



# Minutes of East Lyme Water and Sewer Commission Public Hearing - 04/22/25

**Date and time:** 04/22/25 6:30 PM to: 04/22/25 8:22 PM

**Present:** Brooke Stevens, Recording Secretary, Commission Members:, David B. Bond, Carol Russell, Dan Cunningham, Chairman, Ken Roberts, David J. Murphy, David R. Zoller, Roger L. Spencer, Lindsay Bollenbach, Michelle Royce Williams

**CC:** Ben North, Municipal Utility Engineer, Ann Cicchiello, Deputy First Selectman, Joe Bragaw, Director of Public Works, Mark Zamarka, Town Attorney, Mitch Nixon, Deputy Finance Director/Purchasing Agent

**Location:** East Lyme Town Hall, Upper Conf. Room, 108 Pennsylvania Ave., Niantic, CT, 06357

## Topics

### 1. Call to Order

**Note:** Chairman Cunningham called the April 22nd, 2025, Public Hearing of the East Lyme Water & Sewer Commission to order at 6:30 p.m. and led those assembled in the Pledge of Allegiance. He did roll call; a quorum was present.

**Note:** The East Lyme Water and Sewer Commission held a Public Hearing to discuss proposed sewer and water rates. Mr. Bragaw clarified that the formal vote on these rates would occur in a subsequent Regular Meeting, not during this Public Hearing.

### 2. Discussion on Proposed Sewer Rates

**Note:** see attachment.  
[1989\\_001.pdf](#)

### 3. Discussion on Proposed Water Rates

**Note:** see attachment.  
[1990\\_001.pdf](#)

**Note:** The proposed rates and supporting documentation were entered into the record (see above attachments, exhibit 1 and exhibit 2.)

### 4. Public Comment

**Note:** There was none.

### 5. Adjournment

**Decision:** MOTION (1)  
Mr. Murphy moved to close the Public Hearing at 6:34 p.m.  
Mr. Zoller seconded the motion.  
Motion carried, 9-0-0.

**Note:** Respectfully Submitted,  
Brooke Stevens, Recording Secretary

EAST LYME  
WATER & SEWER COMMISSION

MAY 27 2025

Water & Sewer April 22<sup>nd</sup>, 2025  
Regular Meeting Minutes

*Printed 11/26/10/10/10/10/10*

2025 MAY - 1 P 3:06

RECEIVED FOR RECORD  
EAST LYME, CT

EAST LYME  
WATER & SEWER COMMISSION

MAY 27 2025

AGENDA# 2b

# Minutes of East Lyme Water and Sewer Commission Regular Meeting - 04/22/25

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**Date and time:** 04/22/25 06:34 pm to: 04/22/25 08:22 pm

**Present:** Brooke Stevens, Recording Secretary, Commission Members:, David B. Bond, Carol Russell, Dan Cunningham, Chairman, Ken Roberts, David J. Murphy, David R. Zoller, Roger L. Spencer, Lindsay Bollenbach, Michelle Royce Williams

**CC:** Ben North, Municipal Utility Engineer, Ann Cicchiello, Deputy First Selectman, Joe Bragaw, Director of Public Works, Mark Zamarka, Town Attorney, Mitch Nixon, Deputy Finance Director/Purchasing Agent

**Location:** East Lyme Town Hall, Upper Conf. Room, 108 Pennsylvania Ave., Niantic, CT, 06357

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## Topics

### 1. Call to Order

**Note** Chairman Cunningham called the April 22nd, 2025, Regular Meeting of the East Lyme Water & Sewer Commission to order at 6:34 p.m.

\*The Public Hearing, which directly preceded this Regular Meeting, started with the Pledge of Allegiance and roll call.

### 2. Additions to the Agenda

**Decision** MOTION (1)

Mr. Cunningham moved to add agenda item 9A, Sewer Department Loan Request.


Ms. Russell seconded the motion.

Motion carried, 9-0-0.

### 3. Approval of Minutes

#### 3-1. Regular Meeting Minutes of March 25th, 2025

**Note** see attachment.

 [Minutes of East Lyme Water and Sewer Commission Regular Meeting 03 25 25.pdf](#)

**Decision** MOTION (2)

Mr. Zoller moved to approve the Meeting Minutes of March 25th, 2025, as submitted.

Mr. Bond seconded the motion.

Motion carried, 6-0-3.


Ms. Bollenbach, Mr. Spencer, and Ms. Royce Williams abstained from the vote due to their absence from the March 25th, 2025, Meeting.

### 4. Public Comment

**Note** There was none.

## 5. Correspondence Log

**Note** see attachment.

 [1992\\_001.pdf](#)


**Note** Mr. Cunningham identified the items on the correspondence log for the record.

## 6. Billing Adjustments/Disputes

**Note** There were no billing adjustments or disputes to discuss.

## 7. Discussion & Possible Action on Cell Tower Lease Agreement

**Note** see attachment.

 [1993\\_001.pdf](#)

**Note** Mr. North presented a proposed amendment to the existing cell tower lease agreement with Sprint Spectrum LP (now T-Mobile). Key points of the amended agreement included:

\*An increase in monthly rent from approximately \$1,700 to \$3,000, aligning with the going rate in the area.

\*A \$5,000 sign-on bonus.

\*A 3% annual escalation clause for rent.

\*Language explicitly stating the tenant's responsibility for relocating cell equipment for tank servicing or painting.

\*Acknowledgement of T-Mobile's prior agreement to pay approximately \$60,000 for temporary relocation during a past painting project as an act of good faith.

**Note** To Ms. Royce Williams' questions about an escalator for additional equipment and exclusive tank access, Mr. North answered no to both.


**Note** Ms. Russell's inquiry about the term's length was answered by Mr. North as a 20-year term with five-year options, and he also confirmed current insurance coverage.

**Note** Mr. Bragaw clarified that it's 5 years with 3 additional terms.

**Note** Ms. Royce Williams asked if the terms can be changed after 5 years and Ms. Russell said she's wondering about inflation. Mr. North replied that that's what the 3% escalator is for.

**Note** Mr. Cunningham asked if the insurance certificate is in place and Mr. North confirmed it is.

**Note** Mr. Murphy asked if this amendment has been reviewed by the attorney and Attorney Zamarka confirmed that his office has reviewed the lease and have a resolution prepared for the Commission's consideration.

 [1991\\_001.pdf](#)

**Note** Mr. Spencer inquired about equipment upgrades, and it was confirmed that they are permitted as long as they are not larger than existing facilities.

**Decision** MOTION (3)

Mr. Murphy RESOLVED, that the East Lyme Water & Sewer Commission authorize its Chair to execute and deliver to Sprint Spectrum, L.P., the First Amendment Lease Agreement concerning the lease of space on the Commission's water tower located on Boston Post Road to Sprint Spectrum, L.P. for the continued use, maintenance, repair, and upgrade of certain cellular telecommunications equipment already in place on the water tower.

Mr. Zoller seconded the motion.

Motion carried, 9-0-0.

## 8. Executive Session- Pending Litigation: Parker's Place & Landmark

**Decision** MOTION (4)

Mr. Zoller to moved to enter Executive Session at 6:46 PM for the purpose of discussing pending litigation, and Staff and the Town Attorney were invited to join the Executive Session.

Mr. Spencer seconded the motion.

Motion carried, 9-0-0.

**Note** The Executive Session ended at 7:39 p.m., and the Regular Meeting resumed.

## 9. Approval of Bills

**Note** There was none.

## 10. Finance Director Report

**Note** Mitch Nixon, Deputy Finance Director, presented the water revenue report, noting \$2.8 million in revenue through the end of March, representing 60.2% of the total yearly revenue and not including the May billing. Expenses are at \$2.253 million, or 48.6% of the budget.

**Note** On the expense side, parentheses indicate overspending in the available budget. Several line items are currently over budget, including New Services, Vehicle Maintenance, Transmission Repair, Electronic Cover, and Asphalt Paving.

**Note** Mr. Bragaw and Mr. North discussed the overages, particularly in New Services due to material costs for upcoming projects and the significant expense of the dump truck repair. They anticipate coming close to budget but noted it would be tight.

**Note** Mr. Nixon mentioned the ongoing process of setting up separate investment accounts for water, sewer, and sewer assessment checking accounts.

**Note** Mr. Nixon also presented the balance sheet, noting that Mr. Gervais will provide a more in-depth review quarterly.

**Note** He then moved to the sewer side, reporting revenues of \$1.569 million through March (54.1% of the annual budget).

**Note** Mr. Bragaw noted the sewer revenue is tracking \$200,000 over, due to more residents than projected.

**Note** Mr. Nixon shared that sewer investments stand at \$1.851 million (63.8% of the target). Over budget line items include Treatment Plant Fees, Vehicle Maintenance, and Salaries, which are being reviewed.


**Note** Mr. Bragaw clarified the Treatment Plant Fees, noting a large PO that skewed the line item, with actual spending around \$1.1 million. He highlighted a \$324,806 transfer out, marking the final payment on a long-term debt of \$1.1 million from 12-13 years ago, meaning the Sewer Department will be debt-free this week.

**Note** Mr. Nixon confirmed the transfer for debt payoff was processed this morning with Mr. Gervais' approval.

**Note** The Commission thanked Mr. Nixon for his report.

## 11. Sewer Department Bonding Request

**Note** see attachment.

 [attach.pdf](#)

**Note** Mr. North introduced the discussion on sewer department projects. He presented a list of internal projects, the most critical being the replacement of five underground storage tanks with above-ground tanks.

**Note** Other projects include new roofs at the Niantic and Pattagansett pump stations, both around 35 years old and requiring full replacement with standard asphalt shingles. A small upgrade to the Pattagansett pump station involving pump pedestals, dry fit submersibles, and switchgear upgrades is also planned.

**Note** The purchase of a new VAC truck will be split between the Water and Sewer Departments, with the Water Department covering 50% of the principal and interest.

**Note** Mr. North noted the Niantic Force Main design is another critical project, and they're aiming to find alternatives for the 18-inch ductile iron force main under the river, installed in the late 1980s/early 1990s, which has lost its cathodic protection. An application for Clean Water funding for the design has been submitted.

**Note** An Infiltration and Inflow (I&I) study is also proposed to better understand, and limit non-sewer flows from entering our sewer system. This project has a 55% subsidy through the Clean Water Fund.

**Note** Mr. North added that the new VAC truck will aid in cleaning pipes ahead of camera crews and flow metering for the I&I study.

**Note** Mr. Bragaw explained that bonding issuance costs are included in the proposal. He addressed the financial impact, estimating around \$120,000 for the first year as a bond anticipation note, with bonding likely next year. He noted the sewer assessment balance of \$4.69 million but cautioned it could decrease quickly. The budget to be approved later includes a \$100,000 line item for this payment. He emphasized the critical need for these projects, some overdue for years, and their benefit to infrastructure and capacity.

**Note** MOTION (5)

Mr. Murphy moved to approve sewer department bonding, with the Water Department contributing 50% of the principal and interest for the VAC truck, valued at \$578,000.

Mr. Zoller seconded the motion.

**Note** Mr. North stated that Mr. Gervais anticipates a 3.5% interest rate.


**Note** The Commission briefly discussed the nature of the loan and Mr. North said he will consult with bonding counsel regarding potential clauses affecting the loan structure.

**Note** Mr. Bragaw concurred with the anticipated interest rate and Mr. North noted that longer amortization reduces annual payments but extends the overall payment period.

**Decision** MOTION (5) Vote:  
Motion carried, 9-0-0.

## 12. DEEP Mediation on Diversion Permit Re Bride Brook Wells

**Note** see attachment.

 [1994\\_001.pdf](#)

**Note** Mr. North provided an update on the Deep Mediation and Diversion Permit renewal, a process with a 20-year history involving DEEP, the town, and diversions to town wells, originally intended primarily for the prisons. The wells' proximity to Bride Lake, a significant alewife passage, is a key concern for DEEP.

**Note** The renewal of the permit in 2023 required a cooperative agreement acknowledging the importance of alewife passage to DEEP, Bride Lake, and to the town's water system. Mr. Bragaw and Mr. Cunningham worked extensively with the DEEP to address concerns on both sides.

**Note** Mr. North noted a significant factor in the successful negotiation was the town's investment in Well 2A treatment, addressing a manganese issue that previously limited its use. This allowed for reduced reliance on Wells 3 and 3B, which are closer to the stream and affect streamflows.

**Note** He further detailed how the agreement also included moving the stream gauge to a location more representative of actual stream flows and utilizing USGS for continuous monitoring, providing transparency to DEEP and the public while protecting the town's ability to withdraw water.

**Note** The Commission commended their work.


**Note** Mr. Bragaw described it as a significant win, noting DEEP's positive response after previous threats of well shutdowns.

## 13. Discussion and Possible Action on Proposed FY 2026 Budgets and Rates

**Note** Mr. Bragaw noted that this is the first year for simultaneous approval of budgets and rates.

### 13-1. Discussion & Possible Action on Proposed FY26 Sewer Budget

**Note** see attachment.

 [1995\\_001.pdf](#)

**Note** Mr. Bragaw mentioned there's an 8.2% budget increase but a proposed rate increase of only 3.5%. This lower rate increase is despite the need to properly book depreciation and grow capital reserves, which the Sewer Department is now positioned to do after paying off its loan. The budget includes a comfortable reserve.

**Decision** MOTION (6)

Mr. Roberts moved to approve the FY26 Sewer budget as presented by Staff.  
Mr. Murphy seconded the motion.  
Motion carried, 9-0-0.

### 13-2. Discussion & Possible Action on Proposed FY26 Water Budget

**Note** Mr. North briefly discussed the Water budget, noting a relatively flat operating budget increase of 3%, with the total expense increase being higher. He attributed the operating increase largely to Eversource costs.

Debt payments are also increasing. The significant driver of the total increase is funding for potential projects estimated at \$17 million. The budget reflects planning for a worst-case scenario until more concrete information on costs and timing is available. Rate increases are necessary to fund this future capital demand, as outlined in the 10-year outlook, with construction anticipated to start towards the end of FY 26.

**Note** Mr. Bond inquired about the capacity to bond \$17-18 million.


**Note** Mr. North confirmed that the planned rate increases will build the capacity for that bonding. He explained the potential for a significant initial debt payment in the first year after construction due to accrued interest. The Water Department lacks a dedicated assessment fund like the Sewer Department, necessitating rate increases to build these funds.

**Decision** MOTION (7)

Mr. Bond moved to accept the proposed FY26 Water budget as proposed.  
Mr. Zoller seconded the motion.  
Motion carried, 9-0-0.

### 13-3. Discussion & Possible Action on Proposed Sewer Rates

**Note** see attachment.

 [1989\\_001.pdf](#)


**Note** Mr. Bragaw presented the proposed Sewer rates, recommending a 3.5% increase, consistent with the Public Hearing notices.

**Decision** MOTION (8)

Mr. Murphy moved to accept the full Sewer rates as proposed by staff and posted in the newspaper.  
Mr. Zoller seconded the motion.  
Motion carried, 9-0-0.

### 13-4. Discussion & Possible Action on Proposed Water Rates

**Note** see attachment.

 [1990\\_001.pdf](#)

**Note** Mr. North introduced the water rates and noted the rates were published in the newspaper. He explained that the overall rate increase for Water will be 13%, but due to the increasing rate structure, approximately 75% of residents will see a 9% increase.

**Decision** MOTION (10)

Mr. Murphy moved to accept the Water rates as recommended by Staff, published in the newspaper, and depicted during the Public Hearing.

Mr. Zoller seconded the motion.

Motion carried, 9-0-0.

## 14. Chairman's Report


**Note** Mr. Cunningham detailed how he, Mr. North and Ms. Cicchiello attended a tabletop cyber security exercise at Camp Nett involving a scenario where perpetrators gained control of a municipality's sewer system, causing an overflow. The exercise included additional complications like freezing temperatures, a fire propane tank, and a chemical spill at the treatment plant. Representatives from other towns also participated.

**Note** He emphasized the value of such exercises in understanding how to approach and think about potential problems, even if the scenario was somewhat extreme.

## 15. Staff Updates

### 15-1. Water Department Monthly Report

**Note** see attachment.

 [1996\\_001.pdf](#)

**Note** Mr. North provided a brief Water Department updates. The annual leak detection contract identified several leaks, including two main breaks on recently paved roads such as Stoney Wood. The annual leak detection program is showing benefits, with modest production despite finding leaks, and revenue projections are on target, indicating a reduction in lost water. The aggressive approach to high consumption through the AMI program is proving effective.

**Note** Ms. Royce Williams asked what our rate is, and Mr. North replied that it still needs to be determined, but he believes it will be around 10%.

**Note** Mr. North also reported a temporary hiatus on flushing due to Staffing but noted that flushing has been completed from North Bridebrook to Flanders Four Corners, extending into Monticello and towards Chesterfield. The Orchards has yet to be flushed due to staffing requirements but the Superintendent who lives in the Orchards reported a significant improvement in his home filter since the manganese Well 2A was taken offline. Flushing is now occurring much faster than in the past.


**Note** The Commission discussed whether increased flushing leads to increased water loss and Mr. North observed that that accounting for water loss during flushing was challenging but the overall improvement in water quality is the priority.

**Note** Mr. Bragaw noted the shift from adding manganese to the system to flushing it out and Mr. North agreed that flushing is much better now.

**Note** Mr. Murphy inquired about the West Main Street/Rocky Neck station. Mr. North replied that he and Mr. Bragaw have begun looking into the project. Instead of building a new station, they are exploring retrofitting the existing one to potentially save costs compared to a \$6-7 million new construction. They are in the early design phase and consulting on this idea. He noted a past design anomaly where pumps were lifted significantly off the suction, impacting efficiency.

## 15-2. Sewer Department Monthly Report

**Note** see attachment.

 [1997\\_001.pdf](#)

**Note** The Commission briefly reviewed the report.

## 16. Future Agenda Items

16-1. Sewer Capacity Subcommittee

16-2. Capital Projects Subcommittee

## 17. Adjournment

**Decision** MOTION (11)

Mr. Bond moved to adjourn the April 22nd, 2025, Water & Sewer Commission Regular Meeting at 8:22 p.m.

Mr. Spencer seconded the motion.

Motion carried, 9-0-0.

**Note** Respectfully Submitted,  
Brooke Stevens, Recording Secretary

## Open tasks from previous meeting(s)

**Task**  Mr. Bragaw suggested that Staff review the existing 2017 policy, make some recommendations, and present them at the May meeting.

**Task**  Mr. Murphy requested that they receive the Bond report going forward as well.

*Owned by Kevin Gervais, Finance Director*



**ATTACHMENT A**  
**APPROVAL OF BILLS**

**EAST LYME WATER & SEWER COMMISSION**

**MAY 27, 2025**

- 1. CT DOT PROJECT ENG21-0356**
  - a. Weston & Sampson Inv: 5250180 \$ 1,900.00

**EAST LYME  
WATER & SEWER COMMISSION**

**MAY 27 2025**

**AGENDA# 8**

Tax ID No: 04-2601194

# INVOICE

**PLEASE MAKE CHECKS PAYABLE TO:**  
Weston & Sampson Engineers, Inc.



55 Walkers Brook Drive, Suite 100, Reading, MA 01867  
westonandsampson.com Tel: 978.532.1900

Ben North  
EAST LYME CT, TOWN OF  
108 Pennsylvania Avenue  
Niantic, CT 06357

May 1, 2025  
Project No: ENG21-0356  
Invoice No: 5250180

Project ENG21-0356 TOWN OF EAST LYME- CT DOT 44-0156 SEWER CONFLICT  
RESOLUTIONS

PURCHASE ORDER NO: 21-02079

**Professional Services from March 29, 2025 through April 25, 2025**

**Professional Personnel**

	Hours	Rate	Amount	
SENIOR TEAM LEADER				
Tedeschi, Robert	2.00	250.00	500.00	
PROJECT MANAGER I				
McKenna, Kevin	7.00	200.00	1,400.00	
Totals	9.00		1,900.00	
<b>Total Labor</b>				<b>1,900.00</b>
<b>TOTAL THIS INVOICE</b>				<b>\$1,900.00</b>

RECOMMENDED FOR PAYMENT

CHIEF OPERATING OFFICER

APPROVED FOR PAYMENT

CHAIRMAN

EAST LYME WATER & SEWER COMMISSION

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Project	ENG21-0356	TOWN OF EAST LYME- CT DOT 44-0156 SEWER	Invoice	5250180
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# Billing Backup

Thursday, May 1, 2025

Weston & Sampson Engineers, Inc.

Invoice 5250180 Dated 5/1/2025

11:34:01 AM

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Project	ENG21-0356	TOWN OF EAST LYME- CT DOT 44-0156 SEWER CONFLICT RESOLUTIONS
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## Professional Personnel

			Hours	Rate	Amount	
	SENIOR TEAM LEADER					
04086	Tedeschi, Robert	3/24/2025	1.00	250.00	250.00	
04086	Tedeschi, Robert	4/4/2025	1.00	250.00	250.00	
	PROJECT MANAGER I					
02848	McKenna, Kevin	3/24/2025	2.00	200.00	400.00	
02848	McKenna, Kevin	4/24/2025	5.00	200.00	1,000.00	
	Totals		9.00		1,900.00	
	<b>Total Labor</b>					<b>1,900.00</b>
				<b>Total this Project</b>		<b>\$1,900.00</b>
				<b>Total this Report</b>		<b>\$1,900.00</b>

**Request for Water & Sewer Commission**

**TO:** Water & Sewer Commission

**FROM:** Ben North

**DATE:** May 27, 2025

**SUBJECT:** Sewer Department Special Project Request

**Summary of Agenda Item:**

Sewer Department is experiencing communications problems at several pumping stations regarding line of site telemetry issues from the currently installed analog radio system. To remedy this problem, staff has worked with its on-call SCADA integrator company to develop a proposal to install cellular-based radio systems at these locations. Also included in the scope of work is a cellular-based failover system at Niantic Pump Station, which will backup the analog system currently installed with a cell system in case of communication issues.

**Action Needed:**

Motion to create a project titled "Sewer Pump Station Communications Upgrade" in the sewer construction fund and transfer \$35,000 from funds available in the sewer operations budget into said fund for communications upgrades to several sewer pump stations.

**Attachments:**

None

**Prepared By:** Ben North

W&S Agenda  
Item No. 9  
Date: 5/27/25

**East Lyme Water Department  
Monthly Report for April 2025**

**1. General Statistics**

<b>TASKS PERFORMED BY WATER DEPT</b>	<b>April 2025</b>	<b>TOTAL THIS YEAR</b>	<b>TOTAL LAST YEAR (Jan 1 to Dec 30)</b>
Meters Installed (New Accounts)	3	4	18
New Meters In System	6862	84	New / Total
			6828 / 6868 or 99.42%
New Service Connections Installed	2	2	8
Services and Mains Repaired <sup>(1)</sup>	1 Mainbreak 2 Service Leaks	9	52
Total Gallons Pumped <i>Millions of Gallons</i>	39.406	151.358	633.811

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

**2. Monthly Average Day Demand (MADD)**

	<b>April 2025</b>	<b>April 2024</b>	<b>% Difference LY</b>
Water Produced <i>Million Gallons Daily</i>	1.314	1.712	-23.25%

MADD as a % of 3.16 MGD available water (24-hour pumping) = 41.58%

MADD as a % of 2.37 MGD available water (18-hour pumping) = 55.44%

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.

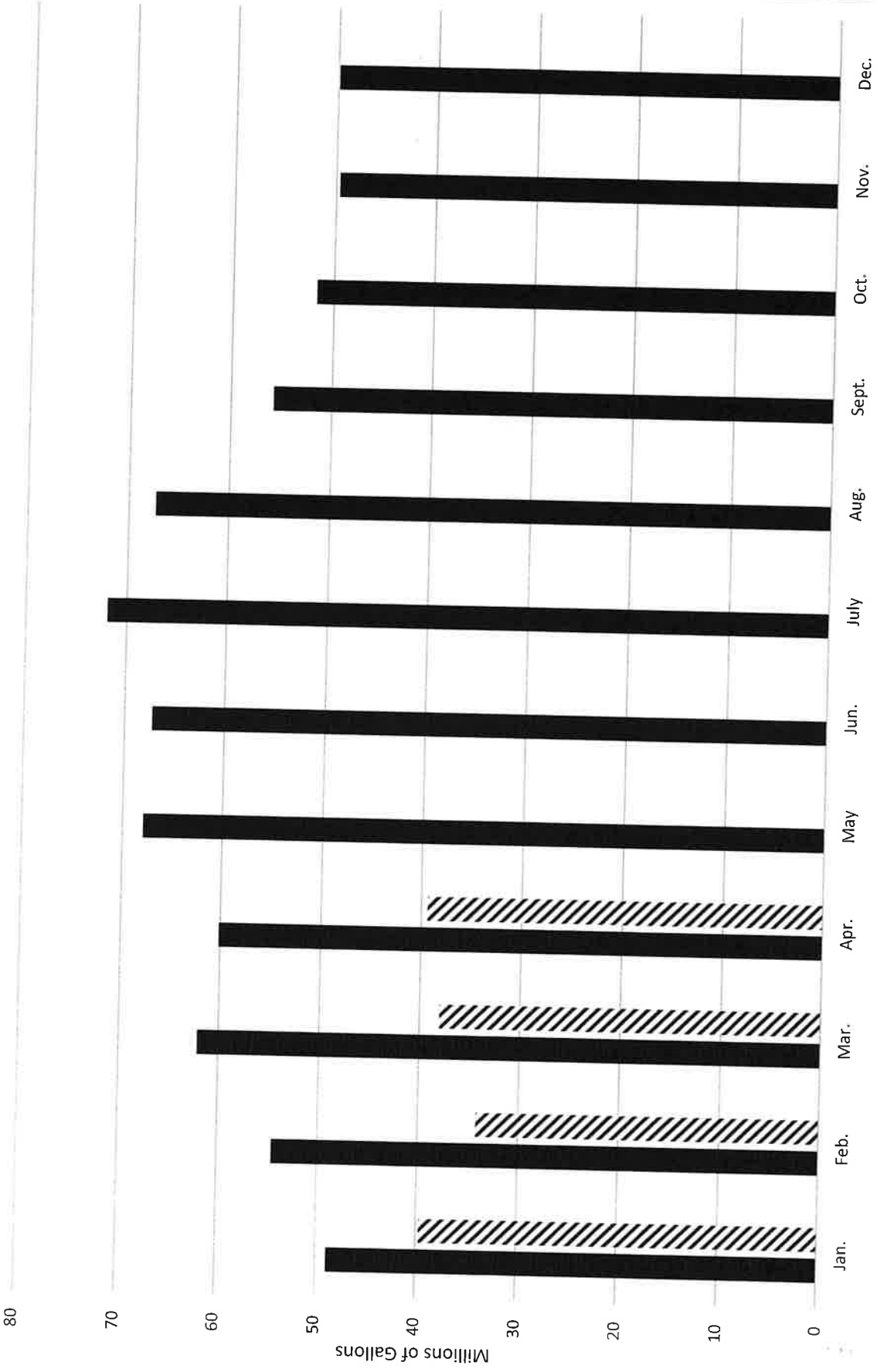
**3. Significant Items**

- 1.) Precipitation was 3.68 inches for the month. There are no wells offline or in streamflow restricted operation at this time.
- 2.) Staff is flushing hydrants as part of its annual program. 159 hydrants were flushed in April, for a total of 196 for March and April. This work has been focused on the North end of town, which was not performed last year. Staff is noticing that flushing in many areas has been expedited by mains running clear more quickly than in the past due to the manganese treatment work at Well 2A
- 3.) Well 4A underwent extensive rehabilitation to its well boring. The well was redeveloped over 9 days, and 3 feet of debris was pulled out of the well. Previously, a gate needed to be installed in the fenceline to allow access to the wellhead, which had not been redeveloped before. Currently, Well 4A undergoing and instrumentation and SCADA upgrades as part of the PFAS treatment project and utilizing remaining ARPA funds. It should be back online in June.





# East Lyme Water - Production by Month



■ 2023 and 2024 Monthly Flow Total

**EAST LYME WATER DEPARTMENT  
Well Production Report - April 2025**

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. 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	0.340		0.158		0.123		0.282		0.000		0.176		0.234		0.405	0.563	1.314	0.000	0.000	1.314	
Date	"Alert" Trigger	12.0		4.0		15.0		20.0		6.0		18.0		22.0						Precip	
4/1/2025	0.345	19.2	0.165	36.0	0.135	43.5	0.269	37.2	0.000	14.00	0.187	12.3	0.238	41.6	0.404	0.570	1.340	0.000	0.000	1.340	0.31
4/2/2025	0.301	19.1	0.180	35.0	0.152	43.5	0.303	37.2	0.000	14.20	0.170	33.1	0.208	41.5	0.455	0.635	1.314	0.000	0.000	1.314	0.00
4/3/2025	0.319	19.1	0.120	11.0	0.093	15.0	0.183	26.0	0.000	14.30	0.137	12.3	0.220	41.5	0.276	0.396	1.072	0.000	0.000	1.072	0.10
4/4/2025	0.317	13.3	0.171	36.0	0.136	15.1	0.272	26.5	0.000	14.20	0.186	11.3	0.219	33.0	0.408	0.580	1.302	0.000	0.000	1.302	0.07
4/5/2025	0.315	19.1	0.136	35.0	0.121	43.4	0.237	37.1	0.000	14.20	0.183	33.1	0.218	41.5	0.358	0.495	1.211	0.000	0.000	1.211	0.00
4/6/2025	0.349	13.6	0.156	11.0	0.128	14.7	0.253	26.1	0.000	14.30	0.173	13.7	0.241	33.8	0.381	0.537	1.300	0.000	0.000	1.300	0.98
4/7/2025	0.420	13.4	0.104	13.0	0.004	40.2	0.130	37.2	0.000	14.30	0.250	12.0	0.290	33.1	0.134	0.237	1.197	0.000	0.000	1.197	0.07
4/8/2025	0.438	13.4	0.126	10.0	0.069	15.4	0.209	25.5	0.000	14.30	0.163	12.7	0.302	33.0	0.278	0.403	1.306	0.000	0.000	1.306	0.17
4/9/2025	0.285	13.3	0.191	11.0	0.178	15.1	0.376	26.7	0.000	14.40	0.231	11.8	0.197	32.9	0.554	0.745	1.458	0.000	0.000	1.458	0.06
4/10/2025	0.306	13.6	0.108	12.0	0.103	43.4	0.201	36.8	0.000	14.40	0.193	32.7	0.211	33.8	0.304	0.412	1.122	0.000	0.000	1.122	0.00
4/11/2025	0.370	13.2	0.159	14.0	0.118	16.3	0.304	25.3	0.000	14.40	0.178	33.2	0.221	33.0	0.422	0.581	1.350	0.000	0.000	1.350	0.03
4/12/2025	0.381	13.6	0.129	36.0	0.089	43.7	0.215	37.6	0.000	14.30	0.128	33.4	0.263	34.2	0.304	0.433	1.205	0.000	0.000	1.205	0.43
4/13/2025	0.269	13.5	0.112	12.0	0.106	18.0	0.220	25.2	0.000	14.40	0.188	12.0	0.186	33.1	0.326	0.438	1.081	0.000	0.000	1.081	0.13
4/14/2025	0.348	13.3	0.168	36.0	0.157	23.0	0.360	25.6	0.000	14.50	0.152	11.6	0.249	33.1	0.517	0.684	1.433	0.000	0.000	1.433	0.02
4/15/2025	0.240	13.5	0.194	11.0	0.144	16.1	0.340	24.5	0.000	14.50	0.208	11.9	0.165	33.2	0.484	0.678	1.291	0.000	0.000	1.291	0.24
4/16/2025	0.309	13.4	0.144	12.0	0.104	43.2	0.242	36.6	0.000	14.50	0.142	12.6	0.213	33.9	0.346	0.490	1.154	0.000	0.000	1.154	0.00
4/17/2025	0.264	13.6	0.154	36.0	0.124	43.6	0.289	37.4	0.000	0.00	0.186	12.5	0.182	34.0	0.413	0.567	1.199	0.000	0.000	1.199	0.00
4/18/2025	0.332	19.2	0.162	12.0	0.124	16.4	0.293	24.5	0.000	0.00	0.144	33.1	0.229	41.4	0.417	0.578	1.283	0.000	0.000	1.283	0.00
4/19/2025	0.350	19.1	0.168	36.0	0.138	43.6	0.323	37.4	0.000	0.00	0.181	12.0	0.242	41.8	0.461	0.629	1.402	0.000	0.000	1.402	0.00
4/20/2025	0.345	13.6	0.163	12.0	0.102	16.3	0.245	24.3	0.000	0.00	0.174	33.0	0.238	33.3	0.347	0.510	1.267	0.000	0.000	1.267	0.00
4/21/2025	0.382	13.2	0.146	11.0	0.156	16.5	0.362	24.7	0.000	0.00	0.154	32.6	0.264	33.4	0.518	0.665	1.465	0.000	0.000	1.465	0.00
4/22/2025	0.339	18.9	0.159	11.0	0.103	43.3	0.248	36.8	0.000	0.00	0.176	11.7	0.234	41.6	0.351	0.510	1.259	0.000	0.000	1.259	0.12
4/23/2025	0.389	13.3	0.174	11.0	0.137	16.1	0.317	24.5	0.000	0.00	0.198	33.3	0.269	33.6	0.454	0.628	1.484	0.000	0.000	1.484	0.00
4/24/2025	0.363	18.8	0.209	11.0	0.123	15.6	0.297	24.1	0.000	0.00	0.190	12.3	0.251	41.4	0.420	0.628	1.432	0.000	0.000	1.432	0.00
4/25/2025	0.378	18.8	0.151	11.0	0.147	15.9	0.343	24.3	0.000	0.00	0.139	33.0	0.261	34.0	0.490	0.641	1.419	0.000	0.000	1.419	0.00
4/26/2025	0.325	13.1	0.148	36.0	0.116	43.3	0.277	36.9	0.000	0.00	0.151	12.5	0.225	33.1	0.393	0.541	1.242	0.000	0.000	1.242	0.43
4/27/2025	0.379	13.4	0.206	11.0	0.122	15.8	0.291	24.3	0.000	0.00	0.181	11.6	0.262	33.7	0.413	0.619	1.441	0.000	0.000	1.441	0.52
4/28/2025	0.298	13.2	0.159	10.0	0.146	16.0	0.348	24.4	0.000	0.00	0.195	11.5	0.206	32.9	0.494	0.653	1.352	0.000	0.000	1.352	0.00
4/29/2025	0.454	13.2	0.160	35.0	0.134	15.2	0.315	24.2	0.000	0.00	0.158	33.1	0.314	33.2	0.449	0.609	1.535	0.000	0.000	1.535	0.00
4/30/2025	0.303	18.9	0.224	11.0	0.173	43.1	0.409	36.3	0.000	0.00	0.172	32.9	0.209	41.1	0.582	0.806	1.490	0.000	0.000	1.490	0.00
Average	0.340	15.3	0.158	19.5	0.123	27.0	0.282	29.8	0.000	7.64	0.176	20.5	0.234	35.8	0.405	0.563	1.314	0.000	0.000	1.314	0.13
Minimum	0.240	13.1	0.104	10.0	0.004	14.7	0.130	24.1	0.000	0.00	0.128	11.3	0.165	32.9	0.134	0.237	1.072	0.000	0.000	1.072	0.00
Maximum	0.454	19.2	0.224	36.0	0.178	43.7	0.409	37.6	0.000	14.50	0.250	33.4	0.314	41.8	0.582	0.806	1.535	0.000	0.000	1.535	0.98
Total	10.213		4.745		3.682		8.471		0.000		5.268		7.027		12.153	16.898	39.406	0.000	0.000	39.406	3.68

**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	39.406
% of Total Sent to NL (Wells)	0		
Running Total (water received 2025)	0.000		
Goal	14.850		
% of Goal	0.00		
Running Total (water sent to NL 2025)	0.000		
Goal	25.074		
% of Goal	0.00		

May 2025

East Lyme Sewer Maintenance Report for April 2025

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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 Oder Control System. 170 Giants Neck Rd for H2S Turned off for Winter
9. Monitor H2S (Point O Woods)
10. O/M Maintenance
11. Niantic Pump Station Maintenance.

EAST LYME  
WATER & SEWER COMMISSION

MAY 27 2025

AGENDA# 146

# Sewer Department Monthly Report

Tuesday, May 27, 2025

Data For the Month of: April 2025

Monthly Running Avg: 848,266 GPD  
 Daily Avg: 912,157 GPD  
 Daily Max: 999,000 GPD  
 Daily Min: 874,000 GPD

Daily Average as a Percent of Monthly Running Average: 93.00%

State CT Flows:

	DOC	Camp Nett	Rocky Neck	POW	Pine Grove	Total
Actual GPD AVG.	132,653	8,041	0	12,191	40,000	192,885
Design GPD AVG.	250,000	58,400	24,600	105,000	40,000	478,000
% of Design GPD	53.1%	13.77%	0	11.61%	100.00%	40.35%
% of East Lyme Average Daily Flow	15.64%	0.95%	0.00%	1.44%	4.72%	22.74%
% of East Lyme 1.5 MGD Allotment	8.84%	0.54%	0.00%	0.81%	2.67%	12.86%

**EAST LYME SEWER FLOWS - HISTORY**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% +/- Prev. Yr.	Precip. 2025 (in.)
JAN.	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	942,646	1,029,157	1,177,819	832,968	-29.28%	1.45
FEB.	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	997,413	912,457	836,250	-8.35%	3.88
MAR.	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	948,873	984,116	1,048,941	875,581	-16.53%	4.72
APR.	938,861	796,611	897,161	778,780	918,456	885,983	962,591	965,456	1,015,438	1,066,788	912,157	-14.50%	3.68
MAY	913,816	777,446	872,268	746,049	947,042	900,485	951,501	922,857	1,061,763	989,756			
JUN.	880,190	815,281	849,504	906,535	875,000	882,463	976,981	989,299	984,241	966,701			
JUL.	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771	995,433	1,086,674	991,582			
AUG.	977,543	868,636	873,017	905,718	932,181	911,419	978,158	1,000,871	1,063,381	955,027			
SEPT.	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008	921,227	1,020,678	851,600			
OCT.	861,521	738,247	752,273	903,915	806,576	812,506	917,384	905,482	1,053,620	813,935			
NOV.	803,842	709,481	732,848	871,111	815,129	786,482	937,414	864,223	954,365	787,600			
DEC.	788,121	728,649	728,437	894,050	927,335	896,694	895,121	950,524	1,057,605	853,600			
AVG	894,041	785,390	807,232	873,578	904,936	857,919	954,508	949,628	1,025,704	951,317		-17.16%	3.43

**Precip. Total 13.73**

**EAST LYME SEWER FLOWS - HISTORY**

	AVG. Prev. Years												Precip. 2025 (in.)		
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	% +/- AVG. Prev. Years			
<b>JAN.</b>	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	942,646	1,029,157	1,177,819	912,902	832,968	1.45		
<b>FEB.</b>	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	997,413	912,457	878,502	836,250	3.88		
<b>MAR.</b>	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	948,873	984,116	1,048,941	910,833	875,581	4.72		
<b>APR.</b>	938,861	796,611	897,161	778,780	918,456	885,983	962,591	965,456	1,015,438	1,066,788	922,613	912,157	-1.15%		
<b>MAY</b>	913,816	777,446	872,268	746,049	947,042	900,485	951,501	922,857	1,061,763	989,756	908,298				
<b>JUN.</b>	880,190	815,281	849,504	906,535	875,000	882,463	976,981	989,299	984,241	966,607	912,610				
<b>JUL.</b>	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771	995,433	1,086,674	991,582	979,148				
<b>AUG.</b>	977,543	868,636	873,017	905,718	932,181	911,419	978,158	1,000,871	1,063,381	955,027	946,595				
<b>SEPT.</b>	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008	921,227	1,020,678	851,600	878,786				
<b>OCT.</b>	861,521	738,247	752,273	903,915	806,576	812,506	917,384	905,482	1,053,620	813,935	856,546				
<b>NOV.</b>	803,842	709,481	732,848	871,111	815,129	786,482	937,414	864,223	954,365	787,600	826,250				
<b>DEC.</b>	788,121	728,649	728,437	894,050	927,335	896,694	895,121	950,524	1,057,605	853,600	872,014				
<b>AVG.</b>	894,041	785,390	807,232	873,578	904,936	857,919	954,508	949,628	1,025,704	951,309	900,425		-4.6%		
														<b>Precip. Total</b>	<b>13.73</b>

# East Lyme Sewer Department

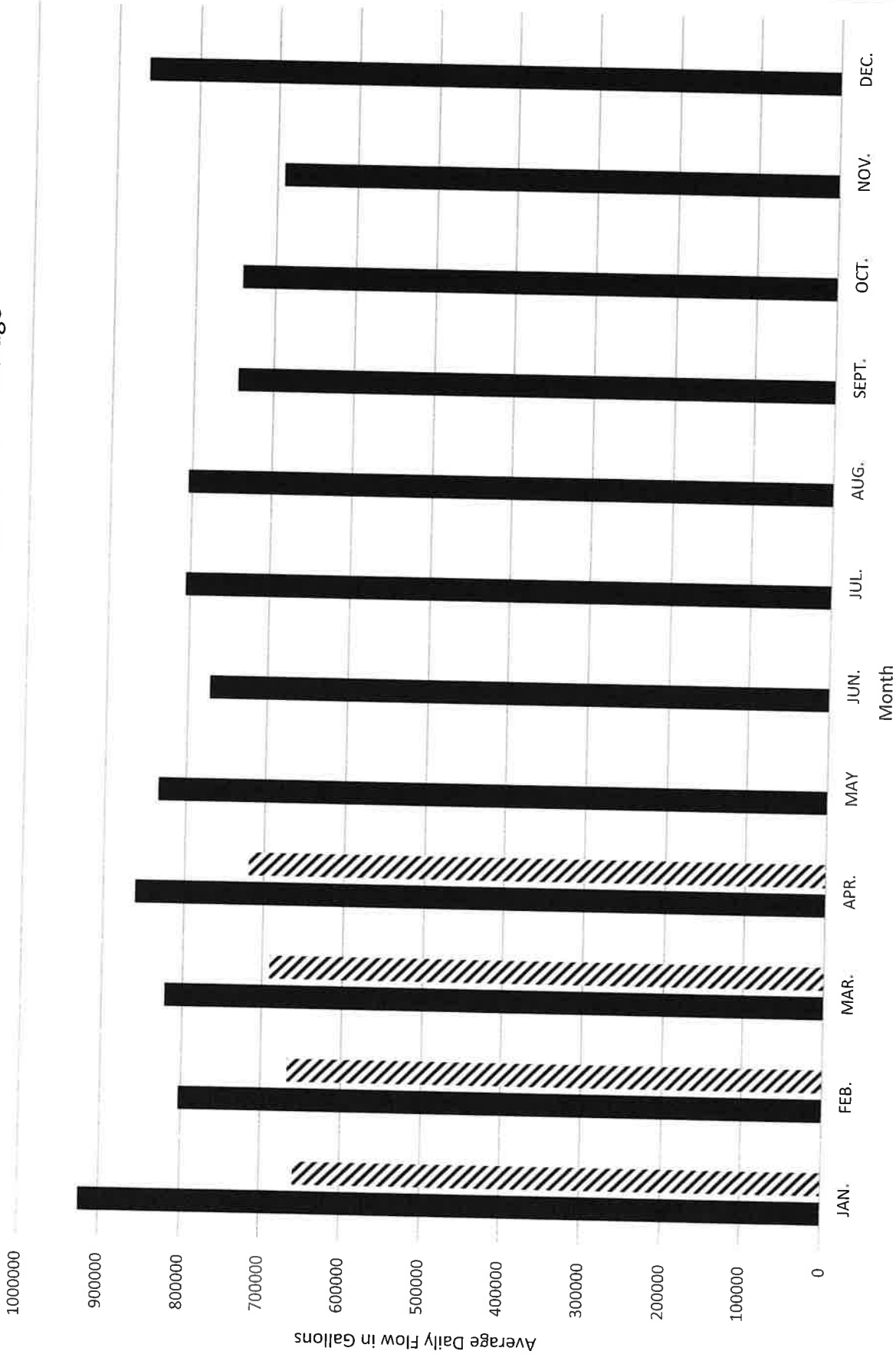
Monthly Average Day Wastewater Flows (MGD)

Tuesday, May 27, 2025

Sewer Flows for the Month of March

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	Daily Usage	Capacity Remaining	Percent Capacity Remaining
		Average	Max	Min													
2025	January	0.833	0.909	0.776	0.250	0.058	0.025	0.000	0.105	0.040	0.175	0.303	63%	0.658	0.364	36%	
	February	0.836	1.071	0.751	0.120	0.008	0.000	0.008	0.007	0.040	0.169	0.309	65%	0.667	0.355	35%	
	March	0.876	1.047	0.795	0.116	0.006	0.000	0.012	0.012	0.040	0.185	0.293	61%	0.691	0.331	32%	
	April	0.912	0.999	0.874	0.133	0.008	0.000	0.012	0.012	0.040	0.193	0.285	60%	0.719	0.303	30%	
	May																
	June																
	July																
	August																
	September																
	October																
	November																
	December																
Annual Avg. (Jan - Dec)		0.864	1.007	0.799	0.123	0.008	0.000	0.010	0.010	0.040	0.181	0.297	62%	0.684	0.338	33%	
All figures reported in Million Gallons Daily (MGD)												Rolling 2 Year Average		0.772	0.250	24%	

East Lyme Sewer Average Daily Flow Last Year vs 2 Year Average



■ 2023 and 2024 Average Daily Flow