -

TERMS:

PHONE	DATE OF ORDER
ORDER TAKEN BY	CUSTOMER'S ORDER NUMBER
<input checked="" type="checkbox"/> DAY WORK	<input type="checkbox"/> CONTRACT
<input type="checkbox"/> EXTRA	
JOB NAME/NUMBER <u>170 Flinders Rd</u>	
JOB LOCATION <u>Unit - D-6</u>	
JOB PHONE	STARTING DATE <u>3-27-2021</u>

QTY.

MATERIAL

PRICE

AMOUNT

DESCRIPTION OF WORK

1 American Standard
Champion 4 Disc -

Replaced Bad American
Standard Flush Valve
Disc -

All Set

tested with Blue Dye!!

OTHER CHARGES

PAID In full
CK # 3566

LABOR

TOTAL OTHER

HRS. RATE

AMOUNT

Scan

1

Sett

1

TOTAL LABOR

125.00

TOTAL MATERIALS

5.00

TOTAL OTHER

TAX

TOTAL

130.00

Thank You

DATE COMPLETED 5-27-2021

TOTAL MATERIALS

Work ordered by _____

Signature _____

I hereby acknowledge the satisfactory completion of the above described work.

39268020-0	170 FLANDERS ROAD D-5	1.00	S01	Water/Sewer Standard Meter:	1 Meter Group: 1	Status: Read
BUS SW	170 FLANDERS LLC	1.00	W01	Meter Num: B12653385	Serial Num: 56417617	
W: 1 S: 1	B12653385 1000 7 170 3960	1.00	MFW	2022 1 10/05/21 S	560000	6000 13131
		1.00	SAF	2022 1 05/26/21 S	554000	31000 12745
				2021 2 03/26/21 S	523000	91000 12571
				2021 1 09/25/20 S	432000	16000 11998
				2020 2 03/06/20 S	416000	4000 11152
				2020 1 10/03/19 S	412000	5000 10823
				2019 2 03/26/19 S	407000	1000 10360
				2019 2 10/19/18 R	406000	0 10273
						154000

December 7, 2021
09:07 AM

Town of East Lyme
Utility Account Status By Account Id

Page No: 1

Range: 39268020-0 to 39268020-0
Year: First to Last
Period: 1 to 12
Date: First to 06/30/22
Cycle: First to Last
Section: First to Last
Print Service Debit/Credit Only:
Include Service Type: Water: Y Sewer: Y

Account Type: First to Last
Include Prior Year/Prd in Bal: Y
Include Zero Bal: Y
Exclude Non-NSF Reversed Payments: N
Status: Active/Inactive

Order By: Date
Report Type: Detail
Print Block/Lot/Qual: N
Name to Print: Bill To
Location to Print: Property

* Overpayment amount applied to periods outside the range is not displayed

Account Id	Type	Section	Property Location						
Bill To Name			Address						
Cycle									
Date	Type	Yr/Prd	Code Meth Check No	Description	Apply To	Principal	Penalty	Balance	
39268020-0	BUS	SW	170 FLANDERS ROAD D-5						
170 FLANDERS LLC			PO BOX 737	NIANTIC CT	06357				
Water: 1	Sewer: 1								
11/01/21	Bill	22 1	Sewer	S01	56417617	308.95		1,892.71	
11/01/21	Bill	22 1	Water	SAF		1.00		1,583.76	
11/01/21	Bill	22 1	Water	MFW		12.50		1,582.76	
11/01/21	Bill	22 1	Water	W01	56417617	226.88		1,570.26	
07/12/21	Penalty	21 2	Sewer		JULY PENALTY	0.00	7.60	1,343.38	
07/12/21	Penalty	21 2	Water		JULY PENALTY	0.00	5.44	1,335.78	
06/09/21	Penalty	21 2	Sewer		JUNE PENALTY	0.00	7.60	1,330.34	
06/09/21	Penalty	21 2	Sewer		MAY PENALTY	0.00	7.60	1,322.74	
06/09/21	Penalty	21 2	Water		JUNE PENALTY	0.00	5.44	1,315.14	
06/09/21	Penalty	21 2	Water		MAY PENALTY	0.00	5.44	1,309.70	
05/01/21	Bill	21 2	Sewer	S01	56417617	759.85		1,304.26	
05/01/21	Bill	21 2	Water	SAF		1.00		544.41	
05/01/21	Bill	21 2	Water	MFW		12.50		543.41	
05/01/21	Bill	21 2	Water	W01	56417617	530.91		530.91	
11/09/20	Payment	21 1	Sewer	S01 CK 9666533		129.60-	0.00	0.00	
11/09/20	Payment	21 1	Water	W01 CK 9666533		136.63-	0.00	129.60	
11/01/20	Bill	21 1	Sewer	S01	56417617	129.60		266.23	
11/01/20	Bill	21 1	Water	SAF		1.00		136.63	
11/01/20	Bill	21 1	Water	MFW		12.50		135.63	
11/01/20	Bill	21 1	Water	W01	56417617	123.13		123.13	
06/01/20	Payment	20 2	Sewer	S01 CK		32.40-	0.00	0.00	
06/01/20	Payment	20 2	Water	W01 CK		79.99-	0.00	32.40	
05/01/20	Bill	20 2	Sewer	S01	56417617	32.40		112.39	
05/01/20	Bill	20 2	Water	SAF		1.00		79.99	
05/01/20	Bill	20 2	Water	MFW		12.50		78.99	
05/01/20	Bill	20 2	Water	W01	56417617	66.49		66.49	
11/18/19	Payment	20 1	Sewer	S01 CK 2553351518		39.50-	0.00	0.00	
11/18/19	Payment	20 1	Water	W01 CK 2553351518		83.32-	0.00	39.50	
11/01/19	Bill	20 1	Sewer	S01	56417617	39.50		122.82	
11/01/19	Bill	20 1	Water	SAF		1.00		83.32	
11/01/19	Bill	20 1	Water	MFW		12.50		82.32	
11/01/19	Bill	20 1	Water	W01	56417617	69.82		69.82	
05/31/19	Payment	19 2	Sewer	S01 CK 2531855633		7.90-	0.00	0.00	
05/31/19	Payment	19 2	Water	W01 CK 2531855633		13.50-	0.00	7.90	
05/01/19	Bill	19 2	Sewer	S01	56417617	7.90		21.40	
05/01/19	Bill	19 2	Water	SAF		1.00		13.50	
05/01/19	Bill	19 2	Water	MFW		12.50		12.50	
05/01/19	Bill	19 2	Water	W01	56417617	62.87		0.00	

Water Leak Adjustment Request

February 2022

For May 2021 Billing Period

ADDRESS	UNADJUSTED BILL				REASON	EXCEEDS PREVIOUS TWO BILLS BY 33%	AVERAGE OF PREVIOUS TWO COMPARABLE BILLS				RECALCULATED PER "1 in 10"				
	GALLONS	\$ WATER	\$ SEWER	\$ TOTAL			GALLONS	\$ WATER	\$ SEWER	\$ TOTAL	"EXCESSIVE WATER USED"	ADJUSTED CONSUMPTION (unadjusted gallons less excessive water used)	\$ WATER	\$ SEWER	\$ TOTAL
170 Flanders Rd. (Account #39268020-0)	91,000	530.91	759.85	1,290.76	Leaking Toilet	yes	2,500	59.31	20.88	80.19	44,250	46,750	294.22	20.88	315.10

The calculation for adjustment to the water bill is based on the historical average of the last two comparable billing periods.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

The water bill adjustment for excessive use shall be calculated by taking the average amount of water used during the preceding two comparable billing periods and then subtracting that amount from the amount of water used during the excessive billing period. One-half of the resulting figure shall be the "excessive water" used. The "excessive water" used is subtracted from the unadjusted water use to get the adjusted consumption. Sewer Consumption was calculated in a similar manner.

2020-2021	Water Rate	65.41	+	4.82	per 1000 gallons	or	5.32	per 1000 gallons if over 40,000 gallons in six-month period							
2020-2021	Sewer Rate			8.35	per 1000 gallons										

ATTACHMENT B
APPROVAL OF BILLS

EAST LYME WATER & SEWER COMMISSION

March 22, 2022

- | | | |
|--|-------------------------------|-----------|
| 1. Well 1A/6 Treatment Project | | |
| a. | US Bank Invoice No. 804458200 | \$ 500.00 |
| b. | | \$ |
|
2. Meter Replacement Project | | |
| a. | | \$ |
| b. | | \$ |
| c. | | \$ |
|
3. SCADA/Telemetry Improvements | | |
| a. | | \$ |
|
4. Booster Station Upgrades | | |
| a. | | \$ |
| b. | | \$ |
|
5. Water Main Improvements | | |
| a. | | \$ |

EAST LYME WATER & SEWER COMMISSION
MAR 22 2022
AGENDA # <u>5</u>



Corporate Trust Services
EP-MN-WN3L
60 Livingston Ave.
St. Paul, MN 55107

Invoice Number: 6432971
Account Number: 804458200
Invoice Date: 02/17/2022
Direct Inquiries To: ALICIA PELLETIER
Phone: 860-241-6835

TOWN OF EAST LYME
ATTN ANNA JOHNSON
108 PENNSYLVANIA AVENUE
EAST LYME, CT 06357

TOWN OF EAST LYME, CONNECTICUT PROJECT LOAN OBLIGATION DWSRF 2020-7084 \$4,949,596.61
DATED FEBRUARY 28, 2022

The following is a statement of transactions pertaining to your account. For further information, please review the attached.

STATEMENT SUMMARY

PLEASE REMIT BOTTOM COUPON PORTION OF THIS PAGE WITH CHECK PAYMENT OF INVOICE.

TOTAL AMOUNT DUE

\$500.00

All invoices are due upon receipt.

RECOMMENDED FOR PAYMENT

DIRECTOR PUBLIC WORKS

APPROVED FOR PAYMENT

CHAIRMAN

EAST LYME WATER & SEWER COMMISSION

Please detach at perforation and return bottom portion of the statement with your check, payable to U.S. Bank.

TOWN OF EAST LYME, CONNECTICUT PROJECT
LOAN OBLIGATION DWSRF 2020-7084 \$4,949,596.61
DATED FEBRUARY 28, 2022

Invoice Number: 6432971
Account Number: 804458200
Current Due: \$500.00
Direct Inquiries To: ALICIA PELLETIER
Phone: 860-241-6835

Wire Instructions:

U.S. Bank
ABA # 091000022
Acct # 1-801-5013-5135
Trust Acct # 804458200
Invoice # 6432971
Attn: Fee Dept St. Paul

Please mail payments to:

U.S. Bank
CM-9690
PO BOX 70870
St. Paul, MN 55170-9690

EAST LYME
WATER & SEWER COMMISSION

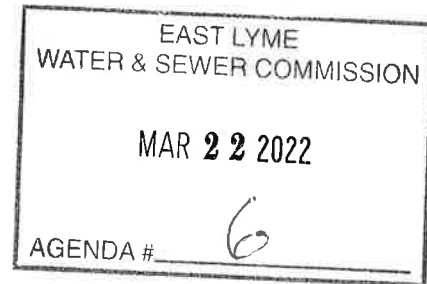
MAR 22 2022

AGENDA #



Memo

To: Kevin A. Seery, First Selectman
Water & Sewer Commission
Joseph Bragaw, Public Works Director
Benjamin M. North, Utility Engineer
From: Anna M. Johnson, Finance Director
Date: March 16, 2022
Re: Month End Reports – February 28, 2022



Water

The available cash balance in Water Operations at month end February 28, 2022 was \$2,049,450 of which \$165,265 is due to Sewer Operations compared to \$1,697,645 and \$120,427 respectively in 2021.

During the month of February, we received \$53,698 in revenues for a total fiscal year to date of \$1,955,856 or 58.13% of the budgeted amount compared to \$42,862 and \$2,031,970 or 57.95% for fiscal year ended June 30, 2021. In February we billed \$17,453 for Prison use compared to \$26,410 in February 2021.

Total water operating expenditures for the month of February were \$203,217 of the amount budgeted compared to \$261,910 for fiscal year ended June 30, 2021. The percent of budget expended is 57% compared to 60% for 2021. During the month of February we paid \$39,498 for meter installations, \$27,085 for maintenance of wells, \$17,340 for chemicals and \$26,950 for capitol projects.

Sewer

The available cash balance in Sewer Operations at month end February 28, 2022 was \$654,044 compared to \$455,427 in February 2021. In addition Water Operations owes Sewer Operations \$165,265. During the month of February, we received \$35,098 in revenues for a total fiscal year to date of \$1,280,330 or 56.61% of the budgeted amount compared to \$33,102 and \$1,237,476 or 57.09% for fiscal year ended June 30, 2021. In February we billed \$35,098 for Prison use compared to \$30,857 in February 2021.

Total sewer operating expenditures for the month of February were \$90,238 of the amount budgeted compared to \$133,705 for fiscal year ended June 30, 2021. The percent of budget expended is 59% compared to 63% for 2021. During the month of February we expended \$13,480 for utilities and \$12,160 for chemicals.

Sewer Assessment

The available cash balance in Sewer Assessment Fund at month end February 28, 2022 was \$3,608,561 compared to \$2,508,975 in February 2021. During the month we received \$532,620 in Assessments and interest and there were no expenditure disbursements.

AMJ/nb

**Town of East Lyme
Water & Sewer Operations
February 2022 Budget Highlights**

Description	2/28/2022	2/28/2021	Increase (Decrease)
WATER			
Total Revenues	1,955,856	2,031,970	(76,114)
Prison Billing (month only)	17,453	26,410	(8,956)
Delinquent Interest	7,322	9,364	(2,042)
Benefit Charges	46,800	36,550	10,250
Assessment Charges	3,300	7,623	(4,323)
Connection Charges	22,000	14,000	8,000
Misc/Turn On-Off Fees	10,280	7,690	2,590
Lease Rental	35,003	44,443	(9,440)
Private Hydrant Fees	37,750	30,375	7,375
Town Fire Hydrant	52,150	47,408	4,742
 Total Expenditures	 1,814,417	 1,836,654	 (22,237)
SEWER			
Total Revenues	1,280,330	1,237,476	42,854
Prison Billing (month only)	35,098	30,857	4,241
 Total Expenditures	 1,130,583	 1,234,395	 (103,812)
Treatment Plant/System	412,568	436,991	(24,423)
Utilities	100,954	92,566	8,388
Chemicals	61,300	74,280	(12,980)

Request for Water & Sewer Commission

TO: Water & Sewer Commission

FROM: Anna M. Johnson, Finance Director

DATE: March 15, 2022

SUBJECT: Reclassify Expenditure PMI \$35,834.82 - Water Meter Project

Summary of Agenda Item:

When going through the process of executing the Permanent Funding Obligation with the State of Connecticut for the Water Meter Project, we audited expenditures charged to the project. We noted an invoice from PMI in the amount of \$35,834.82 for meter installation services. These services were provided prior to the complaint that resulted in cease and desist of the installations. This invoice was approved for payment at the May 26, 2020 W & S Commission Meeting. To resolve this issue, we recommend that this expenditure be reclassified to the funding available in the Bonded Capital Projects Fund.

Action Needed:

Move to reclassify the \$35,834.82 PMI expenditure from account 62-70-010-500-001 (Water Meters – Commercial & Residential) to account 62-70-006-300-001 (Miscellaneous Owner Expenditures). In addition, approve a transfer in the amount of \$35,834.82 from account 62-70-006-500-006 (Emergency Power Generator/Well Imp) to 62-70-006-300-001 (Miscellaneous Owner Expenditures).

Attachments:

None.

Prepared By: Anna Johnson, Finance Director

<p>W&S Agenda Item No. <u>7</u> Date: 3/17/2022</p>
--

Proposed FY 22-23 Sewer Budget Assumptions/Comments

Operating Budget Expenditures

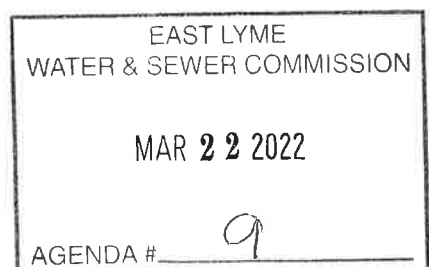
- **Vehicle Lease Payment – 200-100-007** – the Department is in need of a service truck that can help the maintenance staff pick up large equipment and parts with the truck crane. Presently, the sewer mechanic is driving a 2006 pickup that is in very rough shape and isn't ideal for their working conditions. Another option would be to take the cost of this vehicle out of the sewer assessment.
- **Salaries – Field Personnel – 300-100-101** – the union contract expires in June of 2022 and we need to anticipate the value of the new contract rates. We also had an employee leave this year and we had to bump up the starting rate of the new employee to insure we brought in the proper skill sets to the Department.
- **Treatment Plan & Sys Fee – 300-610-210** – this is the biggest line item in the Sewer budget and I am still trying to assess what that number needs to be. Our flows have been up over the last year and I have been told from NL that we should expect between 8-10% increase in the plant costs. NL and Waterford's costs make up 37% of the total budget cost.
- **Maintenance of Pump Sta Equip – 300-610-215 & Maintenance of Wet Wells – 300-610-217** – Both of these line items will need to be increased to keep up with rising costs.
- **Fuel Oil & Gas – 300-610-235** – Next year's cost of unleaded, diesel and fuel oil is rising significantly so we need to add extra funds to keep up with it.
- **Chemicals – 300-610-240** – We have increased this line item by 5% to keep up with rising costs of the chemicals.
- **Legal & Accounting – 400-200-140** – I was able to reduce this line item by \$7,000 as we should have less then expected legal bills since the tri-town and bi-town agreements will be done.

The total proposed budget increase is \$191,343 or 8.47%. Of the total, \$134k is to cover the increase in NL and Waterford conveyance and treatment costs and \$57k is for increases in other operating line items.

Operating Budget Revenues

- We should also increase our interest rate from 12% to the same as the town 18%.

With the proposed operating budget, I am anticipating the need for a rate increase of xx % at the October 2022 rate hearing.



EAST LYME SEWER DEPT

PROPOSED FY 21-22 OPERATING BUDGET - EXPENDITURES

Account Description	Acct #	Actual FY 19-20	Actual FY 20-21	Cur. Bdgt FY 21-22	Proj EOY FY 21-22	Prop Budget FY 22-23	Diff w/FY21-22 Bdgt	
							Amt	%
FICA/Medicare	114-100-121	\$ 38,400	\$ 40,184	\$ 42,000	\$ 41,316	\$ 42,600	\$ 600	1.43%
Vehicle - lease Payment	200-100-006	\$ 28,688	\$ 28,529	\$ 28,558	\$ 28,558	\$ 58,558	\$ 30,000	105.05%
Salaries - Field Personnel	300-100-101	\$ 265,328	\$ 239,956	\$ 289,800	\$ 279,813	\$ 308,200	\$ 18,400	6.35%
Field OT	300-100-102	\$ 47,900	\$ 56,245	\$ 56,000	\$ 51,044	\$ 58,500	\$ 2,500	4.46%
Personnel Benefits	300-100-122	\$ 90,600	\$ 45,542	\$ 155,500	\$ 138,530	\$ 149,200	\$ (6,300)	-4.05%
Treatment Plnt & Sys Fee	300-610-210	\$ 601,913	\$ 770,824	\$ 765,944	\$ 806,576	\$ 900,000	\$ 134,056	17.50%
Maint. of Pump St Equip	300-610-215	\$ 74,659	\$ 65,615	\$ 74,500	\$ 85,074	\$ 78,300	\$ 3,800	5.10%
Maint of Wet Wells	300-610-217	\$ 53,000	\$ 31,571	\$ 50,000	\$ 56,347	\$ 55,000	\$ 5,000	10.00%
Maint of System	300-610-220	\$ 16,961	\$ 32,049	\$ 10,000	\$ 12,688	\$ 11,000	\$ 1,000	10.00%
I/I Improvements	300-610-221	\$ -	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	0.00%
Materials & Supplies	300-610-225	\$ 9,766	\$ 12,226	\$ 10,200	\$ 12,200	\$ 10,500	\$ 300	2.94%
Utilities	300-610-230	\$ 165,196	\$ 157,605	\$ 160,650	\$ 160,650	\$ 162,000	\$ 1,350	0.84%
Telephones	300-610-231	\$ 5,317	\$ 6,450	\$ 5,900	\$ 5,900	\$ 5,900	\$ -	0.00%
Fuel Oil & Gas	300-610-235	\$ 22,019	\$ 19,379	\$ 21,800	\$ 20,121	\$ 30,800	\$ 9,000	41.28%
Chemicals	300-610-240	\$ 103,578	\$ 123,429	\$ 118,450	\$ 120,280	\$ 124,400	\$ 5,950	5.02%
O&M Exp	300-610-250	\$ 9,583	\$ 10,593	\$ 14,140	\$ 14,615	\$ 14,140	\$ -	0.00%
Maint of Vehicles	300-610-260	\$ 6,649	\$ 8,899	\$ 7,000	\$ 9,000	\$ 8,500	\$ 1,500	21.43%
Salaries - Admin	400-100-101	\$ 228,318	\$ 240,083	\$ 202,400	\$ 215,577	\$ 189,600	\$ (12,800)	-6.32%
Personnel Benefits	400-100-121	\$ 42,154	\$ 82,465	\$ -	\$ -	\$ -	\$ -	
Legal & Accounting	400-200-140	\$ 23,300	\$ 24,480	\$ 27,300	\$ 22,300	\$ 20,300	\$ (7,000)	-25.64%
Outside Services	400-200-210	\$ 9,656	\$ 22,957	\$ 17,600	\$ 18,055	\$ 20,600	\$ 3,000	17.05%
Insurance PDL	400-200-290	\$ 33,171	\$ 41,979	\$ 36,900	\$ 36,900	\$ 38,800	\$ 1,900	5.15%
Prof Development	400-300-243	\$ 264	\$ 150	\$ 1,100	\$ 1,100	\$ 1,200	\$ 100	9.09%
Supplies & Misc	400-300-320	\$ 1,887	\$ 1,797	\$ 2,100	\$ 2,307	\$ 2,200	\$ 100	4.76%
New Services/Projects	500-500-330	\$ 80,500	\$ -	\$ 80,500	\$ 80,500	\$ 80,500	\$ -	0.00%
Contingency	600-600-400	\$ 67,351	\$ 95,341	\$ 50,000	\$ 73,927	\$ 48,887	\$ (1,113)	-2.23%
Op Transfer Out	800-800-801	\$ -	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	0.00%
TOTAL EXPENSES		\$ 2,026,158	\$ 2,183,351	\$ 2,259,342	\$ 2,324,377	\$ 2,450,685	\$ 191,343	8.47%
				Minus Carryover from FY 20-21	\$ (57,928)		\$ 0	
				Proj Spending for FY 21-22 Budget	\$ 2,266,449			
				Over/(Under) Budget	\$ 7,107			

PROPOSED FY 21-22 OPERATING BUDGET - REVENUES

Account Description	Acct #	Actual FY 19-20	Actual FY 20-21	Cur. Bdgt FY 21-22	Proj EOY FY 21-22	Prop Budget FY 22-23	Diff FY 21-22	Diff FY 21-22
Metered Sewer Service	01-100-600	\$ 465,750	\$ 364,570	\$ 373,744	\$ 435,556	\$ 474,756	\$ 101,012	27.03%
Metered (Water) Sew. Serv	01-100-610	\$ 1,548,074	\$ 1,689,398	\$ 1,753,115	\$ 1,692,147	\$ 1,844,440	\$ 91,325	5.21%
Delinquent Int	01-100-621	\$ 5,179	\$ 7,053	\$ 7,650	\$ 4,500	\$ 7,650	\$ -	0.00%
Inspection Fees (Billed)	05-100-043	\$ 7,956	\$ -	\$ 2,600	\$ -	\$ -	\$ (2,600)	-100.00%
Maintenance Fees *	05-100-044	\$ 6,667	\$ 5,645	\$ 6,200	\$ 6,200	\$ 6,820	\$ 620	10.00%
Permits	05-100-550	\$ 4,215	\$ 5,780	\$ 6,800	\$ 4,000	\$ 6,800	\$ -	0.00%
Operating Transfers In	08-800-810	\$ 89,107	\$ 81,328	\$ 109,233	\$ 109,233	\$ 110,219	\$ 986	0.90%
TOTAL REVENUE		\$ 2,126,948	\$ 2,153,773	\$ 2,259,342	\$ 2,251,636	\$ 2,450,685	\$ 191,343	8.47%
TOTAL EXPENSES		\$ 2,026,158	\$ 2,183,351		\$ 2,266,449	\$ 2,450,685		
DIFFERENCE		\$ 100,790	\$ (29,578)		\$ (14,813)	\$ (0)		

EL SEWER DEPT - Vehicle Acquisition Program

Line Item # 06-01-200-100-007						* splnt 50/50 w/s	* splnt 50/50 w/ s						
Desc.	Pat W		Rick		New Flatbed Tr - PJ	valve ex & vac. tr	Ford Escape	Tim		Brian **		Vince	
Purch Yr	2015		2019		2020	2020	2020	2022		2024		2027	
Plate #	EL 45		EL 43		EL 35		Util Eng Veh	EL 39		EL 33		EL 45	
Total Cost					\$ 41,000	\$ 63,400	\$ 23,700	\$ 150,000		\$ 60,000		\$ 65,000	
Payment	\$ 853.89		\$ 881.99		\$ 750.00 \$ 707	\$ 571	\$ 213	\$ 2,500		\$ 1,120.00		\$ 1,230.00	
					\$ 1,491 \$ 1,491	\$ 1,141	\$ 426	*					
Int Rate					3.05% \$ 1,498	3.05%	3.05%	0.00%		4.50%		5.00%	

** new truck goes
to sewer foreman
el45 goes to brian

PAYMENTS										* borrow from sewer assessment fund			
FY	Pat W		Rick		New Flatbed Tr - PJ	valve ex & vac. tr	Ford Escape	Tim		Brian **		Vince	
15-16	\$ 10,247	12											
16-17	\$ 10,247	12											
17-18	\$ 10,247	12											
18-19	\$ 10,247	12	\$ 9,702	11									
19-20	\$ 1,708	2	\$ 10,584	12	\$ 16,397	11							
20-21			\$ 10,584	12	\$ 17,945	12							
21-22			\$ 10,584	12	\$ 17,974	12							
22-23			\$ 10,584	12	\$ 17,974	12			\$ 30,000	12			
23-24			\$ 882	1	\$ 17,974	12			\$ 30,000	12			
24-25					\$ 1,498	1			\$ 30,000	12	\$ 13,440	12	
25-26									\$ 30,000	12	\$ 13,440	12	
26-27									\$ 30,000	12	\$ 13,440	12	
27-28											\$ 13,440	12	\$ 14,760
28-29											\$ 13,440	12	\$ 14,760
	\$ 42,695	50	\$ 52,919	60	\$ 89,762	60		\$ 150,000	60	\$ 67,200	60	\$ 29,520	24

\$ 432,096

EXISTING SEWER DEPARTMENT VEHICLES

Plate #	Year	Make	Model	Veh #	Paid Off	Repl Yr	Purpose
EL33	2006	Chevy	Util Bdy	1	paid off	2024	Primarily used by Brian Webster
EL 35	2020	Ford	Util Bdy	2	2025	2032	Primarily used by PJ Levanti
EL39	2006	Chevy	Pickup	3	paid off	2022	Primarily used by Tim K. - looking to replace with a service truck
EL42	1994	Int.	Jetter	4	paid off		Used sporadically to clean out sewer lines
EL43	2019	Ford	F350 PU	5	2024	2031	Used by Utility Superintendent - Rick Pape
EL45	2015	GMC	Sierra	6	paid off	2027	Primarily used by Vince Bartelli - assuming Vince moves into Pat's current truck

Proposed FY 22-23 Water Budget Assumptions/Comments

Operating Budget Expenditures

- **FICA/Medicare – 114-100-121** – there is a lot of upward pressure on salary lines and also approx. \$13k of this increase is for the temp meter installers
- **Bonds/Principal – 300-200-201** - This is the biggest debt spike in this coming year from \$252,957 to \$765,127 (a \$512,170 increase year to year). See the debt schedule for a detailed look at the debt. We have been putting away \$ the last two fiscal years to help pay for this spike.
- **Meter Rep Project – 200-200-202** – We will be able to drop this line item in next year's budget because in this year (FY 21-22) we had to pay the balloon payment of 1/20 of the total cost of the loan in year 1. As you are aware, we had to change our course in the way we did the meter installation project, instead of paying a contractor and having that cost amortized over 20 years, we have hired additional staff to expedite the work into an 18-month period. Because of this, our future loan payment is approximately \$39k less per year for the next 19 years. We are proposing \$105k for this line of which \$95k would cover the loan and an additional \$10k would cover expenses for this operation
- **State Assessment Fee – 300-300-301** - We no longer have to pay the State a State Assessment fee so that was taken out of the budget.
- **Communications Equipment – 300-390-397** – The reason for this increase is that we now have 5 Flex Net antennas which each have a modem with a monthly service cost.
- **Bond Interest – 300-400-427** – As part of the debt spike above, we have a spike in interest as well in the coming year. See the debt schedule for a detailed look at the interest payments for the coming year.
- **Meter Deposit Reimbursements – 300-600-610** - We are eliminating the line item for meter deposit reimbursements as we are almost done with reimbursing all of the deposits. Next year all that we will have left is mostly paying the interest. This will be taken out of the remaining funds in the meter deposit account.
- **Fuels – 300-620-622** – Due to the recent soaring prices in fuel, we had to increase this line item to cover those projected increased costs
- **Power – 300-620-623** – We are trending this current year to finish at around \$308 so I increased next year's budget to \$310k to make sure we cover these increases.
- **Chemicals – 300-640-641** - We are trending this current year to finish at around \$301k so I increased next year's budget to \$302k to make sure we cover these increases.
- We are consolidating a few line items;
 - **Maintenance of Wells – 300-610-614 & Maintenance of Treatment Equipment – 300-650-652** - We are getting rid of the maint of treatment equip line and including it in the maintenance of wells account. Those two accounts totaled \$79,300 this current year and I am proposing \$84,300 for next year's line. The

wells are our most important infrastructure item, so we needed to add some money here to keep up on their maintenance.

- **Maintenance of Pumping Equipment - 300-630-633 & Maintenance of Booster Pumping Station -300-630-631** - We are also getting rid of the maintenance of pumping equipment and adding it to Maintenance of Booster Pumping Station as they are basically the same thing. Those two accounts totaled \$35,000 this current year and I am proposing \$40,000 for next year's line.
- **Maintenance of Storage Tanks – 300-670-672, Maintenance of Services – 300-670-675 & Maintenance of Transmission & Distribution – 300-670-673** - The final consolidation is getting rid of Maintenance of Storage Tanks and Maintenance of Services and putting all those funds into Maintenance of Trans. & Dist. Those three accounts totaled \$48,000 this current year and I am proposing \$60,000 for next year's line.
- **Safety Equipment & Training – 300-660-666** – This line item increased by \$3,000 to cover increased costs for required training, safety shoes, shirts and PPE.
- **Customer Records & Collection – 300-900-903** – The main reason for this increase is to cover the \$16,500 new cost of the annual maintenance on the Flex Net system.
- **Admin Asst Salary/ Field Salaries – 300-920-201 & 300-920-204** – The reasons for the large % increases in these two line items is that the union contract expires in June of 2022 and we need to anticipate the value of the new contract rates. We also had a maintainer 2 leave this year and filled the position with a Maintainer 4 which increased next year's line by \$12k alone.
- **Field OT – 300-920-205** – The biggest increase in this line item is having treatment worker on call for the wells on all weekends and holidays. This used to be covered by the distribution workers, but we are trying to separate the distribution function from the treatment function as they are different skill sets.
- **Temp Meter Installers – new line item** - we need to carry the cost of the meter installers in this next year's budget. I have added a line item for Temp Meter Installers for \$166,400 which covers carrying 4 meter installers.
- **Interconnection – 300-920-220** – We had to rely on the interconnect heavily when we were doing the Well 1A/6 Filtration project but with the finish of that project and the redevelopment of Well 5, we are expecting to only take the minimum amount of water of 15.7M gallons next year which allowed us to reduce this line item by approx. \$22k.
- **Outside Services – 300-920-230** – The main increases in this line item were for the increased cost of sampling and water testing
- **Employee Benefits & Pension – 300-920-260** – The reason this line item didn't go up is because some of the new employees that have come on board in the last year have either waived the insurance or have a lesser plan. This offsets the increased costs of everyone else's plans.

- **Vehicle Acquisition Plan – 300-930-323** – We are proposing replacing one pickup truck in the coming year. See a detailed breakdown of the vehicle acquisition plan attached with this report.
- **Capitol Projects** – 300-930-325 – This line was meant to fund capitol projects like the Well 5 redevelopment. Because this project was funded by the Town's American Rescue Funds, we are able to trim this line back to \$10,000 to help lower the budget

The total proposed budget increase is \$485,818 or 13.35%; however, \$624,814 is because of the principal and interest payments of the debt spike so the actual operating budget is going down by \$138,996.

Operating Budget Revenues

- We built up retained earnings of \$826,200 over the last two fiscal years (FY 19-20 & FY 20-21) to cover future debt spikes. What this means is that we spent \$826,200 less than we took in revenues. We will need to dip into this during this current year (estimated 196k) and would need to budget \$492,297 to use for this fiscal year to help balance the budget. Attached with this analysis is the 10 year plan that shows the use of retained earnings balanced over the coming years.
- We should also increase our interest rate from 12% to the same as the town 18%.

With the proposed operating budget, I am anticipating the need for a rate increase of 3.5% at the October 2022 rate hearing. This is needed to help finish the projects that we have started and to keep up with steep inflationary pressures.

EAST LYME WATER DEPT
OPERATING REVENUES - PAST, PRESENT & 10 YEAR FUTURE

Account Description	Acct #	Actual FY 19-20	Actual FY 20-21	Cur. Bdgt FY 21-22	Proj EOY FY 21-22	Escal-ation	Prop Budget FY 22-23	Diff from FY 21-22	Yr 3 FY 23-24	Yr 4 FY 24-25	Yr 5 FY 25-26	Yr 6 FY 26-27	Yr 7 FY 27-28	Yr 8 FY 28-29	Yr 9 FY 29-30	Yr 10 FY 30-31	Yr 10 FY 31-32	10 Yr Total	COMMENTS
prisons		\$ 470,349	\$ 306,704	\$ 333,670	\$ 268,374		\$ 277,209	\$ (56,461)	\$ 286,911	\$ 296,953	\$ 304,377	\$ 315,030	\$ 326,056	\$ 337,468	\$ 349,280	\$ 361,504	\$ 374,157	\$ 3,066,702	
town billing		\$ 2,550,550	\$ 2,660,064	\$ 2,682,034	\$ 2,651,683		\$ 2,750,284	\$ 68,250	\$ 2,846,544	\$ 2,946,173	\$ 3,049,289	\$ 3,125,521	\$ 3,234,914	\$ 3,348,136	\$ 3,465,321	\$ 3,586,607	\$ 3,712,139	\$ 31,072,723	
inc rev. from new meters				\$ -		2.0%	\$ 55,006		\$ 56,931	\$ 58,923	\$ 8,598	\$ 62,510	\$ 64,698	\$ 66,963	\$ 69,306	\$ 71,732	\$ 74,243	\$ 514,668	
meter service fee		\$ -	\$ 165,475	\$ 165,475	\$ 165,475		\$ 178,713	\$ 13,238	\$ 185,332	\$ 191,951	\$ 198,570	\$ 205,189	\$ 211,808	\$ 218,427	\$ 225,046	\$ 231,665	\$ 238,284	\$ 2,025,414	
		\$ 3,020,899	\$ 3,132,243	\$ 3,181,179	\$ 3,085,532		\$ 3,261,211	\$ 25,027	\$ 3,375,718	\$ 3,494,000	\$ 3,560,834	\$ 3,708,251	\$ 3,837,477	\$ 3,970,994	\$ 4,108,953	\$ 4,251,509	\$ 4,398,822	\$ 36,679,506	
																		\$ -	
Intergovt Rev	01-100-402	\$ (176)	\$ 774	\$ -				\$ -										\$ 148,000	
Deliq Int - water service	01-100-404	\$ 10,240	\$ 13,222	\$ 13,000	\$ 11,000		\$ 15,000	\$ 2,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ -	
SUBTOTAL		\$ 3,030,963	\$ 3,146,240	\$ 3,194,179	\$ 3,096,532		\$ 3,276,211	\$ 82,032	\$ 3,390,718	\$ 3,509,000	\$ 3,575,834	\$ 3,723,251	\$ 3,852,477	\$ 3,985,994	\$ 4,123,953	\$ 4,266,509	\$ 4,413,822	\$ 36,882,512	
Benefits Charge	02-200-401	\$ 22,700	\$ 49,700	\$ 28,900	\$ 52,000		\$ 50,000	\$ 21,100	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 523,100	
Assessments Charge	02-200-402	\$ 6,086	\$ 7,053	\$ 8,000	\$ 6,000		\$ 8,000	\$ -	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 8,000	\$ 78,000	
Lien Fees - Ass/Conn	02-200-403	\$ 24	\$ 24	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100	\$ 100	\$ 100	
Deliq Int - Ass/Conn	02-200-404	\$ 838	\$ 1,337	\$ 2,000	\$ 1,500		\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 3,000	\$ 3,000	\$ 20,500	
Connection Charges	02-200-405	\$ 25,000	\$ 20,000	\$ 22,000	\$ 32,000	3.50%	\$ 30,000	\$ 8,000	\$ 31,100	\$ 32,200	\$ 33,400	\$ 33,400	\$ 34,600	\$ 34,600	\$ 35,900	\$ 35,900	\$ 37,200	\$ 341,100	
Sewer Portion of meters	02-200-407	\$ 80,500	\$ -	\$ 80,500	\$ 80,500		\$ 80,500	\$ -	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 80,500	\$ 805,000	
SUBTOTAL		\$ 135,148	\$ 78,114	\$ 141,400	\$ 172,000		\$ 170,500	\$ 29,100	\$ 171,600	\$ 172,700	\$ 173,900	\$ 173,900	\$ 175,100	\$ 175,100	\$ 176,400	\$ 177,500	\$ 178,800	\$ 1,767,800	
Private Hydrant fees	05-100-462	\$ 27,305	\$ 30,375	\$ 30,983	\$ 37,750	3.50%	\$ 39,071	\$ 8,088	\$ 40,439	\$ 41,854	\$ 42,900	\$ 44,402	\$ 45,956	\$ 47,564	\$ 49,229	\$ 50,214	\$ 51,218	\$ 447,468	
Town Fire Hydrant Fees	05-100-463	\$ 43,098	\$ 47,408	\$ 52,149	\$ 52,149	10%	\$ 57,364	\$ 5,215	\$ 63,100	\$ 69,410	\$ 76,400	\$ 76,400	\$ 76,400	\$ 76,400	\$ 76,400	\$ 76,400	\$ 76,400	\$ 705,638	
Misc/turn off/on fees	05-100-471	\$ 24,235	\$ 24,851	\$ 25,000	\$ 25,000	3.5%	\$ 30,000	\$ 5,000	\$ 31,050	\$ 32,137	\$ 33,262	\$ 34,426	\$ 35,631	\$ 36,878	\$ 38,168	\$ 39,504	\$ 40,887	\$ 341,055	
Inspection Fees	05-100-472	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
SUBTOTAL		\$ 94,638	\$ 102,634	\$ 108,132	\$ 114,899		\$ 126,435	\$ 18,303	\$ 134,589	\$ 143,401	\$ 152,562	\$ 155,228	\$ 157,987	\$ 160,842	\$ 163,798	\$ 166,118	\$ 168,505	\$ 1,494,162	
Lease Rental	08-800-472	\$ 49,976	\$ 68,162	\$ 60,219	\$ 60,219		\$ 60,519	\$ 300	\$ 60,519	\$ 60,519	\$ 60,519	\$ 64,155	\$ 64,155	\$ 64,155	\$ 64,155	\$ 64,155	\$ 64,155	\$ 623,370	
Use of ret. Earm - Cap	08-900-002	\$ -	\$ -	\$ 136,214	\$ -		\$ 492,297	\$ 356,083	\$ -	\$ 93,547	\$ 103,169	\$ 23,894	\$ -					\$ 1,068,990	
SUBTOTAL		\$ 49,976	\$ 68,162	\$ 196,433	\$ 60,219		\$ 552,816	\$ 356,383	\$ 60,519	\$ 154,066	\$ 163,688	\$ 88,049	\$ 64,155	\$ 64,155	\$ 64,155	\$ 64,155	\$ 64,155	\$ 1,692,360	
Total Actual Revenue		\$ 3,310,725	\$ 3,395,149	\$ 3,640,144	\$ 3,443,650		\$ 4,125,963	\$ 485,819	\$ 3,757,426	\$ 3,979,167	\$ 4,065,983	\$ 4,140,427	\$ 4,249,718	\$ 4,386,091	\$ 4,528,306	\$ 4,674,282	\$ 4,829,597	\$ 41,836,833	
Budgeted Revenue		\$ 3,351,439	\$ 3,418,468		\$ 3,640,144														
Diff - Bud/Actual - (under)/over		\$ (40,714)	\$ (23,319)		\$ (196,494)				\$ (368,537)										
TOTAL EXPENSES		\$ 2,862,261	\$ 3,017,413	\$ 3,640,144	\$ 3,675,416		\$ 4,125,963		\$ 3,660,453	\$ 3,979,168	\$ 4,065,983	\$ 4,140,428	\$ 4,211,386	\$ 4,107,257	\$ 4,184,724	\$ 4,111,015	\$ 4,208,642	\$ 40,261,794	
Diff (under)/over - Ret Earnings		\$ (448,464)	\$ (377,736)		\$ 231,766		\$ -		\$ (96,973)	\$ 0	\$ (0)	\$ 0	\$ (38,332)	\$ (278,834)	\$ (343,582)	\$ (563,267)	\$ (620,956)		
Cum Debt Reserve		\$ (448,464)	\$ (826,200)		\$ (594,434)		\$ (102,137)		\$ (199,110)	\$ (105,563)	\$ (2,394)	\$ 21,500	\$ (16,832)	\$ (295,666)					
Prison Usage inc/(dec) base of 100%				100%			100%		100%	100%	100%	100%	100%	100%	100%	100%	100%		
Town Usage inc/(dec) base of 100%				100%			100%		100%	100%	100%	100%	100%	100%	100%	100%	100%		
RATES																			
New Rate Year		11/19	11/20	11/21			11/22												
Rate Change (dec)/increase		2.0%	2.00%	2.75%	3.50%	Target	3.50%												
Min charge < 3,500 gal		\$ 64.13	\$ 65.41	\$ 67.21			\$ 69.56												
< 40k gal > 6 mo per	/1,000 gal	\$ 4.72	\$ 4.82	\$ 4.96			\$ 5.13												
< 675k gal > 6 mo per	/1,000 gal	\$ 5.21	\$ 5.32	\$ 5.47			\$ 5.66												
< 2.5M gal > 6 mo per	/1,000 gal	\$ 5.69	\$ 5.81	\$ 5.97			\$ 6.18												
>2.5M gal > 6 mo per	/1,000 gal	\$ 6.86	\$ 7.00	\$ 7.19			\$ 7.44												
Meter Service Fee	/cust/year	\$ 25.00	\$ 25.00	\$ 26.00			\$ 27.00												
State Assessment Fee	/cust/year	\$ 2.00	\$ 2.00	\$ 2.00			\$ -												
% inc in MSF							8.00%		3.70%	3.57%	3.45%	3.33%	3.23%	3.13%	3.03%	2.94%	2.86%		

in about FY 22-23 we would like to move to quarterly billing

11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	11/31
3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
\$ 72.00	\$ 74.52	\$ 76.38	\$ 79.05	\$ 81.82	\$ 84.68	\$ 87.65	\$ 90.72	\$ 93.89
\$ 5.31	\$ 5.50	\$ 5.64	\$ 5.83	\$ 6.04	\$ 6.25	\$ 6.47	\$ 6.69	\$ 6.93
\$ 5.86	\$ 6.06	\$ 6.22	\$ 6.43	\$ 6.66	\$ 6.89	\$ 7.13	\$ 7.38	\$ 7.64
\$ 6.39	\$ 6.62	\$ 6.78	\$ 7.02	\$ 7.27	\$ 7.52	\$ 7.79	\$ 8.06	\$ 8.34
\$ 7.70	\$ 7.97	\$ 8.17	\$ 8.46	\$ 8.76	\$ 9.06	\$ 9.38	\$ 9.71	\$ 10.05
\$ 28.00	\$ 29.00	\$ 30.00	\$ 31.00	\$ 32.00	\$ 33.00	\$ 34.00	\$ 35.00	\$ 36.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

EAST LYME WATER DEPT
OPERATING EXPENDITURES - PAST, PRESENT & 10 YEAR FUTURE



Account Description	Acct #	Actual FY 19-20	Actual FY 20-21	Cur. Bdgt FY 21-22	Proj EOY FY 21-22	Escal-ation	Prop Budget FY 22-23	Diff from FY 21-22	Yr 2 FY 23-24	Yr 3 FY 24-25	Yr 4 FY 25-26	Yr 5 FY 26-27	Yr 6 FY 27-28	Yr 7 FY 28-29	Yr 8 FY 29-30	Yr 9 FY 30-31	Yr 10 FY 31-32	10 Yr Total	COMMENTS
FICA/Medicare	114-100-121	\$ 59,940	\$ 65,400	\$ 71,700	\$ 74,435		\$ 88,230	\$ 16,530	\$ 77,800	\$ 80,200	\$ 82,700	\$ 85,200	\$ 87,800	\$ 90,500	\$ 93,300	\$ 96,100	\$ 99,000	\$ 880,830	
Bonds/Principal	300-200-201	\$ 312,564	\$ 258,749	\$ 252,957	\$ 252,957		\$ 765,127	\$ 512,170	\$ 564,083	\$ 708,831	\$ 708,593	\$ 725,373	\$ 728,167	\$ 535,978	\$ 527,806	\$ 359,650	\$ 341,008	\$ 5,964,612	
Meter Rep Project	300-200-202	\$ 14,670	\$ 11,648	\$ 249,410	\$ 280,410		\$ 105,000	\$ (144,410)	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 94,947	\$ 959,526	
State Assessment Fee	300-300-301	\$ 11,198	\$ 11,200	\$ 11,424	\$ -		\$ -	\$ (11,424)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
New Services	300-340-345	\$ 7,125	\$ 3,999	\$ 7,700	\$ 11,200	3.00%	\$ 8,000	\$ 300	\$ 8,300	\$ 8,600	\$ 8,900	\$ 9,200	\$ 9,500	\$ 9,800	\$ 10,100	\$ 10,500	\$ 10,900	\$ 93,800	
New Meters	300-340-346	\$ 5,000	\$ 3,103	\$ 5,100	\$ 5,680	2.00%	\$ 5,500	\$ 400	\$ 5,500	\$ 5,700	\$ 5,900	\$ 6,100	\$ 6,300	\$ 6,500	\$ 6,700	\$ 6,900	\$ 7,100	\$ 62,200	
Tools & Equip	300-390-394	\$ 9,951	\$ 7,061	\$ 8,200	\$ 10,664	3.00%	\$ 9,000	\$ 800	\$ 9,200	\$ 9,500	\$ 9,800	\$ 10,100	\$ 10,500	\$ 10,900	\$ 11,300	\$ 11,700	\$ 12,100	\$ 104,100	
Communications Equip	300-390-397	\$ 5,141	\$ 6,604	\$ 4,700	\$ 7,212	2.00%	\$ 8,500	\$ 3,800	\$ 8,600	\$ 8,700	\$ 8,800	\$ 8,900	\$ 9,000	\$ 9,100	\$ 9,200	\$ 9,300	\$ 9,400	\$ 89,500	
Bonds Interest	300-400-427	\$ 63,110	\$ 212,852	\$ 141,805	\$ 141,805		\$ 254,449	\$ 112,644	\$ 113,605	\$ 97,773	\$ 78,559	\$ 59,216	\$ 39,901	\$ 25,100	\$ 15,543	\$ 10,518	\$ 8,987	\$ 703,652	
OperatingTransfers Out	300-500-520	\$ 59,002	\$ 60,477	\$ 62,500	\$ 62,500	3.00%	\$ 63,250	\$ 750	\$ 65,200	\$ 67,200	\$ 69,300	\$ 71,400	\$ 73,600	\$ 75,900	\$ 78,200	\$ 80,600	\$ 83,100	\$ 727,750	
Payment to SAF	300-500-521	\$ 40,000	\$ 50,000	\$ 35,000	\$ 71,294		\$ 35,000	\$ -	\$ 35,000	\$ 35,000	\$ 45,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 450,000	
Meter Deposit Reimb	300-600-610	\$ 89,999	\$ -	\$ 152,000	\$ 107,300		\$ -	\$ (152,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Maint. of Wells	300-610-614	\$ 59,828	\$ 92,183	\$ 61,800	\$ 87,678	3.00%	\$ 84,300	\$ 22,500	\$ 86,900	\$ 89,600	\$ 92,300	\$ 95,100	\$ 98,000	\$ 101,000	\$ 104,100	\$ 107,300	\$ 110,600	\$ 969,200	
Fuels	300-620-622	\$ 32,408	\$ 28,027	\$ 34,900	\$ 31,469	3.00%	\$ 38,900	\$ 4,000	\$ 40,100	\$ 41,400	\$ 42,700	\$ 44,000	\$ 45,400	\$ 46,800	\$ 48,300	\$ 49,800	\$ 51,300	\$ 448,700	
Power	300-620-623	\$ 282,198	\$ 299,687	\$ 290,700	\$ 308,382	2.00%	\$ 310,000	\$ 19,300	\$ 316,200	\$ 322,600	\$ 329,100	\$ 335,700	\$ 342,500	\$ 349,400	\$ 356,400	\$ 363,600	\$ 370,900	\$ 3,396,400	
Maint. Of Pumping Sta.	300-630-631	\$ 19,451	\$ 17,038	\$ 17,500	\$ 17,500	3.00%	\$ 40,000	\$ 22,500	\$ 41,200	\$ 42,500	\$ 43,800	\$ 45,200	\$ 46,600	\$ 48,000	\$ 49,500	\$ 51,000	\$ 52,600	\$ 460,400	
Maint of Pumping Equip	300-630-633	\$ 11,761	\$ 4,926	\$ 17,500	\$ 29,165	3.00%	\$ -	\$ (17,500)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Chemicals	300-640-641	\$ 240,590	\$ 229,198	\$ 267,800	\$ 301,319	3.00%	\$ 302,000	\$ 34,200	\$ 311,100	\$ 320,500	\$ 330,200	\$ 340,200	\$ 350,500	\$ 361,100	\$ 372,000	\$ 383,200	\$ 394,700	\$ 3,465,500	
Maint. Of Tr. Equip	300-650-652	\$ 17,000	\$ 15,373	\$ 17,500	\$ 19,627	3.00%	\$ -	\$ (17,500)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Misc Maps & Records	300-660-665	\$ 672	\$ 4,260	\$ 2,900	\$ 2,900		\$ 2,900	\$ -	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 2,900	\$ 29,000	
Safety Equip & Training	300-660-666	\$ 11,625	\$ 15,000	\$ 15,000	\$ 15,000	1.50%	\$ 18,000	\$ 3,000	\$ 18,300	\$ 18,600	\$ 18,900	\$ 19,200	\$ 19,500	\$ 19,800	\$ 20,100	\$ 20,500	\$ 20,900	\$ 193,800	
Maint of O&M	300-670-671	\$ 12,197	\$ 10,051	\$ 14,140	\$ 15,804	1.50%	\$ 15,640	\$ 1,500	\$ 15,900	\$ 16,200	\$ 16,500	\$ 16,800	\$ 17,100	\$ 17,400	\$ 17,700	\$ 18,000	\$ 18,300	\$ 169,540	
Maint of Storage Tank	300-670-672	\$ 1,908	\$ 5,000	\$ 5,000	\$ 90	3.00%	\$ -	\$ (5,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Maint of Trans. & Dist	300-670-673	\$ 31,356	\$ 51,931	\$ 40,000	\$ 81,673	3.00%	\$ 60,000	\$ 20,000	\$ 61,800	\$ 63,700	\$ 65,700	\$ 67,700	\$ 69,800	\$ 71,900	\$ 74,100	\$ 76,400	\$ 78,700	\$ 689,800	
Maint of Services	300-670-675	\$ (1,783)	\$ (5,658)	\$ 3,000	\$ 379		\$ -	\$ (3,000)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Maint of Hydrants	300-670-677	\$ 1,334	\$ 1,101	\$ -	\$ -	2.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Customer Records & coll	300-900-903	\$ 21,482	\$ 27,341	\$ 27,900	\$ 27,900	3.00%	\$ 46,000	\$ 18,100	\$ 47,400	\$ 48,900	\$ 50,400	\$ 52,000	\$ 53,600	\$ 55,300	\$ 57,000	\$ 58,800	\$ 60,600	\$ 530,000	
Admin Asst(s) Salary	300-920-201	\$ 64,320	\$ 66,628	\$ 68,300	\$ 68,134	3.00%	\$ 71,600	\$ 3,300	\$ 73,800	\$ 76,100	\$ 78,400	\$ 80,800	\$ 83,300	\$ 85,800	\$ 88,400	\$ 91,100	\$ 93,900	\$ 823,200	
PW & Fin Dir, Util Eng	300-920-202	\$ 266,769	\$ 298,783	\$ 232,300	\$ 252,715	3.00%	\$ 231,500	\$ (800)	\$ 238,500	\$ 245,700	\$ 253,100	\$ 260,700	\$ 268,600	\$ 276,700	\$ 285,100	\$ 293,700	\$ 302,600	\$ 2,656,200	
Field Per Salaries - Reg	300-920-204	\$ 423,805	\$ 428,450	\$ 559,500	\$ 617,295	3.00%	\$ 597,500	\$ 38,000	\$ 615,500	\$ 634,000	\$ 653,100	\$ 672,700	\$ 692,900	\$ 713,700	\$ 735,200	\$ 757,300	\$ 780,100	\$ 6,852,000	
Field Per Salaries - OT	300-920-205	\$ 60,446	\$ 73,300	\$ 76,600	\$ 72,976	3.00%	\$ 85,300	\$ 8,700	\$ 87,900	\$ 90,600	\$ 93,400	\$ 96,300	\$ 99,200	\$ 102,200	\$ 105,300	\$ 108,500	\$ 111,800	\$ 980,500	
Temp Meter Installers							\$ 166,400	\$ 166,400											
Office Supplies & Misc	300-920-210	\$ 1,605	\$ 1,859	\$ 2,100	\$ 2,100		\$ 2,200	\$ 100	\$ 2,300	\$ 2,400	\$ 2,500	\$ 2,600	\$ 2,700	\$ 2,800	\$ 2,900	\$ 3,000	\$ 3,100	\$ 26,500	
Interconnection	300-920-220	\$ 113,569	\$ 123,150	\$ 100,000	\$ 41,423	3.00%	\$ 77,900	\$ (22,100)	\$ 80,300	\$ 82,800	\$ 85,300	\$ 87,900	\$ 90,600	\$ 93,400	\$ 96,300	\$ 99,200	\$ 102,200	\$ 895,900	
Outside Services	300-920-230	\$ 81,864	\$ 77,853	\$ 82,500	\$ 87,810	2.00%	\$ 87,500	\$ 5,000	\$ 89,300	\$ 91,100	\$ 93,000	\$ 94,900	\$ 96,800	\$ 98,800	\$ 100,800	\$ 102,900	\$ 105,000	\$ 960,100	
Insurance Property	300-920-240	\$ 23,370	\$ 23,878	\$ 25,100	\$ 27,200	3.00%	\$ 26,400	\$ 1,300	\$ 27,200	\$ 28,100	\$ 29,000	\$ 29,900	\$ 30,800	\$ 31,800	\$ 32,800	\$ 33,800	\$ 34,900	\$ 304,700	
Empl Benefits & Pensions	300-920-260	\$ 264,811	\$ 275,820	\$ 328,100	\$ 290,706		\$ 328,100	\$ (0)	\$ 327,700	\$ 336,100	\$ 359,900	\$ 385,400	\$ 412,800	\$ 442,400	\$ 474,200	\$ 508,400	\$ 545,300	\$ 4,120,300	
Vehicle Exp	300-930-321	\$ 8,434	\$ 9,590	\$ 8,000	\$ 10,500	2.50%	\$ 9,000	\$ 1,000	\$ 9,300	\$ 9,600	\$ 9,900	\$ 10,200	\$ 10,500	\$ 10,800	\$ 11,100	\$ 11,400	\$ 11,700	\$ 103,500	
Veh Aqu. Program	300-930-323	\$ 40,864	\$ 30,267	\$ 59,508	\$ 53,234		\$ 72,768	\$ 13,260	\$ 69,618	\$ 59,316	\$ 63,384	\$ 39,792	\$ 26,532	\$ 26,532	\$ 13,428	\$ -	\$ -	\$ 371,371	
Capitol Projects	300-930-325	\$ -	\$ 13,020	\$ 180,000	\$ 64,300		\$ 10,000	\$ (170,000)	\$ 15,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000	\$ 1,145,000	
Contingency	300-930-999	\$ 92,677	\$ 108,265	\$ 100,000	\$ 122,682		\$ 100,000	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 101,039	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,001,039	
TOTAL EXPENSES		\$ 2,862,261	\$ 3,017,413	\$ 3,640,144	\$ 3,675,416		\$ 4,125,963	\$ 485,818	\$ 3,660,453	\$ 3,979,168	\$ 4,065,983	\$ 4,140,428	\$ 4,211,386	\$ 4,107,257	\$ 4,184,724	\$ 4,111,015	\$ 4,208,642	\$ 43,957,519	
Inc/(dec) over past year							\$ 485,818		\$ (465,510)	\$ 318,714	\$ 86,816	\$ 74,444	\$ 70,958	\$ (104,129)	\$ 77,466	\$ (73,709)	\$ 97,627		
							13.35%		-11.28%	8.71%	2.18%	1.83%	1.71%	-2.47%	1.89%	-1.76%	2.37%		
Current owed to SAF	\$ 521,294	wed to the SAF		\$ 450,000			\$ 415,000		\$ 380,000	\$ 345,000	\$ 300,000	\$ 250,000	\$ 200,000	\$ 150,000	\$ 100,000	\$ 50,000	\$ -		
Interconnection Budget correlates to taking this many millions of gallons from NL in this year							15.706		15.642	15.584	15.663	15.594	15.530	15.468	15.409	15.336	15.266		

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		\$ 425,000
CURRENT DEB	\$ 258,254	\$ 252,957	\$ 346,674	\$ 266,407	\$ 411,155	\$ 410,917	\$ 427,697	\$ 430,491	\$ 238,302	\$ 230,130	\$ 61,974	\$ 43,332	\$ 43,702	\$ 44,079	\$ 44,464	\$ 44,857	\$ 45,258	\$ 40,463	\$ 25,000	\$ 25,000	\$ -	\$ 3,691,113
Well 1A/6 Pr.			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	\$ 4,949,597
initial payment			\$ 247,480																			\$ 247,480
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	\$ 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 dwsrf-2010-8003 - State of CT DWSRF PLO - \$401,454, 2010 issue, monthly payment 2016 ref bonds - 2012 bonnds - \$146,000, 7/21/16 issue, 7/15 dwsrf 2017-7057 - State of Ct dwsrf PLO - \$345,643 (engineering for Well 1A/6 project) , 2019 issue, monthly payment 2019 ref bonds - refinane of 2009 bonds - \$2,571,000, 8/15/19 issue, 7/15 2019 rem bonds - \$425,000, 8/15/19 (balance of original bond), 7/15 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										fy 22-23 Well 1A/6			principal	int	total	paid 10/1/22 <						



WATER DEPARTMENT - Vehicle Acquisition Plan

Line Item # 07-01-300-930-323

FINANCING				100% water		* split 50/50 w&s	* split 50/50 w&s	* split 50/50 w & s	100% water		100% water		100% water		100% water		100% water	
		Mark - Ch H2O Op	New Dump Bdy	Vinny Foreman Tr		valve exc / vacuum tr	Ford Escape	Mini Exc - mid yr purchase	New Utility Bdy - Repl Van (34)		New Utility Bdy for CWO - hand down 38 to Asst CWO		New Utility Bdy for insp - hand down 47 to RC		New Utility Bdy - repl 41		New Utility Bdy - repl 36	
Purch Yr		2015	2018	2020		2020	2020	2021	2022		2022		2023		2025		2026	
Plate #		EL 38	EL 48	EL 31					EL 34		EL 38		EL 40		EL 41		EL 41	
Total Cost				\$ 53,000		\$ 63,400	\$ 23,690		\$ 56,000		\$ 56,000		\$ 60,000		\$ 60,000		\$ 61,500	
Payment		\$ 1,008.66	\$ 629.99	\$ 1,719 \$ 931		\$ 573	\$ 215	\$ 7,633.34	\$ 983.00		\$ 983.00		\$ 1,105.00		\$ 1,092		\$ 1,119	
Int rate				3.2%		3.2%	3.2%		2.8%		2.8%		4.0%		3.5%		3.5%	

PAYMENTS

FY	Old Payments	Mark A's Truck	# of Pymts	Dump Body	# of Pymts	All three Truck	# of Pymts	valve ex	Util Eng & Asst	Mini Exc	Replace Van - 34	# of Pymts	New truck	# of Pymts	Replace Rr 40	# of Pymts	Replace Rr 40	# of Pymts	Replace Rr 40	# of Pymts	FY	Budget Amount
16-17	\$ 19,441	\$ 12,104	12			Payments															16-17	\$ 31,545
17-18	\$ 19,441	\$ 12,104	12																		17-18	\$ 31,545
18-19	\$ 14,793	\$ 12,104	12	\$ 3,150	5																18-19	\$ 30,047
19-20	\$ 2,296	\$ 12,104	12	\$ 7,560	12	\$ 18,904	11														19-20	\$ 40,864
20-21		\$ 2,017	2	\$ 7,560	12	\$ 20,690	12			\$ 7,633											20-21	\$ 37,900
21-22				\$ 7,560	12	\$ 20,723	12			\$ 7,633	\$ 11,796	12	\$ 11,796	12							21-22	\$ 59,508
22-23				\$ 7,560	12	\$ 20,723	12			\$ 7,633	\$ 11,796	12	\$ 11,796	12	\$ 13,260	12					22-23	\$ 72,768
23-24				\$ 4,410	7	\$ 20,723	12			\$ 7,633	\$ 11,796	12	\$ 11,796	12	\$ 13,260	12					23-24	\$ 69,618
24-25				\$ -		\$ 1,727	1			\$ 7,633	\$ 11,796	12	\$ 11,796	12	\$ 13,260	12	\$ 13,104	12			24-25	\$ 59,316
25-26				\$ -							\$ 11,796	12	\$ 11,796	12	\$ 13,260	12	\$ 13,104	12	\$ 13,428	12	25-26	\$ 63,384
26-27				\$ -											\$ 13,260	12	\$ 13,104	12	\$ 13,428	12	26-27	\$ 39,792
27-28				\$ -													\$ 13,104	12	\$ 13,428	12	27-28	\$ 26,532
28-29				\$ -													\$ 13,104	12	\$ 13,428	12	28-29	\$ 26,532
29-30				\$ -													\$ 13,428	12			29-30	\$ 13,428

EXISTING WATER DEPT VEHICLES

Plate #	Year	Make	Model	Paid Off	# Veh	Repl Year	Purpose
EL31	2019	Ford	Util Bdy	paid off	1	2031	Used by Water Foreman - Vinny McGinty
EL32?	2022	Ford	Util Bdy				Will be used by Chief Water Operator - Mark Alfieri, ordered in 7/21, should get in 8/22
old EL34	2010	Dodge	Sprinter	paid off	2	2022	Used primarily by Steve Holiday to work on wells and meter work orders - vehicle to be sold off when replaced
new EL 34	2022	Ford	Util Bdy				Will be used by Steve Holiday, ordered in 7/21, should get in 8/22
EL36	2014	GMC	Util Bdy	paid off	3	2026	Used by Al Larson
EL37	2003	Chevy	Silverado	paid off	4		Currently used by Asst Chief Water Operator, Jeff Paquet - was Mike Poola' old truck - retire if not needed by meter replacement gang
EL38	2016	GMC	Util Bdy	paid off	5	2028	Used primarily by the Chief Water Operator - Mark Alfieri - get new vehicle and hand down 38 to Asst CWO
EL40	2010	GMC	Pickup	paid off	6	2023	Used by Rob Cunningham - rob wilson's old tr - was spare
EL41	2005	Chevy	Pickup	paid off	6	2025	Used by Brian Chappell, was Pierre's old truck
EL47	2015	GMC	Sierra PU	paid off	7	2027	Used primarily by the Water Inspector - Pat Morris for work orders/inspections, got new engine in 2/22
EL48	2004	International	Dump	1/24	8	2026	Water main breaks-moving material - got new body in 2018, cab & chassis good
	2019	Valve Excer	Trailer	paid off		2035	
	2020	Mini Exc		6/24		2035	
		Backhoe					
	2019	Big Tex	Lg Traile	1/24		2039	
	2016		Trailer				for Water Main breaks

CORRESPONDENCE LOG -MARCH 2022

[illegible]

AGENDA #.

MAR 22 2022

EAST LYME
WATER & SEWER COMMISSION

**East Lyme Water Department
Monthly Report - March 2022**

1. General Statistics for

Feb-22

TASKS PERFORMED by WATER DEPARTMENT	February 2022	TOTAL THIS YEAR	TOTAL LAST YEAR (July 1st to June 30th)
Meters Installed (New Accounts)	1	22	22
New Meters In System	184	1,042	New / Total
			2024 / 6914 or 29%
New Service Connections Installed	1	6	8
Services and Mains Repaired⁽¹⁾	2 Mains Breaks, 2 Service Leaks	25	7
Gallons Pumped (x1000)	61,236	469,629	616,864

(1) Repair or replacement of service line from main to curb stop.

2. Monthly Average Day Demand (MADD)

	February	February 2021	% Difference LY
Water Produced (Million Gallons Daily)	2.187	1.479	47.85%

MADD as a % of 3.16 MGD available water (24-hour pumping) = 69.21%

MADD as a % of 2.37 MGD available water (18-hour pumping) = 92.28%

Note: Available water based on 2005 Water Supply Plan and subsequent revisions approved February 20, 2007. Figures not adjusted for additional water available from New London during the summer months.

3. Significant Items

- Precipitation was 4.99 inches for the month of February
- Staff is continuing meter replacement work. 184 meters have been installed in the month of February.
- Staff is pumping water to New London through the Interconnect. East Lyme is starting to send water for the 2022 season, with about 12.5 million gallons (72%) pumped so far.
- Water demand has been unusually high, a leak detection contractor has completed a town-wide survey that found 18 leaks. Leak letters are going out to customers to notify them of leaks that are their responsibility as the water departments schedules the repair of utility leaks.

EAST LYME WATER & SEWER COMMISSION
MAR 22 2022
AGENDA # <u>13a</u>

Historic Monthly Water Production Report (x1,000)

[illegible]

Historic Monthly Water Production Report (x1,000)

[illegible]

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION**

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.44	7.68		0.52	17		0.41	7.39		0.68
2		0.76	7.71		0.67	18		0.61	7.07		0.49
3		0.67	7.69		0.66	19		0.58	7.10		0.70
4		0.52	7.58		0.66	20		0.53	7.09		0.67
5		0.53	7.76		0.87	21		0.92	7.11		0.81
6		0.60	7.64		0.77	22		0.50	7.62		0.71
7		0.64	7.13		0.48	23		0.40	7.65	0.57	0.88
8		0.92	7.45		0.51	24		0.52	7.13		0.94
9		0.57	7.17	0.57	0.53	25		0.54	7.18		0.68
10		0.53	7.09		0.97	26		0.82	7.46		0.73
11		0.83	7.11		0.62	27		0.29	7.50		0.68
12		0.62	7.14		0.71	28		0.94	7.57		0.62
13		0.75	7.17		0.77						
14		0.58	7.05		0.63						
15		0.80	7.47		0.58						
16		0.80	7.09		0.65						

4. Summary Information (Check all summary types that are applicable regardless of Status):

Summary Type		Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
			Number of Days		Compliance (Y/N) 3				
			Required 2	Completed					
<input checked="" type="checkbox"/>	CHLR	Monthly Chlorine Log	28	28	Y	0.94	0.63	0.29	Y
<input checked="" type="checkbox"/>	PHRD	Monthly pH Log	28	28	Y	7.76	7.35	7.05	Y
<input checked="" type="checkbox"/>	PHOS	Monthly Phosphate Log	2	2	Y	0.57	0.57	0.57	Y
<input checked="" type="checkbox"/>	FLRD	Monthly Fluoride Log	28	28	Y	0.97	0.69	0.48	Y

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2 The Number of Samples Required is contingent on the number of days the Water System Facility or treatment process was online. If the facility or treatment process was not online but monitoring is normally required Number of Days Required = "0" and the Summary Type must be checked.

3 The M&R (Monitoring & Reporting) Complied field is an indicator ensuring Number of Samples Taken > Number of Samples Required.

4 The Level Complied field is an indicator ensuring that the Highest and Lowest Readings are within required ranges for treatment effluents.

Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION**

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:											
PWS ID:		CT0450011									
PWS Name:		East Lyme Water & Sewer Commission									
City/Town:		East Lyme									
2. Compliance Information:											
Water System Facility ID:		00704									
Month:		02		Year:		2022					
Certified Operator:		Mark Alfieri									
3. Analytical Results:											
Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.73	7.76		0.57	17		0.62	7.62		0.52
2		0.68	7.69		0.51	18		0.72	7.21		0.69
3		0.71	7.63		0.66	19		0.58	7.19		0.47
4		0.68	7.19		0.75	20		0.68	7.23		0.58
5		0.62	7.68		0.69	21		0.93	7.07		0.45
6		0.63	7.88		0.57	22		1.13	7.06		0.60
7		0.65	7.27		0.51	23		0.84	7.21		0.75
8		0.85	7.19		0.49	24		1.00	7.31		0.70
9		0.89	7.12		0.57	25		1.05	7.26		0.59
10		0.87	7.19		0.67	26		0.87	7.16		0.74
11		0.52	7.12		0.61	27		0.81	7.41		0.76
12		0.34	7.28		0.64	28		0.99	7.37		0.62
13		0.59	7.19		0.72						
14		0.50	7.07		0.63						
15		0.52	7.21		0.65						
16		0.60	7.19		0.57						
4. Summary Information (Check all summary types that are applicable regardless of Status):											
Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4			
		Number of Days		Compliance (Y/N) 3							
		Required 2	Completed								
<input checked="" type="checkbox"/> CHLR	Monthly Chlorine Log	28	28	Y	1.13	0.74	0.34	Y			
<input checked="" type="checkbox"/> PHRD	Monthly pH Log	28	28	Y	7.88	7.31	7.06	Y			
<input type="checkbox"/> PHOS	Monthly Phosphate Log										
<input checked="" type="checkbox"/> FLRD	Monthly Fluoride Log	28	28	Y	0.76	0.62	0.45	Y			
<p>1 Status indicates a Water System Facility was offline on any particular day of the month. Fill with "offline" when applicable.</p> <p>2 The Number of Samples Required is contingent on the number of days the Water System Facility or treatment process was online. If the facility or treatment process was not online but monitoring is normally required Number of Days Required = "0" and the Summary Type must be checked.</p> <p>3 The M&R (Monitoring & Reporting) Complied field is an indicator ensuring Number of Samples Taken > Number of Samples Required.</p> <p>4 The Level Complied field is an indicator ensuring that the Highest and Lowest Readings are within required ranges for treatment effluents.</p> <p>Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.</p>											

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION**

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.82	7.37		0.61	17		0.31	7.18		0.86
2		0.71	7.53		0.64	18		0.26	7.57		0.81
3		0.64	7.66		0.62	19		0.29	7.15		0.78
4		0.72	7.56		0.53	20		0.23	7.25		0.74
5		0.62	7.67		0.84	21		0.24	7.18		0.47
6		0.62	7.87		0.75	22		0.22	7.69		0.83
7		0.63	7.02		0.70	23		0.33	7.67		0.87
8		0.63	7.26		0.63	24		0.25	7.16		0.85
9		0.65	7.24		0.59	25		0.37	7.04		0.80
10		0.77	7.32		0.66	26		0.32	7.03		0.98
11		0.60	7.34		0.68	27		0.27	7.15		0.98
12		0.44	7.04		0.97	28		0.24	7.11		0.62
13		0.41	7.03		1.00						
14		0.35	7.30		0.72						
15		0.32	7.55		0.71						
16		0.41	7.73		0.63						

4. Summary Information (Check all summary types that are applicable regardless of Status):

Summary Type		Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
			Number of Days		Compliance (Y/N) 3				
			Required 2	Completed					
<input checked="" type="checkbox"/>	CHLR	Monthly Chlorine Log	28	28	Y	0.82	0.45	0.22	Y
<input checked="" type="checkbox"/>	PHRD	Monthly pH Log	28	28	Y	7.87	7.35	7.02	Y
<input type="checkbox"/>	PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/>	FLRD	Monthly Fluoride Log	28	28	Y	1.00	0.75	0.47	Y

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3 The M&R (Monitoring & Reporting) Complied field is an indicator ensuring Number of Samples Taken > Number of Samples Required.

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Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION**

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1	offline					17	offline				
2	offline					18	offline				
3	offline					19	offline				
4	offline					20	offline				
5	offline					21	offline				
6	offline					22	offline				
7	offline					23	offline				
8	offline					24	offline				
9	offline					25	offline				
10	offline					26	offline				
11	offline					27	offline				
12	offline					28	offline				
13	offline										
14	offline										
15	offline										
16	offline										

4. Summary Information (Check all summary types that are applicable regardless of Status):

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CHLR	Monthly Chlorine Log	0	0	Y				Y
<input checked="" type="checkbox"/> PHRD	Monthly pH Log	0	0	Y				Y
<input type="checkbox"/> PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/> FLRD	Monthly Fluoride Log	0	0	Y				Y

1 Status indicates a Water System Facility was offline on any particular day of the month. Fill with "offline" when applicable.

2 The Number of Samples Required is contingent on the number of days the Water System Facility or treatment process was online. If the facility or treatment process was not online but monitoring is normally required Number of Days Required = "0" and the Summary Type must be checked.

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Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION**

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		1.02	7.51		0.48	17		0.61	7.32		1.13
2		0.84	7.13		0.91	18		0.48	7.45		0.63
3		1.08	7.91		0.75	19		0.61	7.28		0.76
4		0.70	7.63		0.60	20		0.63	7.32		0.66
5		0.82	7.89		0.56	21		0.62	7.34		0.67
6		0.83	7.97		0.49	22		0.88	7.47		0.62
7		1.06	7.13		0.62	23		0.64	7.67		0.35
8		1.11	7.59		0.63	24		0.64	7.37		0.65
9		0.92	7.63		0.65	25		0.99	7.57		0.69
10		0.89	7.75		0.49	26		0.92	7.07		0.68
11		0.61	7.48		0.65	27		0.85	7.20		0.65
12		0.79	7.12		0.86	28		0.84	7.32		0.61
13		0.69	7.05		0.85						
14		0.72	7.35		0.58						
15		0.58	7.41		0.42						
16		0.46	7.49		0.68						

4. Summary Information (Check all summary types that are applicable regardless of Status):

Summary Type		Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
			Number of Days		Compliance (Y/N) 3				
			Required 2	Completed					
<input checked="" type="checkbox"/>	CHLR	Monthly Chlorine Log	28	28	Y	1.11	0.78	0.46	Y
<input checked="" type="checkbox"/>	PHRD	Monthly pH Log	28	28	Y	7.97	7.44	7.05	Y
<input type="checkbox"/>	PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/>	FLRD	Monthly Fluoride Log	28	28	Y	1.13	0.65	0.35	Y

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EAST LYME WATER DEPARTMENT

Well Production Report February 2022

Withdrawals	Well 1A		Well 2A		Well 3A		Well 3B		Well 4A		Well 5		Well 6		Wells 3A/3B	Wells 2A/3A/3B	Daily Total (Wells)	Water From NL	Water To NL	Daily Total (Wells & NL)(3)			
	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(WL-ft)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)	(MGD)			
Max. Req./Perm.(1,2)	1.160		0.864		0.560		0.993		0.547		0.780		0.440		0.993	1.857	4.784	1.000	1.000	(MGD)			
24-hr Pumping	1.160		0.648		0.446		0.993		0.324		0.619		0.440		1.439	2.087	4.630	0.500	NA	5.130			
18-hr Pumping	0.870		0.486		0.335		0.745		0.243		0.464		0.330		1.080	1.566	3.473	0.500	NA	3.973			
SFR 24-hr Pumping(2)	1.160		0.648		0.446		0.993		0.324		0.000		0.000		0.993	1.641	3.125	0.500	NA	3.625			
SFR 18-hr Pumping	0.870		0.486		0.335		0.745		0.243		0.000		0.000		0.745	1.231	2.344	0.500	NA	2.844			
Monthly Average	0.629		0.298		0.196		0.619		0.151				0.295		0.815	1.112	2.187	0.000	0.115	2.187			
Date	"Alert" Trigger	12.0		4.0		15.0		20.0		6.0		18.0		22.0								Precip	
																						inches	
2/1/2022	0.293	12.2	0.289	19.0	0.245	22.0	0.705	24.9	0.170	5.20			0.291	34.4	0.950	1.238	1.992	0.000	0.142	1.992	0.00		
2/2/2022	0.803	17.9	0.319	18.0	0.187	22.0	0.537	24.9	0.181	5.10			0.381	34.4	0.724	1.043	2.409	0.000	0.108	2.409	0.00		
2/3/2022	0.604	12.9	0.371	18.0	0.020	22.0	0.708	24.3	0.160	5.20			0.279	34.3	0.728	1.098	2.141	0.000	0.000	2.141	0.00		
2/4/2022	0.594	12.2	0.248	18.0	0.167	22.0	0.583	24.9	0.126	5.20			0.274	34.2	0.750	0.997	1.991	0.000	0.132	1.991	0.98		
2/5/2022	0.667	17.8	0.306	18.0	0.204	42.0	0.600	23.8	0.162	9.80			0.307	40.0	0.804	1.110	2.247	0.000	0.228	2.247	0.40		
2/6/2022	0.674	17.9	0.309	18.0	0.204	21.0	0.605	25.0	0.160	9.80			0.311	40.1	0.809	1.117	2.262	0.000	0.000	2.262	0.00		
2/7/2022	0.604	12.5	0.310	19.0	0.182	22.0	0.548	24.7	0.155	5.40			0.278	34.6	0.730	1.041	2.077	0.000	0.134	2.077	0.00		
2/8/2022	0.649	12.7	0.256	19.0	0.211	22.0	0.614	25.1	0.152	5.40			0.299	35.0	0.825	1.081	2.181	0.000	0.148	2.181	1.10		
2/9/2022	0.721	12.8	0.246	19.0	0.209	22.0	0.615	24.8	0.159	5.60			0.311	34.8	0.824	1.071	2.262	0.000	0.150	2.262	0.00		
2/10/2022	0.533	12.8	0.254	19.0	0.212	22.0	0.634	24.8	0.112	5.50			0.267	34.7	0.846	1.100	2.012	0.000	0.126	2.012	0.00		
2/11/2022	0.593	13.0	0.315	19.0	0.182	42.0	0.534	34.9	0.158	5.50			0.273	35.0	0.716	1.031	2.055	0.000	0.049	2.055	0.00		
2/12/2022	0.650	13.2	0.315	19.0	0.204	21.0	0.618	24.8	0.141	5.40			0.299	35.3	0.822	1.137	2.227	0.000	0.105	2.227	0.00		
2/13/2022	0.594	13.1	0.271	19.0	0.184	21.0	0.588	24.6	0.133	5.50			0.274	35.0	0.772	1.043	2.044	0.000	0.052	2.044	0.00		
2/14/2022	0.641	13.0	0.316	19.0	0.210	22.0	0.593	24.7	0.152	5.60			0.297	35.1	0.803	1.119	2.209	0.000	0.137	2.209	0.29		
2/15/2022	0.638	13.1	0.280	19.0	0.214	21.0	0.691	24.5	0.142	5.50			0.294	35.1	0.905	1.186	2.260	0.000	0.141	2.260	0.00		
2/16/2022	0.715	13.0	0.301	19.0	0.198	21.0	0.621	24.1	0.169	5.60			0.330	35.1	0.819	1.120	2.334	0.000	0.144	2.334	0.00		
2/17/2022	0.502	13.0	0.279	19.0	0.185	21.0	0.568	24.2	0.121	5.50			0.231	35.1	0.753	1.031	1.885	0.000	0.000	1.885	0.00		
2/18/2022	0.694	13.1	0.266	19.0	0.187	21.0	0.568	24.3	0.163	5.60			0.320	35.3	0.755	1.021	2.197	0.000	0.133	2.197	0.65		
2/19/2022	0.604	13.2	0.348	19.0	0.203	21.0	0.782	24.9	0.148	5.50			0.278	35.2	0.985	1.334	2.363	0.000	0.217	2.363	0.00		
2/20/2022	0.802	13.2	0.306	19.0	0.227	21.0	0.551	24.0	0.185	5.50			0.370	35.3	0.778	1.084	2.441	0.000	0.217	2.441	0.00		
2/21/2022	0.524	13.0	0.333	18.0	0.214	21.0	0.629	24.3	0.119	5.50			0.241	35.2	0.843	1.175	2.059	0.000	0.179	2.059	0.00		
2/22/2022	0.694	13.0	0.293	19.0	0.226	21.0	0.731	24.2	0.105	5.50			0.320	35.3	0.957	1.250	2.368	0.000	0.144	2.368	0.00		
2/23/2022	0.558	13.1	0.281	19.0	0.158	21.0	0.497	24.0	0.181	5.50			0.257	35.2	0.655	0.935	1.932	0.000	0.001	1.932	0.64		
2/24/2022	0.658	13.1	0.324	19.0	0.213	20.0	0.663	24.4	0.155	5.60			0.304	35.7	0.876	1.200	2.317	0.000	0.147	2.317	0.00		
2/25/2022	0.652	13.3	0.272	19.0	0.235	22.0	0.725	24.2	0.157	5.60			0.300	35.4	0.960	1.232	2.341	0.000	0.143	2.341	0.00		
2/26/2022	0.739	13.3	0.301	19.0	0.180	21.0	0.560	23.9	0.139	5.50			0.341	35.3	0.740	1.041	2.260	0.000	0.105	2.260	0.93		
2/27/2022	0.634	13.2	0.303	19.0	0.221	22.0	0.682	24.2	0.137	5.60			0.292	35.2	0.903	1.206	2.269	0.000	0.000	2.269	0.00		
2/28/2022	0.580	13.2	0.322	19.0	0.192	22.0	0.585	23.9	0.173	5.60			0.251	35.3	0.777	1.099	2.102	0.000	0.146	2.102	0.00		
Average	0.629	13.5	0.298	18.8	0.196	22.9	0.619	24.8	0.151	5.78			0.295	35.4	0.815	1.112	2.187	0.000	0.115	2.187	0.18		
Minimum	0.293	12.2	0.246	18.0	0.020	20.0	0.497	23.8	0.105	5.10			0.231	34.2	0.655	0.935	1.885	0.000	0.000	1.885	0.00		
Maximum	0.803	17.9	0.371	19.0	0.245	42.0	0.782	34.9	0.185	9.80			0.381	40.1	0.985	1.334	2.441	0.000	0.228	2.441	1.10		
Total	17.614		8.333		5.474		17.332		4.214				8.270		22.806	31.139	61.236	0.000	3.228	61.236	4.99		
Notes:	MGD = Million Gallons Per Day															% Recvd. of Total Monthly Demand		0.00			Total Monthly Demand		
	WL = Water (in feet) above the airline or pressure transducer (set approximately 4 ft above the pump suction for each well; 17 ft above suction for Well 4A).															% of Total Sent to NL (Wells)			5.27		61.236		
	SFR = stream flow restrictions (Wells 5 and 6 not operating).															Running Total (water received 2022)		0.000					
	NR = No Reading Available															Goal		14.850					
	(1) A condition of the Well 3A diversion permit limits the combined maximum withdrawal from Wells 2A, 3A, and 3B to 1.857 mgd.															% of Goal		0.00					
	(2) Another condition of the Well 3A permit restricts the combined maximum withdrawal from Wells 3A and 3B to 0.864 mgd during "low" stream flow.															Running Total (water sent to NL2022)			12.506				
	If Well 3A is not pumped, Well 3B alone can be pumped at 0.993 mgd during "low" stream flow.															Goal			17.471				
	(3) Totals represent well production plus water from New London. Does not include water to New London.															% of Goal			71.58				

March 2022

East Lyme Sewer Maintenance Report for February 2022

1. Sewer tie-ins, inspections and CBYDs at various locations
2. Daily chemical machine checks and maintenance
3. Monthly alarm tests and meter readings
4. Daily station maintenance checks
5. General Sewer Pump Station Maintenance
6. Attawan Pump Station, Replace Pump Station Controls
7. General equipment maintenance
8. Monitor Odor Control System 31 Arbor Xing for H2S (Seasonal, turned off for winter)
9. Monitor Odor Control System. 170 Giants Neck Rd for H2S (Seasonal, turned off for winter)
10. Monitor H2S (Point O Woods)
11. Rotating Assembly Oil Changes. Ridgewood Rd, Point Rd, Woodbridge Rd, Marshfield Rd
McCook's Pump Station

EAST LYME WATER & SEWER COMMISSION
MAR 22 2022
AGENDA # <u>13b</u>

Sewer Department Monthly Report

March 22 2022

Feb-22 Monthly Running Avg: 965,646 GPD
Daily Avg: 988,646 GPD
Daily Max: 1,111,776 GPD
Daily Min: 828,708 GPD

Daily Average as a Percent of Monthly Running Average: 102.38%
Daily Average as a Percent of 1.5 MGD Allotment at NLWWTP: 65.91%

State CT Flows:

	DOC	Camp Nett	Rocky Neck	POW	Total
Actual GPD AVG.	145,013	16,500	0	11,443	172,956
Design GPD AVG.	250,000	58,400	64,600	105,000	478,000
% of Design GPD	58.0%	28.25%	0	10.90%	36.18%
% of East Lyme Average Daily Flow	14.67%	1.67%	0.00%	1.16%	17.49%
% of East Lyme 1.5 MGD Allotment	9.67%	1.10%	0.00%	0.76%	11.53%

Footnotes:

EAST LYME SEWER FLOWS - HISTORY

	2014	2015	2016	2017	2018	2019	2020	2021	2022	% +/- Prev. Yr.	Precip. 2022 (in.)
JAN.	1,011,343	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	942,646	0.46%	2.80
FEB.	994,771	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	8.47%	4.99
MAR.	1,026,812	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441			
APR.	1,126,058	938,861	796,611	897,161	778,780	918,456	885,983	962,591			
MAY	1,145,107	913,816	777,446	872,268	746,049	947,042	900,485	951,501			
JUN.	1,007,792	880,190	815,281	849,504	906,535	875,000	882,463	976,981			
JUL.	1,038,583	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771			
AUG.	999,147	977,543	868,636	873,017	905,718	932,181	911,419	978,158			
SEPT.	837,706	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008			
OCT.	852,281	861,521	738,247	752,273	903,915	806,576	812,506	917,384			
NOV.	787,769	803,842	709,481	732,848	871,111	815,129	786,482	937,414			
DEC.	835,260	788,121	728,649	728,437	894,050	927,335	896,694	895,121			
RUNNING AVERAGE	971,886	894,041	785,390	807,232	873,578	904,936	857,919	954,508		4.47%	
										Precip. Total	7.79

EAST LYME SEWER FLOWS - HISTORY

	2014	2015	2016	2017	2018	2019	2020	2021	AVG. Prev. Years	2022	% +/- AVG. Prev. Years	Precip. 2022 (in.)
JAN.	1,011,343	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	873,842	942,646	7.9%	2.80
FEB.	994,771	832,681	809,701	765,648	865,263	842,611	859,175	911,422	860,159	988,646	14.9%	4.99
MAR.	1,026,812	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	894,152			
APR.	1,126,058	938,861	796,611	897,161	778,780	918,456	885,983	962,591	913,063			
MAY	1,145,107	913,816	777,446	872,268	746,049	947,042	900,485	951,501	906,714			
JUN.	1,007,792	880,190	815,281	849,504	906,535	875,000	882,463	976,981	899,218			
JUL.	1,038,583	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771	969,547			
AUG.	999,147	977,543	868,636	873,017	905,718	932,181	911,419	978,158	930,727			
SEPT.	837,706	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008	854,007			
OCT.	852,281	861,521	738,247	752,273	903,915	806,576	812,506	917,384	830,588			
NOV.	787,769	803,842	709,481	732,848	871,111	815,129	786,482	937,414	805,510			
DEC.	835,260	788,121	728,649	728,437	894,050	927,335	896,694	895,121	836,708			
AVG.	971,886	894,041	785,390	807,232	873,578	904,936	857,919	954,508	881,186		11.4%	
											Precip. Total	7.79

Feb-22

		East Lyme Allocation (1.5 mgd)			State Allocation (0.478 mgd)					State	State	East Lyme	East Lyme
Year	Month	Niantic PS			DOC	Camp Nett	Rocky Neck	POW	Pine Grove	Allocation	Allocation	Allocation	Allocation
		Daily Avg	Daily Max	Daily Min	0.250	0.058	0.025	0.105	0.040	Total Used	Remaining	Used	Remaining
2022	January	0.943	1.133	0.683	0.104	0.005	0.000	0.010	0.040	0.159	0.319	1.261	0.239
	February	0.989	1.112	0.829	0.145	0.017	0.000	0.011	0.040	0.213	0.265	1.254	0.246
	March												
	April												
	May												
	June												
	July												
	August												
	September												
	October												
	November												
	December												
Annual Avg. (Jan - Dec)		0.966	1.122	0.756	0.125	0.011	0.000	0.011	0.040	0.186	0.292	1.258	0.242
Annual Average (11 years)												1.152	0.348