

EAST LYME WATER AND SEWER COMMISSION

AGENDA

July 25, 2023

7 PM

RECEIVED FOR RECORD
EAST LYME, CT

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

2023 JUL 18 P 3:59

Regular Meeting

Carroll Hill
TOWN CLERK

1. **Call to Order / Pledge of Allegiance**
2. **Approval of Minutes**
 - a. **Regular Meeting Minutes – June 27, 2023**
3. **Delegations**
4. **Correspondence Log**
5. **Billing Adjustments/Disputes - None**
6. **Approval of Bills - None**
7. **Finance Director Report**
8. **Project Updates**
 - a. **Meter Replacement Project**
 - b. **Niantic Pump Station Rehabilitation Project**
 - c. **Well 2A Raw Water Transmission Main Project**
9. **Chairman's Report**
10. **Discussion and Possible Action on Spinnaker Sewer Maintenance Agreement – FY2024**
11. **Discussion and Possible Action on Charges for Delinquent Interest**
12. **Schedule Dates/Times for Capital, Rate, and Sewer Capacity Subcommittees**
13. **Staff Updates**
 - a. **Water Department Monthly Report**
 - b. **Sewer Department Monthly Report**
14. **Future Agenda Items**
15. **Adjournment**

**EAST LYME WATER & SEWER COMMISSION
REGULAR MEETING
TUESDAY, JUNE 27th, 2023
MINUTES**

The East Lyme Water & Sewer Commission held a Regular Meeting on Tuesday, June 27, 2023. Chairman Seery called the Regular Meeting to order at 7:00 PM.

PRESENT: Kevin Seery, Chairman, Steve DiGiovanna, Dave Murphy, Dave Bond, Carol Russell, Dave Zoller, Ken Roberts, Michelle Williams

ALSO PRESENT: Joe Bragaw, Public Works Director
Ben North, Municipal Utility Engineer
Matt Garneau, Assistant Utility Engineer
Anne Santoro, Deputy First Selectman

ABSENT: Roger Spencer

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. The Pledge was observed.

2. Approval of Minutes

- **Regular Meeting Minutes – May 23, 2023**

Mr. Seery called for a motion or any discussion on the Regular Meeting Minutes of May 23, 2023.

****MOTION (1)**

Mr. DiGiovanna moved to approve the Regular Meeting Minutes of May 23, 2023 as presented.

Mr. Murphy seconded the motion.

Vote: 6 – 0 – 2. Motion passed.

Abstained: Mr. Seery, Ms Williams

3. Delegations

Ms. Seery called for delegations.

There were none.

4. Billing Adjustments/Disputes

- **Niantic Cinema – 279 Main Street**

Mr. North recalled the sewer charge and suggested that it be removed as the water did not go into the sewer.

****MOTION (2)**

Mr. DiGiovanna moved that the charge be reduced from \$1670.54 to \$683.10 to reflect the water.

Mr. Zoller seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

- **2 Tappan Zee Lane**

Mr. North explained that this was handled by him in-house and that he had provided the information for them to see. It involved a broken washing machine hose.

EAST LYME
WATER & SEWER COMMISSION

JUL 25 2023

AGENDA# 2a

RECEIVED FOR RECORD
EAST LYME, CT
2023 JUL -6 A 10:09
TOWN CLERK

5. Approval of Bills

There were none.

6. Finance Director Report

Mr. Gervais was not present but had presented copies of his report. (Attached to Minutes)

7. Discussion and Possible Action on DOT Exit 74 Purchase Order Amendment for Consulting Engineering Services

Mr. North noted that the DOT Exit 74 project is continuing and that it is necessary to increase the purchase order to Weston & Sampson to continue their engineering services into the construction phase of the work as change orders and redesign work is required, So far invoices of about \$33,000 have been submitted to the DOT for work performed and 100% reimbursement has been received to date.

****MOTION (3)**

Mr. Murphy moved to increase the purchase order #21-02079 by \$20,000 from the sewer assessment fund for continued engineering work as part of the DOT Exit 74 Project, #0044-0156. Mr. DiGiovanna seconded the motion.

Mr. DiGiovanna asked about the by-pass pump.

Mr. North said that he does not think that it will be necessary as most of the work is being done at night. They will also tie Costco in late at night

Vote: 8 – 0 – 0. Motion passed.

8. Project Updates

▪ Meter Replacement Project

Mr. Gameau reported that 5,312 meters have been replaced and that they are 80% complete.

Mr. Seery suggested putting in RED in the November billing that there would be a \$50 meter read charge if meters were not changed out.

▪ Niantic Pump Station Rehab Project

Mr. Gameau reported that a lot of the items are on order – VFD's, valves etc.

▪ Annual Water Quality Report

Mr. North said that they had incorporated supplemental items into the report that had been mentioned previously. The report is on the website.

9. Correspondence Log

There were no comments.

10. Chairman's Report

Ms. Seery reported:

- The Celebrate East Lyme event would be held on July 15 culminating with fireworks in the evening.
- Every Wednesday and Friday there are free concerts with donations welcome.
- The I-95 project is going along very well; the State has been very responsive to all concerns.
- The route 161 corridor study is being worked on. They are working out a sidewalk from the high school to Route 156.
- They are working out offering a retirement incentive of +4% (no medical etc.)

A reminder - Town Hall Hours will be changing effective July 10, 2023 – Monday – Thursday – 8AM to 5PM and Fridays 8 AM to 11:30 AM.

11. Discussion and Possible Action on the Formation of Subcommittees

Mr. Seery asked for members interested in the Sewer Capacity subcommittee (no more than three)
Ms. Russell and Mr. Zoller said that they would like to be on it.

Mr. Seery asked for members interested in the Capital Projects (Finance) subcommittee.
Mr. DiGiovanna, Mr. Murphy and Mr. Roberts said that they would like to be on this subcommittee.
This subcommittee is Full.

Mr. Seery asked for members interested in the Sub-metering, Rates and Leaks subcommittee.
Mr. Bond and Ms. Williams said that they would like to be on this subcommittee.

Mr. Seery noted that Mr. Spencer could pick from one of the two that only have two people on them.

****MOTION (4)**

Mr. DiGiovanna moved that Ms. Russell and Mr. Zoller would form the Sewer Capacity subcommittee; Mr. DiGiovanna, Mr. Murphy and Mr. Roberts would fill the Capital Projects – Finance subcommittee and Mr. Bond and Ms. Williams would be on the Sub-metering, Rates and Leaks subcommittee.

Ms. Williams seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

12. Staff Updates

a. Water Department Monthly Report

Mr. North noted that they are in good shape so far for the summer with the water interconnection.

Mr. Bragaw said that they have two (2) new water people working in the department.

Mr. Bond asked if we met what we were supposed to send to New London for water.
Mr. North said that we are good so far.

b. Sewer Department Monthly Report

Ms. Russell asked about the department of corrections as it looked like the numbers were going up.
Mr. Seery said that the population has been growing and that it has been creeping up to pre-Covid numbers from 400 to 900.

13. Future Agenda Items

- Homeowner Water Line Leak Insurance
- Irrigation Sub-metering Policy
- Sewer Capacity

These items were previously discussed.

14. Executive Session – Pending Litigation Sewer Assessment Appeal(s)

****MOTION (5)**

Mr. DiGiovanna moved to enter into Executive Session – Pending Litigation Sewer Assessment Appeals at 7:44 PM inviting Mr. Bragaw, Mr. North, Mr. Garneau and Ms. Santoro to join them.

Mr. Murphy seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

The Commission came out of the first Executive Session at 7:54 PM with no action taken.

14. b. Executive Session – Personnel Matters

****MOTION (6)**

Mr. DiGiovanna moved to enter into Executive Session regarding discussion on Personnel Matters at 7:55 PM inviting Mr. Bragaw and Ms. Santoro to join them.

Mr. Murphy seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

The Commission came out of the Second Executive Session at 8:20 PM.

15. ADJOURNMENT

Ms. Seery called for a motion to adjourn.

****MOTION (7)**

Mr. DiGiovanna moved to adjourn this Regular Meeting of the East Lyme Water & Sewer Commission at 8:21 PM.

Mr. Murphy seconded the motion.

Vote: 8 – 0 – 0. Motion passed.

Respectfully submitted,

**Karen Zmitruk,
Recording Secretary**

Memo

To: Kevin A. Seery, First Selectman
Water & Sewer Commission
Joe Bragaw, Director of Public Works
Benjamin M. North, Utility Engineer

From: Kevin Gervais Jr., Finance Director

Date: June 27, 2023

Re: Month End Reports – June 27, 2023

Water:

The available cash balance in Water Operations at June 27, 2023, was \$3,297,382. Of the current cash balance available, \$189,640 is held for Meter Deposits and \$2,000,000 is invested into the CT STIF Account at an interest rate of 5.14%.

See Revenue Summary by Month Report for revenue breakdown. Water has currently brought in 90% of its budgeted revenues (\$3,694,236 recorded vs. \$4,113,000 budgeted).

Total Water operating expenditures for the year to date total \$3,722,897. Encumbrances total \$141,478. See handout for expenditure detail.

Sewer:

The available cash balance in Sewer Operations as of June 27, 2023 was \$346,290 compared to \$915,250 in June 2022.

See Revenue Summary by Month Report for revenue breakdown. Sewer has currently brought in 97.3% of its budgeted revenues (\$2,413,000 recorded vs. \$2,479,500 budgeted).

Total sewer operating expenditures for the Year to date are \$1,982,979. Encumbrances total \$296,675 to date. See handout for expenditure detail.

Sewer Assessment:

The available cash balance in Sewer Assessment as of June 27, 2023 is \$4,358,851 compared to \$3,852,707 in June 2023. Of this cash, \$4,069,546 is invested in the State of Connecticut STIF (Short Term Investment Fund) account earning 5.14%. This will generate nearly \$16,800 in monthly interest income for the Sewer Assessment Fund. I am targeting to have less than \$500,000 in the non-interest bearing checking account at any given time in an effort to maximize the investment earnings we can achieve.

Attachment
Finance Report
to WWS 6/27/23

Range of Accounts: 06- - - - to 07-99-999-999-999 Include Cap Accounts: Yes AS Of: 06/27/23
Skip Zero Activity: Yes

NOTE: This report includes ONLY activity originally Budgeted/Charged to Budget Year 3.
Prior Year Budgeted/Encumbered/Payable amounts rolled to Budget Year 3 have been EXCLUDED.

Account No	Description	Budgeted	Transfers	Encumber	Net Expd/Reimb	Payable	Balance YTD	%Used
06-00-000-000-000	SEWER DEPARTMENT							
06-01-114-000-000	OPERATIONS, MAINTENANCE AND AD							
06-01-114-100-121	FICA/Medicare	42,500.00	0.00	0.00	41,780.47	0.00	719.53	98
06-01-200-000-000	EQUIPMENT							
06-01-200-100-007	Vehicle - Lease Payment	28,558.00	0.00	0.00	26,178.13	0.00	2,379.87	92
06-01-300-000-000	OPERATION & MAINTENANCE							
06-01-300-100-000	OPER & MAINT PAY AND BENEFITS							
06-01-300-100-101	SALARIES & WAGES	306,900.00	0.00	0.00	311,528.49	0.00	4,628.49-	102
06-01-300-100-102	Field OT	58,300.00	0.00	0.00	47,649.30	0.00	10,650.70	82
06-01-300-100-122	PERSONNEL BENEFITS	151,600.00	24,173.08-	115,523.26	11,903.45	0.00	0.21	100
06-01-300-500-000	OPERATIONS & MAINTENANCE EXPEN							
06-01-300-610-210	TREATMENT PLANT & SYSTEM FEE	955,200.00	18,407.99-	56,913.50	879,878.51	0.00	0.00	100
06-01-300-610-215	MAINTENANCE OF PUMP STA EQUIP	80,000.00	0.00	20,603.21	59,287.94	0.00	108.85	100
06-01-300-610-217	Maintenance of wet wells	55,000.00	0.00	0.00	55,000.00	0.00	0.00	100
06-01-300-610-220	MAINTENANCE OF SYSTEM	11,000.00	0.00	1,000.00	9,476.99	0.00	523.01	95
06-01-300-610-221	Infiltration/Inflow Improvements	1,000.00	1,000.00-	0.00	0.00	0.00	0.00	0
06-01-300-610-225	MATERIALS & SUPPLIES	10,500.00	0.00	2,595.02	4,882.99	0.00	3,021.99	71
06-01-300-610-230	UTILITIES	162,000.00	11,000.00-	18,239.53	132,760.47	0.00	0.00	100
06-01-300-610-231	Telephones	5,900.00	600.00-	956.22	4,343.78	0.00	0.00	100
06-01-300-610-235	FUEL OIL AND GASOLINE	28,800.00	0.00	8,325.90	19,623.63	0.00	850.47	97
06-01-300-610-240	CHEMICALS	124,400.00	3,100.00	6,712.16	116,287.84	0.00	4,500.00	96
06-01-300-610-250	O&M EXPENSE	15,140.00	3,500.03-	1,274.47	10,120.79	0.00	244.71	98
06-01-300-610-260	MAINTENANCE OF VEHICLES	8,500.00	0.00	750.00	7,719.03	0.00	30.97	100
06-01-400-000-000	ADMINISTRATION PAY AND BENEFIT							
06-01-400-100-101	SALARIES & WAGES	189,600.00	2,437.34	0.00	192,603.22	0.00	565.88-	100
06-01-400-200-000	ADMINISTRATION GENERAL							
06-01-400-200-140	LEGAL & ACCOUNTING	20,300.00	3,000.00-	918.50	10,131.50	0.00	6,250.00	64
06-01-400-200-210	OUTSIDE SERVICES	21,600.00	0.00	1,480.79	20,119.21	0.00	0.00	100
06-01-400-200-290	INSURANCE P, D&L	38,800.00	1,067.64-	37,150.36	582.00	0.00	0.00	100
06-01-400-300-243	PROFESSIONAL DEVELOPMENT	1,200.00	391.56-	0.00	808.44	0.00	0.00	100

Account No	Description	Budgeted	Transfers	Encumber	Net Expd/Reimb	Payable	Balance	YTD %Used
06-01-400-300-320	SUPPLIES & MISCELLANEOUS	2,200.00	909.71-	408.04	882.25	0.00	0.00	100
06-01-500-500-000	CAPITAL REPLACEMENT/IMPROVEMEN							
06-01-500-500-330	NEW SERVICES/PROJECTS	80,500.00	0.00	0.00	0.00	0.00	80,500.00	0
06-01-600-600-000	OPERATING RESERVE	50,000.00	4,049.99-	23,824.16	19,430.68	0.00	2,695.17	94
06-01-600-600-400	CONTINGENCY	30,000.00	65,000.00	0.00	0.00	0.00	95,000.00	0
06-01-800-800-801	OTO - Operating Transfer Out	2,479,498.00	2,437.34	296,675.12	1,982,979.11	0.00	202,281.11	92
CAFR: 01	Total							
Fund: 06	SEWER DEPARTMENT Budgeted Total	2,479,498.00	2,437.34	296,675.12	1,982,979.11	0.00	202,281.11	92
Fund: 06	SEWER DEPARTMENT Non-Budgeted Total	0.00	0.00	0.00	0.00	0.00	0.00	0
Fund: 06	SEWER DEPARTMENT Total	2,479,498.00	2,437.34	296,675.12	1,982,979.11	0.00	202,281.11	92
07-00-000-000-000	WATER DEPARTMENT							
07-01-114-100-121	FICA/MEDICARE	88,548.00	5,800.00-	0.00	80,852.28	0.00	1,895.72	98
07-01-300-000-000	SALARIES, WAGES & BENEFITS							
07-01-300-200-201	BONDS/PRINCIPAL	765,127.00	0.00	0.00	744,901.03	0.00	20,225.97	97
07-01-300-200-202	Meter Replacement Project Bonds	120,000.00	43,980.00	968.46	154,269.70	0.00	8,741.84	95
07-01-300-340-000	NEW SERVICES	8,000.00	725.00-	0.00	7,275.00	0.00	0.00	100
07-01-300-340-345	NEW SERVICES	2,500.00	0.00	0.00	106.40-	0.00	2,606.40	4-
07-01-300-340-346	NEW METERS							
07-01-300-390-000	EQUIPMENT							
07-01-300-390-394	TOOLS & EQUIPMENT	9,000.00	449.94	149.02	9,300.92	0.00	0.00	100
07-01-300-390-397	COMMUNICATIONS EQUIPMENT	8,500.00	0.00	898.70	7,198.77	0.00	402.53	95
07-01-300-400-427	BONDS INTEREST	254,449.00	0.00	0.00	246,114.11	0.00	8,334.89	97
07-01-300-500-520	OPERATING TRANSFERS OUT	67,329.00	0.00	0.00	67,329.00	0.00	0.00	100
07-01-300-500-521	OTO - Sewer Assessment Fund	35,000.00	0.00	0.00	35,000.00	0.00	0.00	100
07-01-300-610-000	SOURCE OF SUPPLY MAINTENANCE E							
07-01-300-610-614	MAINTENANCE OF WELLS	84,300.00	18,331.00	26,745.00	70,680.90	0.00	5,205.10	95
07-01-300-620-000	PUMPING OPERATION EXP							
07-01-300-620-622	Fuels	38,900.00	5,000.00	6,835.58	37,064.42	0.00	0.00	100
07-01-300-620-623	Electricity	310,000.00	0.00	30,719.94	239,280.06	0.00	40,000.00	87

Account No	Description	Budgeted	Transfers	Encumber	Net Expd/Reimb	Payable	Balance	YTD %Used
07-01-300-630-000	PUMPING MAINTENANCE EXP							
07-01-300-630-631	MAINTENANCE OF PUMPING STATION	40,000.00	12,500.00-	1,400.00	26,100.00	0.00	0.00	100
07-01-300-640-000	WATER TREATMENT EXP							
07-01-300-640-641	CHEMICALS	403,000.00	27,000.00	20,000.00	403,083.05	0.00	6,916.95	98
07-01-300-660-000	TRANSMISSION & DISTRIBUTION EX							
07-01-300-660-665	MISC MAPS & RECORDS	2,900.00	751.74-	960.00	1,188.26	0.00	0.00	100
07-01-300-660-666	Safety Equip/Training	17,500.00	3,188.90-	500.00	13,811.10	0.00	0.00	100
07-01-300-670-000	TRANSPORTATION & DIST MAINT EX							
07-01-300-670-671	MAINTENANCE OF O & M	15,140.00	1,757.85-	839.77	11,256.37	0.00	1,286.01	90
07-01-300-670-673	MAINT OF TRANSMISSION & DISTR	88,000.00	36,848.46	1,346.72	123,239.51	0.00	262.23	100
07-01-300-670-677	MAINTENANCE OF HYDRANTS	2,000.00	410.50-	0.00	1,589.50	0.00	0.00	100
07-01-300-900-000	CUSTOMER ACCOUNTS EXP							
07-01-300-900-903	CUSTOMER RECORDS & COLLECTION	46,000.00	7,000.00-	5,045.55	33,954.45	0.00	0.00	100
07-01-300-920-201	ADMINISTRATIVE ASSISTANT SALAR	71,600.00	1,000.00-	0.00	70,637.53	0.00	37,53-	100
07-01-300-920-202	PW & FINANCE DIR, UTL ENG-SALA	231,800.00	2,562.65-	0.00	225,557.90	0.00	3,679.45	98
07-01-300-920-204	FIELD PERSONNEL SALARIES	597,500.00	33,000.00	0.00	617,682.37	0.00	12,817.63	98
07-01-300-920-205	Field Personnel Salaries OT	85,300.00	3,000.00	0.00	84,640.06	0.00	3,659.94	96
07-01-300-920-206	Meter Installers - Temporary	170,560.00	84,810.55-	0.00	83,215.95	0.00	2,533.50	97
07-01-300-920-210	OFFICE SUPPLIES & MISC	2,200.00	535.12-	288.03	1,376.85	0.00	0.00	100
07-01-300-920-220	Interconnection	102,900.00	5,242.88	0.00	108,142.88	0.00	0.00	100
07-01-300-920-230	OUTSIDE SERVICES	87,500.00	0.00	18,005.50	65,979.80	0.00	3,514.70	96
07-01-300-920-240	INSURANCE - PROPERTY	26,400.00	279.56-	0.00	1,187.00	0.00	24,933.44	5
07-01-300-920-260	EMPLOYEE BENEFITS & PENSIONS	318,100.00	6,500.00-	0.00	12,427.00	0.00	299,173.00	4
07-01-300-930-321	VEHICLE EXPENSE	14,000.00	6,133.11-	0.00	7,866.89	0.00	0.00	100
07-01-300-930-323	Vehicle Acquisition Payments	74,028.00	1,180.98-	0.00	62,856.77	0.00	9,990.25	86
07-01-300-930-325	Capitol Projects	10,000.00	10,000.00-	0.00	0.00	0.00	0.00	0
07-01-300-930-326	DOT Exit 74 Project Hydraulic Model	9,000.00	0.00	0.00	10.00	0.00	8,990.00	0
07-01-300-930-999	CONTINGENCY	120,000.00	25,278.97-	26,776.45	67,933.47	0.00	11.11	100
CAFR: 01	Total	4,327,081.00	2,437.35	141,478.72	3,722,896.50	0.00	465,143.13	89
07-98-100-000-001	Refund of Revenues	0.00	0.00	0.00	6,148.68	0.00	6,148.68-	0
CAFR: 98	Total	0.00	0.00	0.00	6,148.68	0.00	6,148.68-	0
Fund: 07	WATER DEPARTMENT Budgeted Total	4,327,081.00	2,437.35	141,478.72	3,722,896.50	0.00	465,143.13	89
Fund: 07	WATER DEPARTMENT Non-Budgeted Total	0.00	0.00	0.00	6,148.68	0.00	6,148.68-	0
Fund: 07	WATER DEPARTMENT Total	4,327,081.00	2,437.35	141,478.72	3,729,045.18	0.00	458,994.45	89

Account No	Description	Budgeted	Transfers	Encumber	Net Expd/Reimb	Payable	Balance YTD	%Used
	Final Budgeted	6,806,579.00	4,874.69	438,153.84	5,705,875.61	0.00	667,424.24	90
	Final Non-Budgeted	0.00	0.00	0.00	6,148.68	0.00	6,148.68	0
	Final Total	6,806,579.00	4,874.69	438,153.84	5,712,024.29	0.00	661,275.56	90



**WATERFORD UTILITY COMMISSION
SPECIAL MEETING MINUTES**

DATE: July 11, 2023

PLACE: 1000 Hartford Turnpike

PRESIDING: Chairman Ken Kirkman

MEMBERS PRESENT: Ray Valentini and Steve Negri

ALSO PRESENT: J. Robert Tuneski, Board of Finance Liaison

Staff: James A. Bartelli, Director of Utilities

Chairman Ken Kirkman called the meeting to order at 6:27 p.m.

CITIZEN SESSION-None

SECRETARY'S REPORT

MOTION Made by Mr. Negri to approve the Special Minutes of the June 20th & 28, 2023 meeting with a revision to June 20th meeting minutes under Plan Reviews, Mr. Valentini seconded.

VOTE The motion passed unanimously.

BILLING ADJUSTMENTS

The Commission reviewed the June adjustments. The adjustment report will be kept in the office for review.

EXPENDITURES

MOTION Made by Mr. Negri to approve the End of Year FY23 bill list, Mr. Valentini seconded.

VOTE The motion passed unanimously.

OLD BUSINESS

- Director's Report
Mr. Bartelli reviewed his report that provides updated information on all Utility Commission Capital projects that are currently funded and the status of each project.

- The Collection Report
Report will be e-mailed to the Commissioners.
- Utility Billing Software Billing Update
The new software officially launched June 26, 2023. WUC continue to work with various vendors to achieve full implementation.
- Contract #1 Sewer Interceptor Access update
Utility Commission staff met with Wright–Pierce Engineers (W/P) on June 13, 2023 to review the project, W/P is currently preparing a task order.

- Plastic Water Service Line Replacement Program

Work commenced on this project on May 22, 2023. The City of New London contract service provider, Veolia and Waterford Utility Commission Maintenance Staff, operating independently, have replaced 42 plastic services within the Shore Road paving project area. Waterford crews are currently working on Niantic River Road, 43 services have been identified for replacement. A request for an additional \$181,300.00 to replace plastic water services on Old Norwich Rd was acted upon by the Board of Selectman on June 20, 2023 and forwarded to the Board of Finance for their action on July 19, 2023

- Fargo Water Tank Rehabilitation

The Utility Commission accepted the recommendation from Haley Ward Engineering dated June 23, 2023 recommendation the Fargo Water Tank refurbishment project be awarded to Utility Service Company for the bid price of \$990,900.00 and forward to the Board of Selectman for award.

The Board of Selectman is scheduled to act on the recommendation July 11, 2023

- Old Norwich Pump Station Upgrade

This project was placed out bid 6/30/22 as a combination project which entailed the refurbishment of both Old Norwich and Cross Rd stations. The bids received far exceeded our available funding. A letter request to the Board of Selectman to appropriate the currently designated \$544,000.00 was approved May 16, 2023 and forwarded to the RTM for their action. On June 5, 2023 the RTM acted to appropriate the designation. Wright- Pierce Engineers have prepared the bid documents. A non-mandatory pre-bid is scheduled for July 25, 2023.

NEW BUSINESS

- Review of Sewer Assessment Account # 060059534

Mr. Bartelli explained the situation regarding this sewer benefit assessment 23 years ago.

MOTION made by Mr. Negri to make a recommendation to the Board of Selectman to write off a balance on Acct# 060059534 in the amount of \$5200.46 for a sewer benefit assessment, seconded by Mr. Valentini.

VOTE The motion passed unanimously.

City of New London/Veolia Report

The current monthly report was not available at the time of meeting. Report will be emailed when received to the Commission.

PLANS REVIEW

Application for 122-124 Boston Post Road- Proposed Chipotle

PERSONNEL

Mr. Bartelli reported that the Department needs a couple of people for summer positions to conduct lawn care and general maintenance at the Pump Stations. Also, our Maintenance Division Sewer Tech 1 position remains open.

ADJOURNMENT

With no further business before the Commission, the meeting adjourned at 7:44 p.m.

MOTION made by Mr. Valentini to adjourn, Mr. Negri seconded.

VOTE The motion passed unanimously.

Respectfully submitted,
Amy L. Windle
Recording Secretary

AGREEMENT RE MAINTENANCE OF SEWER PUMP STATION

THIS AGREEMENT, made on this ____ day of _____, 20__ by and between the EAST LYME WATER AND SEWER COMMISSION (the "Commission"), acting as the Town of East Lyme's duly designated Water Pollution Control Authority, and SPINNAKER ASSOCIATION, INC. (the "Association").

WITNESSETH:

WHEREAS, the Association is the association of unit owners of a common interest community known as Spinnaker ("Common Interest Community"), created by a declaration of Spinnaker Homes, LLC, dated December 10, 2003 and recorded on December 19, 2003 in Volume 653 at Page 12 of the East Lyme Land Records ("Spinnaker Declaration");

WHEREAS, the common elements of the Common Interest Community includes a community sewerage system, which further includes a sewer pump station (the "Spinnaker Pump Station");

WHEREAS, the Association is responsible for the operation, maintenance, repair and replacement of the common elements of the Common Interest Community, including the Spinnaker Pump Station; and

WHEREAS, the Association has requested that the Commission operate and maintain the Spinnaker Pump Station, and the Commission is willing to perform such operation and maintenance services on the terms and conditions hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is agreed:

- 1. The Commission will provide such services as may be necessary to operate, maintain and keep in good repair the Spinnaker Pump Station, including

EAST LYME
WATER & SEWER COMMISSION

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pumping machinery and related structures and equipment, at reasonable efficiency and reliability consistent with the design capacity and capability of the installed machinery and equipment.

2. The services provided by the Commission shall be in accordance with generally accepted industry standards, and shall be performed in the same manner as the Commission maintains its own pump stations. The Commission will maintain records of its work in the same format and manner as it keeps records for its own pump stations.

3. The term of this agreement shall begin on August 1, 2023 and end at midnight on June 30, 2024.

4. On or before the fifteenth (15th) day of each month, the Commission will send a statement to the Association setting forth its charges for routine maintenance, non-routine maintenance, emergency services, materials and supplies and equipment and vehicles used in the operation, maintenance and repair of the Spinnaker Pump Station during the preceding month, and the Association shall pay said statement within thirty (30) days after the date thereof. Such charges shall be determined and calculated as follows:

A. Routine maintenance services are more particularly described in the "Preventative Maintenance Schedule" appended hereto as Attachment A. Such services may be performed between the hours of 7:00 a.m. and 3:30 p.m. three (3) times per week, generally occurring on but not limited to Mondays, Wednesdays and Fridays. Routine maintenance shall be charged at the fixed fee set forth in Section 1 of the attached Rate Schedule.

B. Non-routine maintenance shall be any maintenance services not described in Attachment A. By way of example and not by way of limitation, such services would include wet well cleaning, pump rebuilds, sewer line cleaning, and emergency generator repairs. The Commission will provide such services only upon the prior notice from the Commission and approval by the Association's designated representative. Non-routine maintenance shall be charged at the hourly rate set forth in Section 2 of the attached Rate Schedule.

C. Emergency services shall be any non-maintenance service rendered in response to an alarm received by the Commission or the East Lyme Emergency Dispatch Center. Emergency services may be rendered without prior approval of the Association. By way of example and not by way of limitation, such services would include alarm call-outs and status determinations, machinery malfunctions and sewerage overflows. Emergency services rendered during the normal weekday work hours between 7:00 a.m. to 3:30 p.m. shall be charged at the hourly rate set forth in Section 2 of the attached Rate Schedule. Emergency services rendered outside normal weekday working hours will be charged at the hourly rate set forth in Section 3 of the attached Rate Schedule. Charges for an emergency repair job which begins during normal weekday working hours and extends outside such hours will be pro-rated at the hourly rates set forth in Sections 2 and 3 of the attached Rate Schedule. Emergency call-outs after normal working hours or on weekends and holidays shall be billed for a minimum period of time of three (3) hours.

D. Materials and supplies incidental to routine maintenance, such as disposable gloves, absorbent pads and cleaners are included in the fixed fee for routine maintenance set forth in Section 1 of the attached Rate Schedule. The charge for all other materials, parts and supplies, including chemicals used in the maintenance or repair of the Spinnaker Pump Station shall be the Commission's cost for such materials, parts and supplies, plus fifteen (15%) percent.

E. Equipment and vehicles used by the Commission for emergency services and repairs and non-routine maintenance will be charged at the rate set forth in Section 4 of the attached Rate Schedule.

F. Outside contractors used for non-routine maintenance services or for emergency call-outs shall be billed to the Association at the Commission's actual cost for such services.

5. The Spinnaker Pump Station, machinery and related equipment shall remain part of the common elements of the Common Interest Community, and at all times shall be subject to the Spinnaker Declaration. Any warranties, guarantees and licenses related to such equipment and machinery shall remain with the Association and will not be transferred to the Commission. The Association shall be solely responsible for obtaining, renewing and maintaining in effect all permits, licenses and approvals necessary for the operation of the pump station and the payment of all fees and expenses related thereto. The Association shall be solely responsible for the provision of all utilities, including but not limited to electricity, telephone, alarm systems, heat and

fuel for emergency generators, and all fees and expenses related thereto. The Association shall be solely responsible for the provision of unobstructed access to the pump station on foot and by vehicle (including the removal of snow and ice when necessary), lawn and grounds and building maintenance, and all fees and expenses related thereto.

6. The Association shall designate in writing the person or persons authorized to deal with the Commission regarding the maintenance and operation of the pump station. If during the term of this Agreement, the Association changes the designated person or persons, then it shall give the Commission notice of the change in accordance with the provisions of Paragraph 12 of this Agreement. Except upon emergencies, said designated representatives shall deal with the Commission's Superintendent of Sewers or the Municipal Utility Engineer, and shall not deal with or issue instructions to the Commission's employees. The Association may notify the Commission of the need for emergency services by contacting the East Lyme Emergency Dispatch Center at (860) 739-3419.

7. This agreement constitutes the entire agreement between the parties relating to the operation and maintenance of the Spinnaker Pump Station. Any prior understanding or representation of any kind preceding the date of this agreement shall not be binding upon either party except to the extent incorporated in this agreement. Any modification of this agreement or additional obligation assumed by either party in connection with this agreement shall be binding only if in writing and signed by the parties hereto.

8. The Association shall indemnify and save harmless the Commission and the Town of East Lyme from and against any and all damages to property or injuries to

or death of any person or persons, including property and employees of the Commission and the Town, and shall defend, indemnify and save harmless the Commission and the Town from and against any and all claims, demands, suits, actions or proceedings of any kind or nature or by anyone whomsoever in any case resulting from or arising out of acts or omissions of the Association or its agents, employees or subcontractors. Notwithstanding the foregoing, the Association shall not be required to indemnify and save harmless the Commission or the Town of East Lyme from and against damages to property or injuries to persons arising out of the negligence or willful misconduct of the Commission or the Town or their employees or agents.

9. The Commission shall be responsible for the prompt repair of any physical damage to real or personal property in the Common Interest Community caused by the Commission, the Town of East Lyme, any subcontractor, and anyone directly or indirectly employed by either of them, including, but not limited to, damaged roadways, curbs, signs, lights, buildings, and motor vehicles.

10. The Association shall carry Comprehensive General Liability Insurance providing for coverage for all damages arising out of bodily injuries or death and Comprehensive Property Damage and Liability Insurance providing for coverage for all damages arising out of injury to or destruction of property, with limits of liability of at least 2,000,000 – General Aggregate/\$1,000,000 – Each Occurrence, and shall name the Town of East Lyme and the Water and Sewer Commission as additional named insureds on said policies and, upon request, provide certificates evidencing such insurance.

11. This Agreement is separate and distinct from any Declarations of Covenants and Restrictions and Agreements regarding Community Sewerage Systems

executed heretofore or hereafter by the Association or its predecessors or successors, and is not to be construed or interpreted as affecting in any way the Association's obligations under said documents. This Agreement is separate and distinct from any individual customer service agreements with residents or owners of units in the Association's community, and is not to be interpreted or construed as affecting in any way said customer service agreements or the sewer usage rates charged to said customers.

12. The waiver of any failure under this agreement shall not be construed as, or constitute a waiver of, any subsequent failure. No delay on the part of either party in exercising any right, power or privilege hereunder shall operate as a waiver thereof.

13. Any notice, request, instruction or other document to be given hereunder by any party hereto to any other party shall be in writing and shall be sufficiently given if delivered in person, sent by facsimile, or sent by registered or certified mail, postage prepaid, as follows:

If to the Association: Spinnaker Association, Inc.
c/o Sound Real Estate Services, LLC
PO Box 118
New London, CT 06320
Facsimile: (860) 333-6536

If to the Commission: East Lyme Water and Sewer Commission
East Lyme Town Hall
108 Pennsylvania Avenue
P.O. Box 519
Niantic, CT 06357
Facsimile: (860) 739-6930

with a copy to: East Lyme First Selectman
East Lyme Town Hall
108 Pennsylvania Avenue
P.O. Box 519
Niantic, CT 06357
Facsimile: (860) 739-6930

or at such other address for a party as shall be specified by like notice. Any notice which is delivered personally in the manner provided herein shall be deemed to have been duly given to the party to whom it is directed upon actual receipt by such party (or its agent for notices hereunder). Any notice which is addressed and mailed in the manner herein provided shall be conclusively presumed to have been duly given to the party to which it is addressed at the close of business, local time of the recipient, on the fifth day after the day it is so placed in the mail (excluding Sundays). A notice which is sent via facsimile in the manner provided herein shall be conclusively presumed to have been given to the party to which it is sent upon confirmation of receipt of such facsimile.

14. In the event that either party breaches any of the provisions of this agreement either party, after previous written notice of the breach and a reasonable opportunity for the other party to cure the breach, shall have the right to terminate this agreement and to bring such actions at law or in equity as may be necessary or desirable to protect and enforce the interests of said party. Any such action shall be brought in the Superior Court for the Judicial District of New London, and each party waives any jurisdictional, venue, convenient forum, removal right or other right to the contrary. Each party waives the right to a jury trial.

15. This agreement shall be governed by, construed and enforced in accordance with the laws of the State of Connecticut.

IN WITNESS WHEREOF, the parties have hereunto set their names and seals and caused this instrument to be executed by their proper officers, as of the day and year first above.

TOWN OF EAST LYME
WATER AND SEWER COMMISSION

(witness)

By: _____

Its Chairman duly authorized

(witness)

SPINNAKER ASSOCIATION, INC.

(witness)

By: _____

Its _____ duly authorized

(witness)

ATTACHMENT A

PREVENTATIVE MAINTENANCE SCHEDULE

Spinnaker Sewer Pump Station

Weekly

Record elapsed time meter readings.

Check airflow indicator to ensure proper bubbler system airflow.

Monitor station during at least one pump down cycle to check for proper control operation along with leaks.

Check oil levels in seal and bearing chambers.

Check belts for wear and tension.

Check sump pump blower and dehumidifier for proper operation.

Verify back-up air pump works.

Switch to the backup air pump only when the lead air pump quits.

Check air release valves for proper operation. Grease, if necessary.

Record suction/discharge gauge readings for both pumps.

Exercise generator.

Perform manufacturer's recommended weekly procedures pursuant to the attached manuals.

Odor Control (Warm Weather Months)

Check operation of chemical feed pumps.

Check Concentration in wet well.

Replenish chemicals as required.

Emergency Power System

Exercise generator under load.

Check all fluids, battery connection and standby charger.

Check fuel levels.

Perform manufacturer's recommended preventive procedures and maintain service records.

Replace engine oil and coolant annually.

Replace starting battery every third year.

Monthly

Exercise plug valves.

Make sure check valves open and close properly.

Lubricate air release valves and check for proper operation.

Re-tension and align belt drives if necessary (after initial run/tension intervals).

Perform simulated power outage and exercise under load.

Semi-Annually

Adjust impeller to wear plate clearance (depending on application this may need to be done quarterly).

Clean air pump filter.

Annually

Change oil in pump seal and bearing chamber or every 4000 hours, whichever occurs first.

Grease motor bearings, in accordance with motor manufacturer's recommended schedule.

Test alarm system for proper operation.

Controls

1. With the exception of the air pumps, the controls do not require routine maintenance. Contacts and relays will be replaced only as needed.

RATE SCHEDULE
(Effective August 1, 2023)

Section 1. – Routine Maintenance

Routine maintenance services rendered during normal weekday working hours (7:00 a.m. to 3:30 p.m.) \$669.06 per month

Section 2. – Non-routine Maintenance

Non-routine maintenance services rendered during normal weekday working hours (7:00 a.m. to 3:30 p.m.) \$63.49 per hour, per person

Section 3. – Emergency Services

- a. During normal weekday working hours \$95.24 per hour, per person
- b. Outside normal weekday working hours, weekends and holidays, except Christmas (3-hour minimum) \$95.24 per hour, per person
- c. Christmas Day (3-hour minimum) \$126.98 per hour, per person

Section 4. – Equipment / Vehicles

- a. Jet rodder truck \$73.70 per hour, per vehicle
- b. Dump truck \$68.75 per hour, per vehicle
- c. Excavator \$90.73 per hour, per vehicle
- d. Pickup truck \$29.70 per hour, per vehicle

Section 5. – Outside Contractors Commission's actual cost plus 10%

To: Water and Sewer Commission

From: Ben North – Chief Operating Officer

CC: Kevin Seery – First Selectman/Chairman of W&S Commission
Joe Bragaw – Director of Public Works
Kevin Gervais – Director of Finance
Matt Garneau – Utility Engineer

Date: Water and Sewer Commission Meeting 7/25/23

Subject: Topics of Discussion for Subcommittees

Finance Subcommittee

- Make Recommendations on Water And Sewer Rates for FY2024
- Implementation of Irrigation Sub Metering
- Sewer Revenue Impacts from Sub Metering
- Linebacker Leak Detection Insurance

Capital Projects Subcommittee

- Review 10 Year CIP for W&S Projects and Provide Input
- Discussion on Bonding Strategy

Sewer Capacity Subcommittee

- Review Historical Sewer Capacity Documentation and Agreements with Towns and State
 - i) NL, WTFD, EL (Tritown) Agreement
 - ii) 2007 Fuss and O’Neill Capacity Report
 - iii) Point O Woods Agreement
 - iv) 2006 DEEP Consent Order Memo
- Determine Best Strategy to Increase Capacity
- Discuss Inflow and Infiltration Project / Policies

**EAST LYME
WATER & SEWER COMMISSION**

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AGENDA# 12

**East Lyme Water Department
Monthly Report for June 2023**

1. General Statistics

TASKS PERFORMED by WATER DEPARTMENT	June 2023	TOTAL THIS YEAR	TOTAL LAST YEAR (July 1st to June 30th)
Meters Installed (New Accounts)	1	21	29
New Meters In System	222	2,541	New / Total
			5457 / 6634 or 82%
New Service Connections Installed	2	19	7
Services and Mains Repaired⁽¹⁾	0 Mainbreaks / 4 Services	42	50
Gallons Pumped (x1000)	66,084	726,745	729,104

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

2. Monthly Average Day Demand (MADD)

	June 2023	June 2022	% Difference LY
Water Produced (Million Gallons Daily)	2.203	2.277	-3.24%

MADD as a % of 3.16 MGD available water (24-hour pumping) = 69.72%

MADD as a % of 2.37 MGD available water (18-hour pumping) = 92.95%

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

1. Precipitation was 1.62 inches for the month of June
2. Staff is continuing meter replacement work. 222 Meters were installed last month. We are on target to be 85% complete by the start of meter reading season in late August.
3. The total volume of water sent to NL is complete. Due to wetter than average conditions, the Interconnection has not been utilized to a major extent yet this summer.

EAST LYME
WATER & SEWER COMMISSION

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AGENDA# 13a

EAST LYME WATER DEPARTMENT

Historic Monthly Water Production Report (x1,000)

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	AVG. Previous Years	22-23	% +/- (Previous Years)	Monthly Precip. (in.)
July	75953	72074	80638	81529	67948	67364	69703	64939	62206	72519	79552	9.70%	1.00
Aug.	72609	69962	71557	73078	62844	61898	65912	66044	63933	67988	75649	11.27%	2.58
Sept.	61524	54918	62752	56264	48592	52642	58151	56757	55281	56450	56869	0.74%	6.00
Oct.	55600	50298	56829	53767	45152	48004	51836	48088	53507	51197	54484	6.42%	3.96
Nov.	53195	46624	56798	51876	39400	51065	45917	40639	52801	48189	54519	13.14%	2.08
Dec.	61753	51289	59049	53697	45664	40675	48171	40399	56781	50087	53467	6.75%	6.94
Jan.	64296	53405	55502	55699	48433	44334	44334	45053	63884	51382	49219	-4.21%	6.99
Feb.	55226	50538	58426	56887	41951	44733	47832	41912	61236	49688	47891	-3.62%	1.30
Mar.	63206	55848	56130	55300	44903	54467	50150	48343	65938	53543	58247	8.78%	3.55
Apr.	58447	54891	56931	49606	46231	52493	48753	49554	60322	52113	59939	15.02%	4.95
May	65790	68621	65388	58395	51915	57692	55327	57411	65009	60067	70825	17.91%	4.69
Jun.	71966	64086	74172	64325	57332	58021	64665	57685	68306	64032	66084	3.21%	1.62
Total	759565	692554	754172	710423	600365	633388	650751	616824	729204	677255			45.66

% +/- (Previous Year) 9.99%

-8.82%

-5.80%

-15.49%

5.50%

2.74%

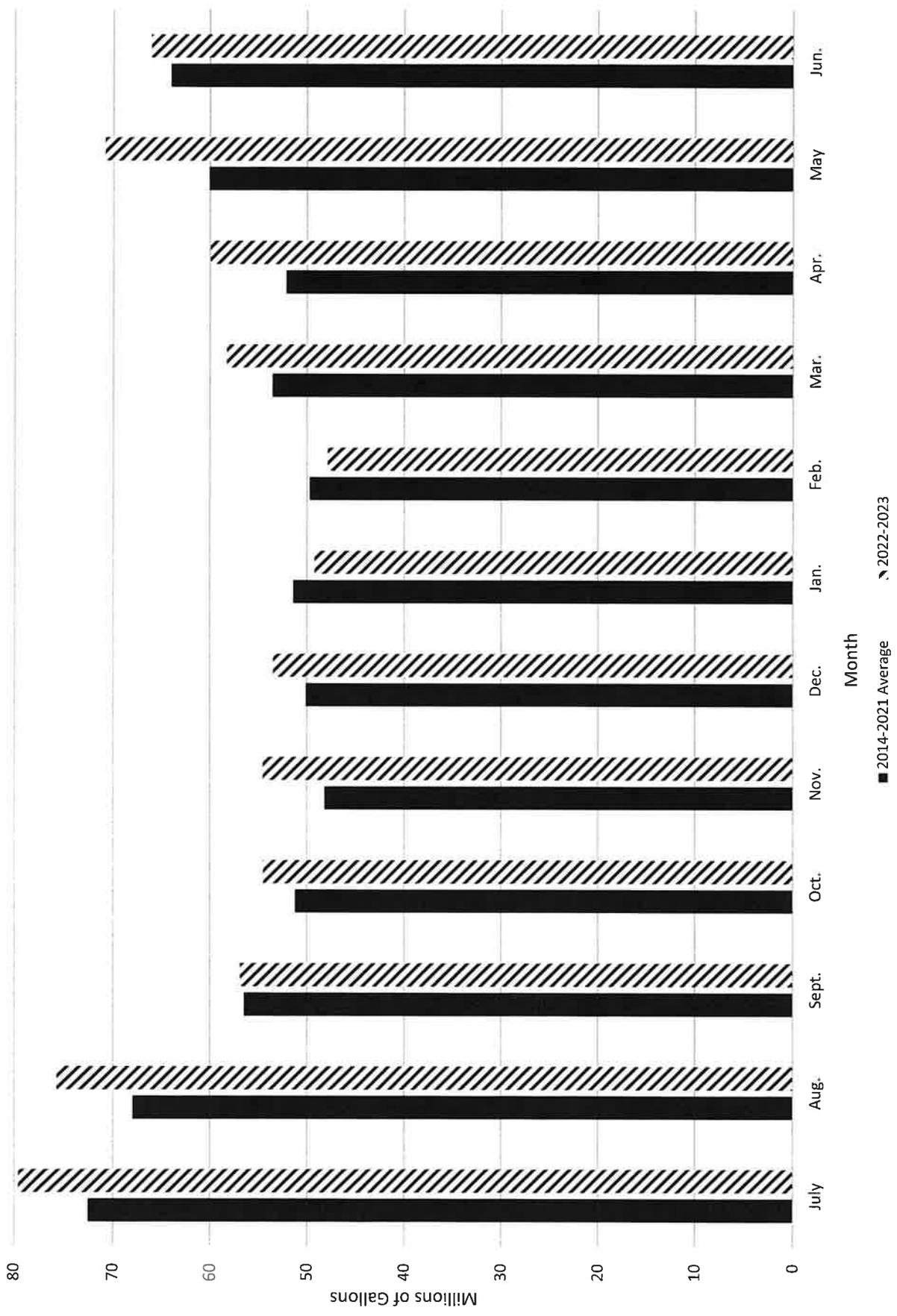
-5.21%

18.22%

% +/- Running Annual Average

7.09%

Water Production by Month



**EAST LYME WATER DEPARTMENT
Well Production Report - June 2023**

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)	Precip inches
	(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. Reg./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	5.784	
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	0.581		0.243		0.135		0.476		0.256		0.260		0.252		0.611	0.854	2.203	0.000	0.043	2.203	
Date	*Alert* Trigger	12.0		4.0		15.0		20.0		6.0		18.0		22.0							
6/1/2023	0.661	13.4	0.222	19.0	0.124	43.0	0.397	25.1	0.198	3.90	0.283	12.2	0.284	35.4	0.521	0.743	2.169	0.000	0.000	2.169	0.00
6/2/2023	0.563	13.3	0.235	19.0	0.172	8.0	0.479	25.0	0.243	4.20	0.254	11.9	0.242	35.3	0.651	0.886	2.188	0.000	0.000	2.188	0.00
6/3/2023	0.591	13.3	0.251	19.0	0.145	8.0	0.421	25.0	0.310	3.80	0.265	12.2	0.253	35.6	0.566	0.817	2.236	0.000	0.186	2.236	0.07
6/4/2023	0.615	13.3	0.240	19.0	0.208	9.0	0.605	25.0	0.216	3.90	0.263	11.1	0.265	35.4	0.813	1.054	2.413	0.000	0.000	2.413	0.00
6/5/2023	0.561	13.3	0.209	19.0	0.124	8.1	0.353	24.8	0.252	3.90	0.255	32.6	0.241	35.3	0.477	0.685	1.994	0.000	0.000	1.994	0.01
6/6/2023	0.573	19.3	0.239	19.0	0.149	42.0	0.437	35.9	0.270	3.80	0.244	12.8	0.246	40.9	0.586	0.825	2.158	0.000	0.000	2.158	0.00
6/7/2023	0.614	13.3	0.211	19.0	0.149	7.9	0.431	24.6	0.262	3.90	0.263	12.3	0.265	35.3	0.580	0.791	2.195	0.000	0.000	2.195	0.00
6/8/2023	0.609	13.3	0.255	19.0	0.164	8.2	0.486	24.8	0.252	3.80	0.255	12.5	0.262	35.3	0.650	0.905	2.283	0.000	0.000	2.283	0.00
6/9/2023	0.563	19.1	0.199	35.0	0.130	8.0	0.372	24.5	0.247	13.90	0.248	12.2	0.242	40.8	0.502	0.702	2.002	0.000	0.000	2.002	0.00
6/10/2023	0.575	13.1	0.249	19.0	0.183	13.7	0.528	25.2	0.248	3.70	0.257	12.1	0.248	35.2	0.711	0.960	2.287	0.000	0.000	2.287	0.03
6/11/2023	0.663	13.3	0.309	19.0	0.187	7.6	0.542	24.6	0.253	3.80	0.295	12.5	0.285	35.6	0.729	1.038	2.535	0.000	0.000	2.535	0.00
6/12/2023	0.526	19.0	0.186	19.0	0.153	8.7	0.433	24.5	0.297	3.90	0.257	32.0	0.229	40.0	0.586	0.772	2.081	0.000	0.127	2.081	0.00
6/13/2023	0.529	19.0	0.239	19.0	0.146	42.0	0.420	35.1	0.249	3.80	0.235	12.8	0.229	40.8	0.566	0.805	2.047	0.000	0.093	2.047	0.20
6/14/2023	0.554	13.3	0.228	19.0	0.154	8.5	0.441	35.2	0.189	3.80	0.248	12.4	0.240	35.7	0.595	0.823	2.054	0.000	0.101	2.054	0.00
6/15/2023	0.503	19.2	0.216	19.0	0.160	42.0	0.470	35.8	0.274	3.70	0.223	12.3	0.217	40.8	0.630	0.847	2.064	0.000	0.000	2.064	0.03
6/16/2023	0.617	13.2	0.271	19.0	0.162	8.0	0.465	24.6	0.217	3.70	0.275	11.9	0.268	35.2	0.627	0.897	2.274	0.000	0.090	2.274	0.00
6/17/2023	0.547	13.3	0.255	19.0	0.150	7.7	0.433	24.6	0.281	3.70	0.243	12.4	0.237	35.4	0.583	0.838	2.146	0.000	0.179	2.146	0.13
6/18/2023	0.632	13.1	0.215	19.0	0.186	8.0	0.552	24.7	0.230	3.80	0.277	12.7	0.276	35.1	0.738	0.953	2.368	0.000	0.000	2.368	0.05
6/19/2023	0.675	13.0	0.295	18.0	0.177	7.7	0.497	24.2	0.293	3.80	0.297	12.5	0.295	34.9	0.674	0.970	2.529	0.000	0.089	2.529	0.00
6/20/2023	0.622	12.8	0.275	19.0	0.174	8.2	0.509	24.3	0.311	3.80	0.277	12.9	0.272	34.9	0.683	0.958	2.440	0.000	0.099	2.440	0.00
6/21/2023	0.499	18.7	0.298	19.0	0.213	7.8	0.617	24.2	0.339	13.70	0.282	12.3	0.218	40.4	0.830	1.128	2.466	0.000	0.112	2.466	0.00
6/22/2023	0.529	19.1	0.232	20.0	0.157	42.1	0.430	24.7	0.276	13.60	0.307	31.8	0.230	40.7	0.587	0.819	2.160	0.000	0.107	2.160	0.00
6/23/2023	0.625	12.9	0.270	18.0	0.161	7.7	0.474	24.2	0.216	3.60	0.284	12.6	0.274	35.0	0.635	0.905	2.304	0.000	0.111	2.304	0.00
6/24/2023	0.499	12.9	0.190	18.0	0.140	7.7	0.394	24.7	0.230	3.70	0.236	12.4	0.219	34.9	0.534	0.724	1.908	0.000	0.000	1.908	0.70
6/25/2023	0.573	13.2	0.261	22.0	0.175	42.0	0.502	35.7	0.255	13.70	0.224	12.8	0.250	35.1	0.677	0.938	2.240	0.000	0.000	2.240	0.07
6/26/2023	0.518	13.1	0.209	19.0	0.012	6.7	0.336	24.2	0.261	3.60	0.216	12.7	0.228	35.0	0.348	0.557	1.780	0.000	0.000	1.780	0.03
6/27/2023	0.548	13.2	0.246	19.0	0.000	42.0	0.570	35.8	0.257	3.60	0.233	12.7	0.240	34.9	0.570	0.816	2.094	0.000	0.000	2.094	0.24
6/28/2023	0.554	13.2	0.208	18.0	0.000	42.0	0.481	35.7	0.194	3.60	0.244	32.7	0.244	35.3	0.481	0.689	1.925	0.000	0.000	1.925	0.04
6/29/2023	0.583	13.2	0.297	20.0	0.000	42.0	0.553	35.1	0.297	3.70	0.267	12.4	0.256	35.2	0.553	0.850	2.253	0.000	0.000	2.253	0.02
6/30/2023	0.703	12.9	0.279	18.0	0.000	42.0	0.655	23.2	0.264	3.60	0.281	12.6	0.310	34.8	0.655	0.935	2.492	0.000	0.000	2.492	0.00
Average	0.581	14.5	0.243	19.5	0.135	19.5	0.476	27.5	0.256	5.10	0.260	15.0	0.252	36.5	0.611	0.854	2.203	0.000	0.043	2.203	0.06
Minimum	0.499	12.8	0.186	18.0	0.000	6.7	0.336	23.2	0.189	3.60	0.216	11.1	0.217	34.8	0.348	0.557	1.780	0.000	0.000	1.780	0.00
Maximum	0.703	19.3	0.309	35.0	0.213	43.0	0.655	35.9	0.339	13.90	0.307	32.7	0.310	40.9	0.830	1.128	2.535	0.000	0.186	2.535	0.70
Total	17.424		7.288		4.055		14.284		7.680		7.788		7.565		18.339	25.628	66.084	0.000	1.294	66.084	1.62

Notes:

- MGD = Million Gallons Per Day
- 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).
- SFR = stream flow restrictions (Wells 5 and 6 not operating).
- NR = No Reading Available
- (1) A condition of the Well 3A diversion permit limits the combined maximum withdrawal from Wells 2A, 3A, and 3B to 1,857 mgd.
- (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.
If Well 3A is not pumped, Well 3B alone can be pumped at 0.993 mgd during "low" stream flow.
- (3) Totals represent well production plus water from New London. Does not include water to New London.

% Recvd. of Total Monthly Demand	0.00	Total Monthly Demand	66.084
% of Total Sent to NL (Wells)	1.96		
Running Total (water received 2023)	0.000		
Goal	14.850		
% of Goal	0.00		
Running Total (water sent to NL 2023)	25.136		
Goal	25.074		
% of Goal	100.25		

July 2023

East Lyme Sewer Maintenance Report for June 2023

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. General equipment maintenance
7. Monitor Odor Control System 31 Arbor Xing for H2s
8. Monitor Odor Control System. 170 Giants Neck Rd for H2S
9. Monitor H2S (Point O Woods)
10. Replace Manhole Frame and Cover (Roxbury RD)
11. Install Wet Well Wizard McCook's Pump Station
12. Install air bladder, Gateway Pump Station
13. Night work, Exit 74 Improvements

EAST LYME
WATER & SEWER COMMISSION

JUL 25 2023

AGENDA# 13b

EAST LYME SEWER FLOWS - HISTORY

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% +/- Prev. Yr.	Precip. 2023 (in.)
JAN.	1,011,343	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	942,646	1,029,157	9.18%	6.99
FEB.	994,771	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	997,413	0.89%	1.30
MAR.	1,026,812	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	948,873	984,116	3.71%	3.55
APR.	1,126,058	938,861	796,611	897,161	778,780	918,456	885,983	962,591	965,456	1,015,438	5.18%	4.95
MAY	1,145,107	913,816	777,446	872,268	746,049	947,042	900,485	951,501	922,857	1,061,763	15.05%	4.69
JUN.	1,007,792	880,190	815,281	849,504	906,535	875,000	882,463	976,981	989,299	984,241	-0.51%	1.62
JUL.	1,038,583	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771	995,433			
AUG.	999,147	977,543	868,636	873,017	905,718	932,181	911,419	978,158	1,000,871			
SEPT.	837,706	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008	921,227			
OCT.	852,281	861,521	738,247	752,273	903,915	806,576	812,506	917,384	905,482			
NOV.	787,769	803,842	709,481	732,848	871,111	815,129	786,482	937,414	864,223			
DEC.	835,260	788,121	728,649	728,437	894,050	927,335	896,694	895,121	950,524			
RUNNING AVERAGE	971,886	894,041	785,390	807,232	873,578	904,936	857,919	954,508	949,628	1,012,021	5.58%	3.85
											Precip. Total	23.10

East Lyme Sewer Department

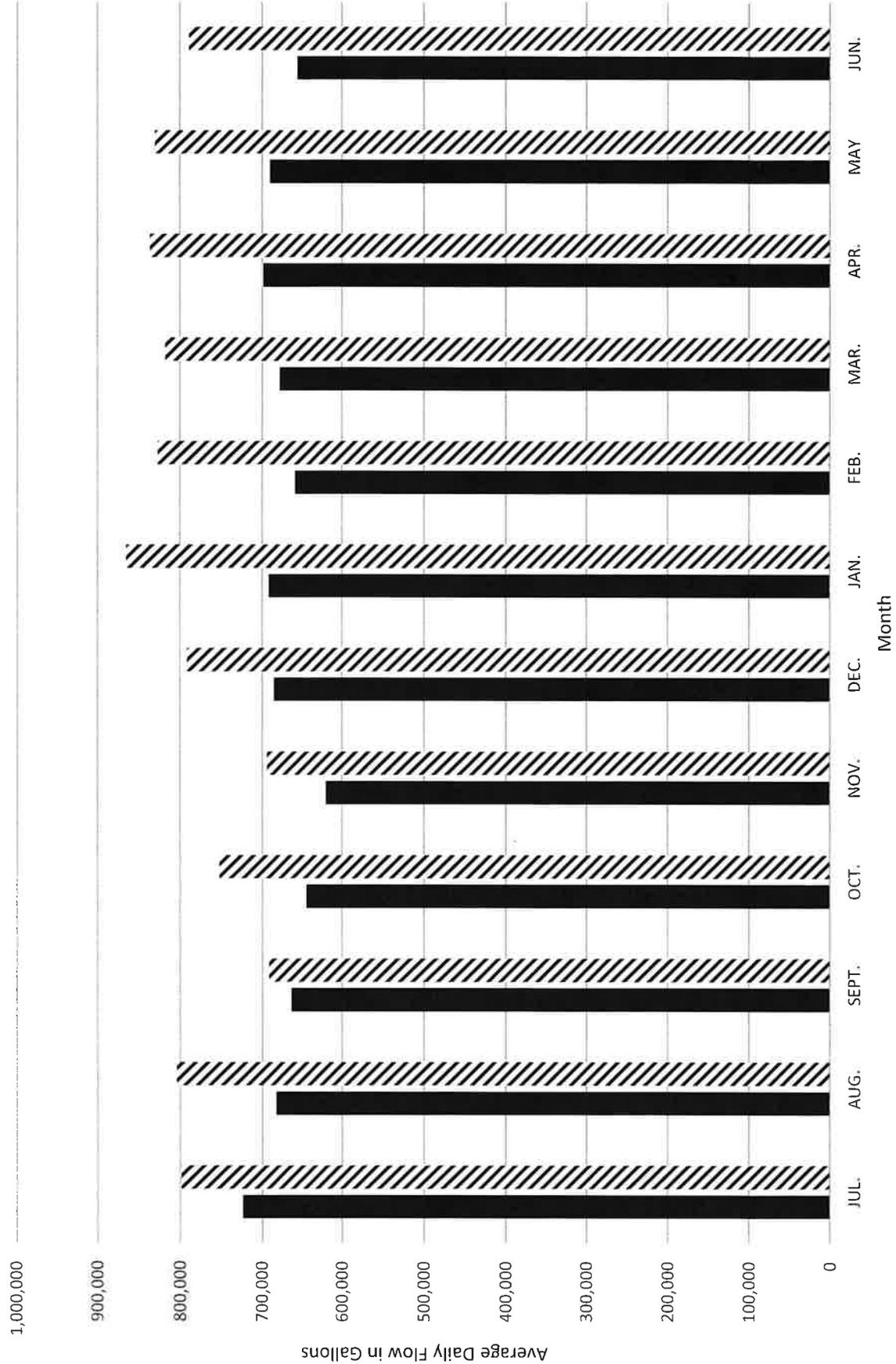
Monthly Average Day Wastewater Flows (MGD)

July 25 2023

Sewer Flows for the Month of June

Year	Month	Total Daily Combined Flows from East Lyme and State				State Average Daily Flows by Facility						State Allocation (0.478 MGD)			East Lyme Allocation (1.022 MGD)		
		Niantic Sewer Pump Station Flows		DOC	Camp Nett	Rocky Neck	POW	Pine Grove	Daily Usage	Capacity Remaining	Percent Capacity Remaining	Daily Usage	Capacity Remaining	Percent Capacity Remaining			
2023		Average	Max	Min	0.250	0.058	0.025	0.105	0.040	0.164	0.314	66%	0.865	0.157	15%		
	January	1.029	1.237	0.893	0.113	0.002	0.000	0.009	0.040	0.170	0.308	64%	0.827	0.195	19%		
	February	0.997	1.054	0.885	0.102	0.010	0.000	0.018	0.040	0.166	0.312	65%	0.818	0.204	20%		
	March	0.984	1.088	0.845	0.108	0.009	0.000	0.009	0.040	0.179	0.299	63%	0.836	0.186	18%		
	April	1.015	1.107	0.866	0.122	0.008	0.000	0.009	0.040	0.231	0.247	52%	0.830	0.192	19%		
	May	1.061	1.153	0.948	0.165	0.009	0.000	0.017	0.040	0.195	0.283	59%	0.789	0.233	23%		
	June	0.984	1.001	0.910	0.105	0.015	0.000	0.035	0.040								
	July																
	August																
	September																
	October																
	November																
December																	
Annual Avg. (Jan - Dec)		1.012	1.107	0.891	0.119	0.009	0.000	0.016	0.040	0.184	0.294	61%	0.827	0.195	19%		
All figures reported in Million Gallons Daily (MGD)												Annual Average (5 years, 6 months)		0.729	0.293	29%	

Sewer Department Average Daily Flow Last Year vs 5 Year Average



■ 2017 - 2021 Average Flow ▨ 2022-2023 Flow