

**EAST LYME WATER AND SEWER COMMISSION  
REGULAR MEETING AGENDA \*AMENDED\***

**Regular Meeting  
East Lyme Town Hall  
December 17, 2024  
7:00 PM**

- 1. Call to Order**
- 2. Approval of Minutes**
  - a. Public Hearing Minutes – November 19, 2024**
  - b. Regular Meeting Minutes – November 19, 2024**
- 3. Delegations**
- 4. Correspondence Log**
- 5. PFAS Litigation – Ratification**
- 6. Discussion and Possible Action RE Metering at Winward Apartments**
- 7. Billing Adjustments/Disputes - None**
- 8. Approval of Bills**
- 9. Finance Director Report**
- 10. Discussion on Water Fluoridation Moratorium**
- 11. Project Updates**
  - a. Phosphate dosing at Well 1A/6 and BBWTP**
  - b. Jean Drive Water Booster Station Upgrade**
  - c. Well 4 SCADA and Pump Controls Upgrade**
- 12. Discussion and Possible Action on a Commitment Letter for a Vacuum and Hydro-Excavation Truck**
- 13. Chairman's Report**
- 14. Staff Updates**
  - a. Water Department Monthly Report**
  - b. Sewer Department Monthly Report**
- 15. Future Agenda Items**
  - a. Sewer Capacity Subcommittee**
  - b. Capital Projects Subcommittee**
- 16. Executive Session – Specific Employee Issue**
- 17. Adjournment**

*Candice M. Marino*  
TOWN CLERK

2024 DEC 12 A 10:39

RECEIVED TOWN RECORD  
EAST LYME, CT

Water & Sewer Commission  
November 19<sup>th</sup>, 2024  
Public and Regular Meeting Minutes

RECEIVED FOR RECORD  
EAST LYME, CT  
2024 NOV 25 A 8:41  
*Carly M. ...*  
TOWN CLERK

EAST LYME  
WATER & SEWER COMMISSION

DEC 17 2024

AGENDA# 2atb

# Minutes of East Lyme Water and Sewer Commission Public Hearing & Regular Meeting - 11/19/24

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**Date and time:** 11/19/24 6:30 PM to: 11/19/24 7:32 PM

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

**CC:** Ben North, Municipal Utility Engineer, Mark Zamarka, Town Attorney, Ann Cicchiello, Deputy First Selectman, Ed O'Connell, Town Attorney, Joe Bragaw, Director of Public Works

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

**Link:** <https://app.meetingking.com/meetings/420339>

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## Topics

### 1. Call to Order of Public Hearing & Pledge of Allegiance

**Note:** Chairman Cunningham called the November 19th, 2024, Public Hearing of the East Lyme Water & Sewer Commission to order at 6:30 p.m. and did roll call; a quorum was present.

### 2. Discussion on Proposed Sewer Rates


**Note:** see attachment.

 [Water-Sewer-November-19-2024-Proposed Sewer Rates.pdf](#)

**Note:** There was none.

### 3. Discussion on Proposed Water Rates

**Note:** see attachment.

 [Water-Sewer-November-19-2024-Proposed Water Rates.pdf](#)

**Note:** There was none.

### 4. Public Comment

**Note:** There was none.

### 5. Adjournment of Public Hearing

**Decision** MOTION (1)

Mr. Murphy moved to adjourn the Public Hearing at 6:31 p.m.

Mr. Spencer seconded the motion.

Motion carried, 5-0-0.

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


## 6. Call to Order of Regular Meeting

**Note** Chairman Cunningham called the November 19th, 2024, Regular Meeting of the East Lyme Water & Sewer Commission to order at 6:32 p.m.

## 7. Approval of Minutes

### 7-1. Public Hearing Minutes - October 22nd, 2024

**Note** see attached minutes.

 [Water-Sewer-October-22-2024-Public-Hearing-Minutes.pdf](#)

**Decision** MOTION (1)

Mr. Zoller moved to approve the October 2nd, 2024, Water & Sewer Public Hearing Minutes as submitted.


Ms. Russell seconded the motion.

Motion carried, 4-0-1.

Mr. Murphy abstained from the vote due to his absence from the October 2nd, 2024, Public Hearing.

### 7-2. Regular Meeting Minutes - October 22nd, 2024

**Note** see attached minutes.

 [Water-Sewer-October-22-2024-Regular-Meeting-Minutes.pdf](#)

**Note** Ms. Russell called attention to Section 4 and the correspondence log and suggested that her comments should be revised to say, "the recent decision regarding fluoride levels in drinking water."

**Decision** MOTION (2)

Mr. Zoller moved to approve the Water & Sewer Regular Meeting Minutes of October 22nd, 2024, as amended.

Mr. Spencer seconded the motion.

Motion carried, 4-0-1.

Mr. Murphy abstained from the vote due to his absence from the October 22nd, 2024, Regular Meeting. He commended the Commission on their actions noting that large applications unfortunately cannot be granted until we get more capacity.

## 8. Delegations

**Note** There was none.

## 9. Correspondence Log

**Note** see attachment.

 [Water-Sewer-Correspondence\\_Log.pdf](#)

**Note** Mr. Cunningham briefly reviewed the attached correspondence log.

**Note** Mr. North addressed the fluoride dosing levels, noting that participation is voluntary for smaller communities. Ms. Russell highlighted the significance of this matter, while Mr. Cunningham expressed his desire to review the Department of Public Health's position on the subject and suggested that the entire Board should be present for this discussion.

**Task**  Mr. North noted the correspondence from Alpha Capital and Discussion on whether they should be allowed to convert their apartments into a condominium complex. He expressed concerns about accepting more HOAs without proper mechanisms. The topic will be added as an agenda item for further discussion.

due 12/17/24

## 10. Discussion and Possible Action on PFAS Class Action Suits

**Note** Attorney O'Connell presented the background and history of the matter for the record. He addressed the presence of PFAS chemicals in water sources and the class action settlements involving BASF and Tyco Fire Products, noting these chemicals are non-biodegradable. The Commission, serving 12,245 individuals with drinking water, is included in the settlement class unless it opts out by September 23rd and October 15th. Being part of the settlement relieves these companies of all liabilities, transferring responsibility to the water supplier. Opting out retains the Commission's right to sue. The Water & Sewer Commission Chairman and staff, after consulting with town counsel, decided to opt out of the settlements by the deadlines that were given. The proposed motion aims to inform the Commission of this decision and to formally confirm its choice to opt out.

### **Decision** MOTION (3)

Mr. Murphy moved to approve the following ratification of decision to opt out of PFAS Lawsuits:

WHEREAS, the East Lyme Water & Sewer Commission is among the thousands of local public water suppliers in the settlement class of the Public Water Systems Settlement Program in class action settlements in lawsuits brought by BASF Corporation and Tyco Fire Products, LP (the "Companies") pertaining to the alleged presence of per- and polyfluoroalkyl substances (PFAS) in public drinking water supply and distribution systems; and

WHEREAS, local public water suppliers will be bound by the terms of the proposed settlement unless they proactively opt out from it; and

WHEREAS, local public water suppliers must make opt-out decisions without knowing how many dollars they would receive, if at all, from the settlement fund posted by the Companies and before knowing the extent of PFAS contamination of their facilities, if at all, or the cost of remediating same; and

WHEREAS, the proposed settlement contains an unlimited indemnification clause which shifts liability from the Companies to those public water suppliers who are bound by the settlement because they did not proactively opt out, and such liability could potentially be for a greater amount than the supplier would receive in the settlement; and

WHEREAS, the decision to opt out of the settlement class had to be made and the papers had to be filed with the Claims Administrators for the Companies by October 15, 2024 and September 23, 2024, respectively; and

WHEREAS, the Chair of the Commission, after considering advice from its Chief Operating Officer and its Attorney, determined that the most prudent course for the Commission is to opt out of the settlement class and thereby avoid the risk of unlimited indemnification of any future losses incurred by the Companies based on exposure to PFAS, which could exceed any presently unknown amount received by the Commission, if any, plus the cost of obtaining such amount from the settlement funds posted by the Companies; and

WHEREAS, acting on such determination the Chair directed the Chief Operating Officer and Attorney to take such steps as may be necessary or desirable to opt out of the class action settlement; and

WHEREAS, such steps had to be taken in the interim between the regular meetings of the Commission in order that the proper documents be drafted and timely filed with the respective Claims Administrators;

NOW, THEREFORE, the East Lyme Water & Sewer Commission hereby ratifies, confirms and adopts the decision of the Chair to opt out of the settlement class of the PFAS litigations brought by BASF Corporation and Tyco Fire Products, LP, nunc pro tunc.

Mr. Zoller seconded the motion.

Motion carried, 5-0-0.

## 11. Discussion on Sewer Capacity

**Note** Mr. North mentioned the necessity to investigate the forthcoming steps concerning sewer capacity, its evaluation methods, and the approach for future planning.

**Note** Attorney Zamarka came forward and discussed the possibility of the Commission considering a moratorium on new applications due to limited sewer capacity. East Lyme has little available sewer capacity and recent applications show insufficient capacity for new developments. The town attorney's office suggests considering a moratorium on applications under the capacity regulation.

**Note** Attorney Zamarka directed the Commission to the attached documentation and the noted the town's usage chart and attempts to increase their limited sewer capacity.

 [Sewer Capacity Documentation.pdf](#)

**Note** He recognized that it is a significant move but one that will offer a respite to prevent the town from facing lawsuits for rejecting applications. Mr. Zoller responded that they seem to have no alternative but to consider the proposal, especially since they had to recently decline an 8,000-gallon request.

**Note** Ms. Russell said it's important they go forward given the reality of the situation.

**Note** Mr. Cunningham said he would like to see more detail presented to the full Board in December.

**Task**  The Commission authorized Attorney Zamarka to draft resolutions and amendments for a potential moratorium.

*Owned by Mark Zamarka, Town Attorney due 12/17/24*

## 12. Billing Adjustments/Disputes

**Note** There was none.

## 13. Approval of Bills

**Note** see attached bill.

 [Bill.pdf](#)

**Decision** MOTION (4)

Mr. Murphy moved to approve the Tighe & Bond Bill, Invoice No. TB-1009452 in the amount of \$1,565.

Mr. Zoller seconded the motion.

Motion carried, 5-0-0.

## 14. Finance Director Report


**Note** Mr. Gervais was unable to attend this evening's meeting and will provide a report at the next meeting in December.

## 15. Project Updates

**Note** There was none.

## 16. Discussion and Possible Action on Proposed Sewer Rates

**Note** see attachment.

 [Proposed Sewer Rates Publication Certificate.pdf](#)

**Note** Mr. Bragaw discussed the proposed sewer rates noting the 8% increase.

**Decision** MOTION (5)

Mr. Murphy moved to accept the proposed sewer rates as presented and advertised.

Mr. Spencer seconded the motion.

Motion carried, 5-0-0.

## 17. Discussion and Possible Action on Proposed Water Rates

**Note** see attachment.

 [Proposed Water Rates Publication Certificate.pdf](#)

**Note** Mr. North addressed the proposed water rates, emphasizing their goal to promote conservation and the variability that exists among different user types. He identified lawn irrigation as the primary factor in excessive water usage and described the proposal as a modest step towards addressing this issue.

**Decision** MOTION (6)

Mr. Murphy moved to accept the water rates as published and recommended by staff.

Mr. Zoller seconded the motion.

Motion carried, 5-0-0.

## 18. Consider Adoption of Water and Sewer Commission Meeting Schedule for 2025

**Note** The Commission briefly reviewed the proposed Water & Sewer Commission Meeting Calendar for 2025.

 [2025 MEETING SCHEDULE.pdf](#)

**Decision** MOTION (7)

Mr. Zoller moved to approve the Meeting Schedule of 2025 as presented.

Ms. Russell seconded the motion.

Motion carried, 5-0-0.

## 19. Chairman's Report

**Note** Mr. Cunningham gave updates on infrastructure projects, including the I-95 bridge and Route 161 asphalt work, with a target completion date of December 5, 2024. Mr. North noted that the DOT has been really good to work with.

**Note** Mr. Cunningham noted the surge in severe brush fires and the consequent significant demand on their water supply.

## 20. Staff Updates

### 20-1. Water Department Monthly Report

**Note** Mr. North observed the dry conditions and expressed hope for rain. The Department is completing the hydrant painting and, moving forward, will concentrate on maintenance tasks within the water treatment facilities.

### 20-2. Sewer Department Monthly Report

**Note** Mr. North discussed conducting an inflow and infiltration study to identify and reduce excess water entering the sewer system, supported by a 50% state grant. Daily average sewer flow for the month was 814,000 gallons. The aim is to identify inflow and infiltration (I&I) issues, namely the presence of unsanctioned sub pumps.

**Note** He noted that sewer flow has been low for the second month in a row, and the daily average was 814,000 gallons.

## 21. Future Agenda Items

### 21-1. Sewer Capacity Subcommittee

**Note** This item is scheduled to be a future agenda item.

### 21-2. Capital Projects Subcommittee

**Note** This item is scheduled to be a future agenda item.

## 22. Adjournment

### **Decision** MOTION (8)

Mr. Zoller moved to adjourn the November 19th, 2024, Water & Sewer Commission Regular Meeting at 7:32 p.m.

Mr. Murphy seconded the motion.

Motion carried, 5-0-0.

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

## Task Summary

### New Tasks

**Task**  Mr. North noted the correspondence from Alpha Capital and Discussion on whether they should be allowed to convert their apartments into a condominium complex. He expressed concerns about accepting more HOAs without proper mechanisms. The topic will be added as an agenda item for further discussion.

*due 12/17/24*

**Task**  The Commission authorized Attorney Zamarka to draft resolutions and amendments for a potential moratorium.

*Owned by Mark Zamarka, Town Attorney due 12/17/24*



**Request for Water & Sewer Commission**

**TO:** Water & Sewer Commission  
**FROM:** Ben North, Chief Operating Officer  
**DATE:** December 11, 2024

**SUBJECT: Winward Village Apartment Conversion to Condominiums**

**Summary of Agenda Item:**

The East Lyme Water and Sewer Department have been approached by the new owners of Winward Village Apartments in East Lyme, Alpha Capital, to discuss the ramifications of converting the building into condominium units. East Lyme Water and Sewer Regulations require that units under individual ownership be billed individually to ensure fair and accurate billings to individual owners, as opposed to apartments that are owned by a single entity. Winward Apartments is currently metered by one master meter, as is typical for apartments. Alpha Capital is requesting an exception to this regulation and is offering to form an HOA and an escrow account to cover water and sewer usage expenses in lieu of installing individual meters and shutoffs which would comply with current regulations. Other than creating the circumstance where owners would not have individual control over their water and sewer use expenses, the Commission would have no recourse if the HOA dissolved or if the complex did not pay the owners' bill. Additionally, ELWS may not have jurisdiction to perform shutoffs for non-payment as the homeowners may be considered tenants by state law.

**Potential Motion to Approve or Deny:**

Motion to (approve or deny) Alpha Capitals' request to receive an exception to East Lyme Water and Sewer regulations and bill an HOA as an entity representing the homeowners for water usage at 468 main street.

**Attachments:** Letter from Alpha Capital RE 468 Main Street, East Lyme Water Regulations Section 5: Meters, East Lyme Large Meter Regulation Section 1: Overview

**Prepared By: Ben North, Chief Operating Officer**

<p><b>W&amp;S Agenda</b> <b>Item No. <u>6</u></b> <b>Date: 12/11/24</b></p>
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Alpha Capital  
2 Corporate Dr, Suite 760  
Shelton, CT 06484  
(860) 864-4828  
October 17, 2024

Water and Sewer Commission  
Town of East Lyme  
108 Pennsylvania Avenue  
Niantic, CT 06357

Re: Request for Approval of Water and Sewer Billing Arrangement for Proposed Condominium Conversion at 468 Main Street, Niantic

Dear Members of the Water and Sewer Commission,

Alpha Capital is the owner and operator of the building located at 468 Main Street in Niantic, Connecticut. We are writing to formally notify the Commission that we are considering the conversion of this multi-unit building into condominium units. As part of this potential development, we respectfully seek your approval regarding the handling of water and sewer billing for the property post-conversion.

Given the unique nature of condominium associations and the complexities often associated with utility billing, we are proposing that the water and sewer billing be managed directly by the future Homeowners' Association (HOA) for the building. Under this arrangement, there would be one main water meter for the property, and the HOA would take on full responsibility for paying the water and sewer bills for all units.

We are fully aware of the Commission's potential concerns regarding payment security when dealing with HOAs, particularly as past experiences with some associations may have led to delayed or missed payments. We empathize with these concerns and have developed a proactive solution that we believe will address any apprehensions and protect the interests of the Water and Sewer Commission.

### **Our Proposal:**

#### **1. HOA Responsibility for Billing:**

The HOA, upon formation, will assume responsibility for receiving and paying the water and sewer bills for the entire building, based on usage recorded through one main water meter. This will simplify the billing process and ensure that the property remains compliant with the town's billing practices.

#### **2. Escrow for Payment Security:**

To mitigate any risk of non-payment or delayed payment, Alpha Capital proposes to establish an escrow account with the Town of East Lyme. This account will always maintain a balance equivalent to one year's worth of water and sewer payments based on historical usage data or projected usage of the building. The funds in escrow will serve as a financial safety net, ensuring the Commission has immediate recourse in the unlikely event that the HOA experiences any difficulty in making timely payments.

### **3. Ongoing Payment of Bills:**

In addition to maintaining the escrow, the HOA will continue to pay the regular monthly, or quarterly, water and sewer bills on schedule, as billed by the Town. This ongoing payment structure will allow for uninterrupted service and will further provide peace of mind to the Commission that funds will be available when needed.

### **4. Escrow as a Layer of Protection:**

The escrow amount will serve as a form of insurance for the Commission, ensuring that there is always a buffer in place to cover any shortfalls or delays in payments. If the escrow balance were to be drawn upon, the HOA would be required to replenish it within an agreed-upon time frame to maintain the one-year buffer.

### **5. Internal Billing by HOA:**

The HOA would also manage the internal distribution of water and sewer costs among individual unit owners based on a fair and equitable method of allocation, whether through individual usage metering or another arrangement as outlined in the HOA bylaws. This ensures that the Town of East Lyme only deals directly with the HOA for payment purposes, reducing administrative complexity and potential points of failure.

### **Benefits to the Commission:**

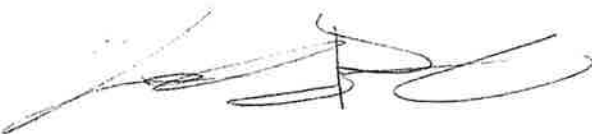
- **Payment Security:** The one-year escrow will offer the Town a continuous financial safety net, providing assurance that water and sewer services will be paid even in the event of an issue with the HOA's finances.
- **Streamlined Billing:** Having the HOA manage the water and sewer costs simplifies the billing process, with only one entity responsible for payment.
- **Risk Mitigation:** The proposed escrow, combined with regular payment cycles, offers the Commission both immediate cash flow and long-term protection.

We believe this arrangement strikes a balance between addressing the Commission's concerns about timely payment and allowing the HOA the ability to manage the internal operations and distribution of costs.

We would welcome the opportunity to discuss this proposal further and work with the Town of East Lyme to ensure this transition is as seamless as possible. Please do not hesitate to reach out to us at your earliest convenience to arrange a meeting or discuss any questions or concerns you may have.

Thank you for your time and consideration of this matter.

Sincerely,



**Johnny Diaz**  
**Chief Operating Officer**  
**Alpha Capital**  
**(203) 343-3863**  
**johnny@alphacapitalfunds.com**

Commission and in accordance with and subject to such conditions and requirements as the Commission may prescribe. Failure to comply is subject to refusal of service.

b) All private water lines or main extensions must be pressure tested and chlorinated before service is supplied. The entire cost of the test and chlorination shall be borne by the applicant.

## **5. METERS**

a) All domestic, commercial and industrial water service, except fire protection, will be rendered through meters.

b) Meters up to and including  $\frac{3}{4}$  inch in size will be provided and installed by the Commission. Such meters will require a deposit as established in Schedule III, as amended from time to time. Larger meters will be available from the Water Department in accordance with Schedule II, as amended from time to time.

c) The installation, repair and disconnection of the Commission's meters is to be performed by the employees of the Water Department only. Installation, repair and maintenance of all other meters is the responsibility of the owner. Such installation, repair and maintenance shall be repaired under Water Department approval.

d) The normal maintenance cost for meters up to and including  $\frac{3}{4}$  in size will be borne by the Commission. The cost for larger meters and for unusual repairs necessitated by freezing, hot water, or attributable to any carelessness or neglect on the part of the occupant or owner of the premises, shall be charged to the owner of the premises.

e) A suitable location for installing all water meters shall be provided so that they will be readily accessible for inspection, reading and repair. The Commission shall have access to the premises supplied at all reasonable hours for the purpose of reading meters or to examine piping and fixtures connected with the water service.

f) Whenever an outside location is approved by the Commission, the meter shall be in an approved pit located where it is easily accessible for meter reading and repairs. The outside vault shall be located inside the property line at the expense of the customer and responsibility for damage or theft shall be that of the owner.

g) All meters shall be connected using couplings furnished by the Commission. Meters shall not be moved or disturbed without permission. The customer

must bear the cost of all pipe changes on his premises made necessary to receive the meter.

h) All water passing through and recorded by a meter shall be charged for whether used or wasted as a result of leaks or neglect and the property owner shall be liable and charged for the amount of water recorded by the meter in conformity with the current schedule of water rates.

i) Meters up to and including  $\frac{3}{4}$  inches can be tested upon request of the customer. If the meter is found to be accurate within 2% of being fast or slow, a test charge in accordance with Schedule I, as amended from time to time, shall be made to the customer for the test. If the meter error is greater than 2% of being fast or slow, the cost of the test will be borne by the Commission and an adjustment of the customer's water bill will be made based upon average daily consumption. Requests for meter tests shall be payable in advance. Meters larger than  $\frac{3}{4}$  inches in size will be tested at the request and expense of the customer. The charge for the test will be in accordance with prevailing costs.

j) The Commission reserves the right to remove and test all meters within the system without cost to the customer whenever doubt exists on the part of the Commission as to the accuracy of the meter. Should the meter fail to register within 2% of being fast or slow, the charge for water will be based on the average daily consumption either prior to or subsequent to the failure of the meter.

k) 1. Any building which is constructed after February 24, 1981 and which is divided into separate ownership of two or more dwellings, commercial or retail units, shall have a separate water meter for each of such units.

2. Any building which is constructed after February 24, 1981 which is not divided into two or more dwellings, commercial or retail units or any combination of such units, but is capable of being divided into separate ownership of such units or combination of such units shall have plumbing which is capable of being adapted to provide for separate water meters for each of such units.

3. When any building described in subsection 2 of this regulation is divided into separate ownership of two or more dwellings, commercial or retail units, or any combination of such units, it shall have a separate water meter for each of such units.

The East Lyme Water Department Large Meter Ownership and Calibration Policy outlines the ownership and responsibilities of all meters over 1-inch.

### Overview

1. Per East Lyme Water Department, Rules and Regulations Section 6, Meters and Meter Communication Equipment:
  - a. All meters up to and including 1-inch will be owned, installed, tested and maintained by the Water Department to the specifications of the Department.
  - b. Should a property owner choose to downsize his/her meter that is currently larger than 1-inch to 1-inch or less, the Water Department will take ownership and responsibility of the meter and communication equipment (i.e. radio/MXU) if all necessary equipment is purchased and installed by the property owner. The Water Department shall not be responsible for any adverse change in pressure or flowrate. A meter maintenance fee will apply to all meters owned and maintained by the Department.
2. All meters over 1-inch and its associated communication equipment (i.e. radio/MXU) and associated wiring are owned by the property owner. The purchase, installation, maintenance, calibration and replacement is the sole responsibility of the property owner.
3. All meters over 1-inch shall be calibrated at least once every two years.
  - a. A meter calibration report in conformance with AWWA M6 must be provided to the East Lyme Water Department by July 1<sup>st</sup>, 2023 and every two years thereafter.
    - i. Calibration reports shall be sent to [watersewer@eltownhall.com](mailto:watersewer@eltownhall.com) or mailed to **PO Box 519 Niantic, CT 06357**, attention Utility Engineer.
  - b. A twenty five percent (25%) usage surcharge over the registered usage per billing cycle will be charged if meter calibration or replacement is not performed within six months after the July 1st deadline. Water and/or sewer usage shall be calculated be based on the Connecticut Department of Health Code, *On-site Sewage Disposal Regulations and Technical Standards for Subsurface Sewage Disposal Systems rev. 1/2018* using the capacity criteria therein in the event that the meter has failed completely, cannot be read, or its readings are substantially lower than historical average usage.
    - i. “Per billing cycle” means that an additional 25% surcharge will be billed for each additional billing period that calibration or replacement is not performed. (1 billing period late = 25%, 2 billing periods late = 50%...)
  - c. Additionally, should a property owner not comply with the meter calibration program or any of its requirements stated herein, the Water Department reserves the right to terminate water service or to test, replace, repair, or maintain the meter, using either Department personnel or others to perform the work, and shall invoice the property owner the cost of the work performed plus a twenty five percent 25% markup for such service and materials. Payment for the work performed will be due in full upon completion.

## Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
WINDWARD LLC	\$100,000		0465/0520	03	11/24/1998
ORPHANIDES DEMETRIOS	\$0		0450/0317	01	04/20/1998
ORPHANIDES DEMETRIOS &	\$0		0309/0479		01/07/1991

## Building Information

### Building 1 : Section 1

**Year Built:** 1999  
**Living Area:** 57,298  
**Replacement Cost:** \$4,866,244  
**Building Percent Good:** 78  
**Replacement Cost  
 Less Depreciation:** \$3,795,700

Building Attributes	
Field	Description
Style:	Apartments
Model	Commercial
Grade	Average
Stories:	3
Occupancy	60.00
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	
Roof Structure	Gable/Hip

### Building Photo



(<https://images.vgsi.com/photos2/EastLymeCTPhotos/\A01\00\88\32.JPG>)

# 468 MAIN ST

**Location** 468 MAIN ST

**Mblu** 11.2/ 196/ / /

**Acct#** 005167

**Owner** ALPHA NIANTIC LLC

**Assessment** \$3,510,570

**Appraisal** \$5,015,100

**PID** 2462

**Building Count** 1

## Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2021	\$3,995,100	\$1,020,000	\$5,015,100

Assessment			
Valuation Year	Improvements	Land	Total
2021	\$2,796,570	\$714,000	\$3,510,570

## Owner of Record

**Owner** ALPHA NIANTIC LLC

**Sale Price** \$8,400,000

**Co-Owner**

**Certificate**

**Address** 2 CORPORATE DR #945  
SHELTON, CT 06357

**Book & Page** 1111/0385

**Sale Date** 06/20/2024

**Instrument** 00

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

**EAST LYME WATER & SEWER COMMISSION**

**December 17, 2024**

- 1. Water Supply Plan Update**
  - a. Tighe & Bond Inv. No. TB-1011009

**EAST LYME  
WATER & SEWER COMMISSION**

**DEC 17 2024**

**AGENDA# 8**

# Tighe & Bond

Please Remit Payment to:  
 Tighe & Bond, Inc. 53 Southampton Road Westfield, MA 01085-5308

**Attention:** Ben North  
**Town of East Lyme**  
**108 Pennsylvania Ave**  
**Niantic, CT 06357**  
**United States**

**Invoice :** TB-1011009  
**Invoice Date :** 12/3/2024  
**Project :** 1406100035  
**Project Name :** EASTLYME-Water Supply Plan  
 Update

**For Professional Services Rendered Through 11/23/2024**

**Your Project :** PO# 251951


Email Invoice to: bnorth@eltownhall.com

Services rendered in accordance with Agreement dated August 25, 2023.

		<u>Billings</u>				
		<u>Fee</u>	<u>Available</u>	<u>To Date</u>	<u>Previous</u>	<u>Current</u>
01 - Hourly + Expense Fees		45,000.00	43,435.00	8,297.50	1,565.00	6,732.50
<i>Rate Labor</i>	6,732.50					
<b>Current Billings</b>						<u>6,732.50</u>
<b>Amount Due This Bill</b>						<u><u>6,732.50</u></u>

**Total Fee :** 45,000.00  
**To Date Billings :** 8,297.50  
**Total Remaining :** 36,702.50

<b>Outstanding Receivables</b>	<u>Invoice Number</u>	<u>Date</u>	<u>Amount</u>	<u>Balance Due</u>
	TB-1009452	11/6/2024	1,565.00	<u>1,565.00</u>
				1,565.00

RECOMMENDED FOR PAYMENT   
~~DIRECTOR PUBLIC WORKS~~ **C.O.O.**  
 APPROVED FOR PAYMENT \_\_\_\_\_  
 CHAIRMAN  
 EAST LYME WATER & SEWER COMMISSION

**01 - East Lyme Water Supply Plan**

**Rate Labor**

<i>Class</i>	<i>Hours</i>	<i>Rate</i>	<i>Amount</i>
GIS Analyst 2	9.00	140.00	1,260.00
Senior Engineer 1	1.25	190.00	237.50
Senior Engineer 2	4.00	205.00	820.00
Senior Project Manager	3.00	245.00	735.00
Staff Engineer 1	29.50	120.00	3,540.00
Vice President	0.50	280.00	140.00
<b>Total Rate Labor</b>			<b>6,732.50</b>

**Total Bill Task: 01 - East Lyme Water Supply Plan**

**6,732.50**

**Total Project: 1406100035 - EASTLYME-Water Supply Plan Update**

**6,732.50**

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH



Manisha Juthani, MD  
Commissioner

Ned Lamont  
Governor  
Susan Bysiewicz  
Lt. Governor

Drinking Water Section

December 11, 2024

EAST LYME  
WATER & SEWER COMMISSION

Mr. Benjamin M. North  
East Lyme Water And Sewer  
108 Pennsylvania Ave  
P. O. Box 519  
Niantic, CT 06357

DEC 17 2024

AGENDA# 10

PUBLIC WATER SYSTEM: East Lyme Water & Sewer Commission  
East Lyme, CT  
CLASSIFICATION TYPE: Community  
PWSID: CT0450011

SUBJECT: Community Water Fluoridation

Dear Mr. North:

Thank you contacting the Connecticut Department of Public Health (DPH) seeking guidance on East Lyme Water Commission's exploration of a moratorium on fluoride adjustment. Section 19a-38 of the Connecticut General Statutes requires water companies to add a measured amount of fluoride to the water supply of any water system that it owns and operates and that serves twenty thousand or more persons. DPH acknowledges that the existing state statute does not apply to East Lyme Water Commission since the water system serves a population of less than 20,000.

Community water fluoridation is a safe and effective process that prevents tooth decay (cavities) by providing frequent and consistent, low levels of fluoride in the mouth, in the saliva and on tooth surfaces. Research shows that communities served by fluoridated water save an average of \$32 per person each year by avoiding treatment for tooth decay (cavities). For many years, East Lyme Water Commission has been voluntarily adjusting fluoride levels to help reduce tooth decay and promote good oral health. Although East Lyme Water Commission is not required to add fluoride to its water, the DPH strongly recommends the continuation of this practice.

If East Lyme Water Commission opts to discontinue its community fluoridation program, please notify the DPH of the date the practice will be stopped. East Lyme Water Commission should also provide customers with advanced notice so they can take appropriate actions to find alternate sources of fluoride to ensure that their good oral health is not compromised.



Phone: (860) 509-7333 • Fax: (860) 509-7359  
Telecommunications Relay Service 7-1-1  
410 Capitol Avenue, P.O. Box 340308, MS#12DWS  
Hartford, Connecticut 06134-0308  
[www.ct.gov/dph/publicdrinkingwater](http://www.ct.gov/dph/publicdrinkingwater)

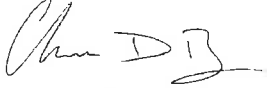
*Affirmative Action/Equal Opportunity Employer*



Mr. Benjamin M. North  
December 11, 2024  
Page 2

If you have any questions, please contact me at (860) 509-7333 or at [christopher.d.roy@ct.gov](mailto:christopher.d.roy@ct.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Chris D. Roy", with a horizontal line extending from the end of the signature.

Christopher Roy  
Section Chief  
Drinking Water Section

## Request for Water & Sewer Commission

**TO:** Water & Sewer Commission  
**FROM:** Ben North, Chief Operating Officer  
**DATE:** December 11, 2024

**SUBJECT: Commitment Letter for a Combination Vacuum and Hydro-Excavation Truck**

### **Summary of Agenda Item:**

The East Lyme Water and Sewer Department staff have a need for a combination vacuum and hydro-excavation truck. These trucks carry numerous benefits for the operation of both departments. They carry a system for cleaning sewer piping and drain lines, a vacuum system for debris and dirt removal, and a hydro-excavating package that uses the high-pressure water system for excavating sensitive areas quickly and efficiently while avoiding the inherent safety hazards of using mechanical means. Additionally, this machine would allow staff to perform emergency and routine lift station maintenance without a contractor – an activity that costs the sewer department roughly \$60k per year.

There are also two large projects that require the use of this technology – sewer pipe cleaning for a town-wide Inflow and Infiltration study and the EPA-mandated Lead Service Line Inventory study that requires that we excavate the curb stops of any address that the department does not have field card information on, which currently is about 2000 locations. This machine is a large investment, but would increase our level of service while saving OM costs and reducing our risks of sewer overflows and damages caused by mechanical excavation.

At this time, staff is looking for authorization to sign a commitment letter to the vendor, who is already a member of the Sourcwell state low bidding agreement. Staff has been advised that pricing will increase 5%-8% after January 1, 2025 unless a commitment letter to purchase the truck once it has been built, which is currently 1 year out. The current pricing for this unit is \$577,980.47. This expense will be included in a bond amount that the Sewer Department is planning to issue this summer, which would also cover items like roof replacements at Niantic and Pattagansett Stations, Underground Storage Tank (UST) removal and replacement, and a pumping system and controls upgrade to Pattagansett station.

### **Potential Motion:**

Motion to authorize the Water and Sewer Chairman to sign a commitment letter for the purchase of a Super Products Camel Max 1200EJ so that building of the machine can commence while avoiding upcoming pricing increases and a bond is secured to ultimately cover the expense.

**Attachments:** Super Product Camel Max 1200EJ quotation and brochure

**Prepared By: Ben North, Chief Operating Officer**

<p>W&amp;S Agenda Item No. <u>12</u> Date: 12/11/24</p>
---



154 Wayside Avenue, West Springfield, MA 01089  
Phone (413) 733-5189 / Fax (413) 781-2102

September 25, 2024

Rick Pape  
Superintendent, Sewer  
12 Roxbury Rd  
East Lyme, CT 06333

Rick,

Per your request, we are pleased to provide this updated quote for a new Super Products Came Max 1200EJ. The Camel Max 1200EJ will include all standard equipment and controls in addition to the following options.

### Camel Max / Model 1200EJ

2025 Freightliner, FL108SD, CML12 370/1250, 3000RDS, 60K GVWR (Non-CARB)  
8" Vacuum System, "Roots type PD Model 824, 18" hg. and 4500 cfm  
Vacuum booster valve  
Pleated final filter assembly  
Rear splash shield  
Acculevel debris level indicator  
Front Body Drain, 6", knife valve, 35' x 6" fabric drain hose, camlock cap  
Trash Pump, 3", Hydraulic, 420gpm, Front Body w/ Side Discharge  
80 GPM @ 2500 PSI Water Pump  
Winter recirculation  
Retractable hose reel with live center with 50' x 1/2" hose  
Low water warning light and alarm with water capacity digital display  
Wireless remote  
600' 1" hose  
Fully automatic power level wind  
Hose reel tensioning system  
Hose Reel Digital Counter (Automatic)  
LED Boom Work Lights  
LED Flood Light Package, Tailgate Area, Power Unit Area  
Cordless Rechargeable Handheld Work light  
LED Package 2 - (2) Tailgate and (2) Boom beacon omni-directional strobes  
LED Package 3 - Front, Mid-ship, and Rear bumper directional strobes  
Toolbox, 48", Lower, Curb  
Tool box, 36" Mid Curb  
Tool Box, 36" Upper Curb, Top Hinge  
Toolbox, 52", Driver Side  
Front & Rear Towhooks  
Camera System, front  
-1- Set Wheel Chocks w/ Driver Side Holder  
Powder Coat Finish, White (Standard)

Hydro-X Kit, Bandlock Style (SP Style)  
Gator Nozzle (80 GPM, 2,000 PSI)  
Tri-Jet Nozzle, (80 GPM, 2000 PSI)  
3D Cleaning Nozzle (80 GPM, 2500 PSI)  
Large Chisel Nozzle (80 GPM, 2500 PSI)  
1" standard nozzle extension  
Hose, 25', cotton - Single Jacket Filler Hose  
Leader Hose 1" x 10'  
Washdown handgun  
Tigertail Sewer Hose Guide (2)  
Hydrant wrench  
Puller hook  
Supertube Lockring 6" (2)  
Supertube O-Ring 6" (2)  
Supertube Lock ring 8" (8)  
Supertube O-ring 8" (8)  
8" x 24" Fluidizing Suction Tube Nozzle  
8" x 60" Supertube w/ Crown  
8" x 36" Supertube - Aluminum  
8" x 60" Supertube - Aluminum (2)  
8" x 84" Supertube - Aluminum (2)  
8" X 96" Supertube - Aluminum (2)  
Kanaflex Drain Hose, Female 6" Camlock

FOB East Lyme, Per Sourcewell Contract # 101221-SPL..... \$577,980.47  
Current delivery estimate is Q2 2025, subject to change at time of order.

Thank you for this opportunity and your interest in Tri-County Contractors Supply.

Sincerely,

*Clark W. Stearns*

Clark W. Stearns  
Territory Sales Representative  
Tri-County Contractors Supply LLC  
Cell: 860-377-4096  
[cstearns@tricontractors.com](mailto:cstearns@tricontractors.com)

12/10/24

Estimate \$29k to 46k increase Jan 01, 2025 (5 to 8%)  
CWS

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>2851000 WATER OPERATIONS</b>							
<b>46101 INTEREST INCOME</b>							
2851000 46101 INTINCOME	-70,000	0	-70,000	.00	.00	-70,000.00	.0%
<b>48996 MISC FEES</b>							
2851000 48996 MISC FEES	-35,000	0	-35,000	-3,842.49	.00	-31,157.51	11.0%
<b>49550 USE OF RESERVES</b>							
2851000 49550 USE RESERV	-25,962	0	-25,962	.00	.00	-25,962.00	.0%
<b>49600 METERED SEWER SERVICE</b>							
2851000 49600 WTR SERV	0	0	0	-28,304.59	.00	28,304.59	100.0%
<b>49601 METERED WATER SERVICE</b>							
2851000 49601 WAT SERV	-4,079,577	0	-4,079,577	-1,892,302.13	.00	-2,187,274.87	46.4%
<b>49602 DELINQUENT INTEREST</b>							
2851000 49602 DELINQ INT	-30,000	0	-30,000	-5,681.54	.00	-24,318.46	18.9%
<b>49603 BENEFIT CHARGES</b>							
2851000 49603 BEN CHARGE	-7,500	0	-7,500	-4,250.00	.00	-3,250.00	56.7%
<b>49604 ASSESSMENT CHARGES</b>							
2851000 49604 ASSMT CHG	-15,000	0	-15,000	-2,000.00	.00	-13,000.00	13.3%
<b>49605 CONNECTION CHARGES</b>							
2851000 49605 CON CHARGE	-45,000	0	-45,000	-22,500.00	.00	-22,500.00	50.0%

EAST LYME  
WATER & SEWER COMMISSION

DEC 17 2024

AGENDA# 9

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>49606 SEWER PORTION OF METERS</b>							
2851000 49606 SW POR MET	-80,500	0	-80,500	.00	.00	-80,500.00	.0%
<b>49607 SALE OF METERS/ HYDRANTS</b>							
2851000 49607 SALE ME/HY	-5,000	0	-5,000	-833.36	.00	-4,166.64	16.7%
<b>49608 PRIVATE HYDRANT FEES</b>							
2851000 49608 PRI HYD FE	-72,300	0	-72,300	.00	.00	-72,300.00	.0%
<b>49609 TOWN FIRE HYDRANT PROTECTION</b>							
2851000 49609 TWN FIR HY	-69,410	0	-69,410	.00	.00	-69,410.00	.0%
<b>49610 LEASE/RENTALS</b>							
2851000 49610 LEASE/RENT	-84,171	0	-84,171	-25,216.20	.00	-58,954.80	30.0%
<b>49611 INSPECTION FEES</b>							
2851000 49611 INSPEC FEE	-15,000	0	-15,000	.00	.00	-15,000.00	.0%
<b>49613 PERMITS</b>							
2851000 49613 PERMITS	0	0	0	-1,290.00	.00	1,290.00	100.0%
<b>49614 DELINQUENT INT ASSESSMENTS</b>							
2851000 49614 ASSMT DELI	-1,000	0	-1,000	.00	.00	-1,000.00	.0%
<b>49615 LIEN FEES</b>							
2851000 49615 LIEN FEES	0	0	0	-72.00	.00	72.00	100.0%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>49617 NON-PAYMENT FEES</b>							
2851000 49617 NON-PMT FE	0	0	0	-1,012.43	.00	1,012.43	100.0%
<b>51618 NON UNION WAGES</b>							
2851000 51618 NON UNION	245,600	0	245,600	78,477.11	.00	167,122.89	32.0%
<b>51619 UNION WAGES</b>							
2851000 51619 FIELD SAL	691,000	0	691,000	328,042.00	.00	362,958.00	47.5%
<b>51620 PART TIME WAGES</b>							
2851000 51620 METER INST	0	0	0	6,474.50	.00	-6,474.50	100.0%
<b>51625 OTHER PAY</b>							
2851000 51625 ADM ASST	80,900	0	80,900	34,033.64	.00	46,866.36	42.1%
<b>51630 OVERTIME</b>							
2851000 51630 FIELD OT	92,800	0	92,800	28,569.81	.00	64,230.19	30.8%
<b>52200 EMPLOYER SHARE SOCIAL SECURITY</b>							
2851000 52200 SOCIAL SEC	85,000	0	85,000	34,687.75	.00	50,312.25	40.8%
<b>52250 Personnel Benefits</b>							
2851000 52250 BENEFITS	343,000	0	343,000	137,774.52	128,478.75	76,746.73	77.6%
<b>53010 PURCHASED PROFESSIONAL SRV</b>							
2851000 53010 OUT SERV	183,790	0	183,790	53,538.31	39,079.48	91,172.21	50.4%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>53500 TECHNICAL SERVICES</b>							
2851000 53500 NEW SERV	10,000	0	10,000	13,165.32	4,685.00	-7,850.32	178.5%
<b>53520 OTHER TECHNICAL SERVICES</b>							
2851000 53520 NEW METERS	15,000	0	15,000	14,125.88	268.52	605.60	96.0%
<b>53521 OTHER TECHNICAL SERVICES 1</b>							
2851000 53521 INTERCON	100,440	0	100,440	.00	.00	100,440.00	.0%
<b>54302 PUMP STATION MAINTENANCE</b>							
2851000 54302 PUMP MAINT	25,000	0	25,000	930.68	1,688.22	22,381.10	10.5%
<b>54304 MAINTENANCE OF WET WELLS</b>							
2851000 54304 WELL MAINT	175,000	0	175,000	26,386.19	38,183.98	110,429.83	36.9%
<b>54309 VEHICLE MAINTENANCE</b>							
2851000 54309 VEH MAINT	11,000	0	11,000	15,539.64	4,616.68	-9,156.32	183.2%
<b>54311 MAINTENANCE OF HYDRANTS</b>							
2851000 54311 HYDRANT MA	5,000	0	5,000	.00	.00	5,000.00	.0%
<b>54312 MAINTENANCE OF TRANSMISSION</b>							
2851000 54312 TRANS MAIN	120,000	0	120,000	58,494.80	58,583.34	2,921.86	97.6%
<b>54313 MAINTENANCE OF O&amp;M</b>							
2851000 54313 O&M MAINT	16,640	0	16,640	1,523.85	449.85	14,666.30	11.9%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>54421 VEHICLE ACQUISITION PAYMENT</b>							
2851000 54421 VEH ACQ PM	88,255	0	88,255	26,654.68	.00	61,600.32	30.2%
<b>55200 PROPERTY LIABILITY INSURANCE</b>							
2851000 55200 PR-LIB-INS	26,700	0	26,700	20,025.00	6,675.00	.00	100.0%
<b>55915 CONTINGENCY</b>							
2851000 55915 CONTING	100,000	0	100,000	7,719.67	7,941.84	84,338.49	15.7%
<b>56100 OFFICE SUPPLIES</b>							
2851000 56100 OFFSUPPLY	0	0	0	84.95	.00	-84.95	100.0%
<b>56195 CHEMICALS</b>							
2851000 56195 CHEMICALS	400,000	0	400,000	152,474.67	90,760.65	156,764.68	60.8%
<b>56220 ELECTRICITY</b>							
2851000 56220 ELECTRIC	390,000	0	390,000	141,456.84	.00	248,543.16	36.3%
<b>56270 FUEL - UNLEADED/DIESEL</b>							
2851000 56270 FUEL	39,000	0	39,000	5,380.31	3,950.42	29,669.27	23.9%
<b>57310 INSTRUCTIONAL EQUIPMENT</b>							
2851000 57310 INSTREQP	10,000	0	10,000	1,622.83	2,500.00	5,877.17	41.2%
<b>57320 NON-INSTRUCTIONAL EQUIPMENT</b>							
2851000 57320 COM EQP	9,000	0	9,000	4,169.24	4,830.76	.00	100.0%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRANFRS/ ADJUSTMS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>58320 BONDS INTEREST</b>							
2851000 58320 BONDS INTE	306,602	0	306,602	40,075.79	.00	266,526.21	13.1%
<b>58790 BONDS PRINCIPAL</b>							
2851000 58790 BONDS PRIN	693,942	0	693,942	105,818.73	.00	588,123.27	15.2%
<b>58900 TRAINING</b>							
2851000 58900 TRAINING	25,400	0	25,400	10,369.92	5,730.79	9,299.29	63.4%
<b>59020 OPERATING TRF OUT</b>							
2851000 59020 OPER TRFOT	70,000	0	70,000	.00	.00	70,000.00	.0%
<b>59030 CAPITAL</b>							
2851000 59030 CAPITAL	200,000	0	200,000	14,202.67	7,011.01	178,786.32	10.6%
<b>59105 TRANSFER IN/OUT</b>							
2851000 59105 TRANSINOUT	76,351	0	76,351	.00	.00	76,351.00	.0%
TOTAL WATER OPERATIONS	0	0	0	-625,485.44	405,434.29	220,051.15	100.0%
TOTAL REVENUES	-4,635,420	0	-4,635,420	-1,987,304.74	.00	-2,648,115.26	
TOTAL EXPENSES	4,635,420	0	4,635,420	1,361,819.30	405,434.29	2,868,166.41	
GRAND TOTAL	0	0	0	-625,485.44	405,434.29	220,051.15	100.0%

\*\* END OF REPORT - Generated by Mitchell Nixon \*\*

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06							
	ORIGINAL APPROP	TRNFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>6001000 SEWER OPERATIONS FUND</b>							
<b>46101 INTEREST INCOME</b>							
6001000 46101 INTINCOME	-35,000	0	-35,000	- .99	.00	-34,999.01	.0%
<b>48991 MISCELLANEOUS REVENUE</b>							
6001000 48991 MISCREV	0	0	0	-265.64	.00	265.64	100.0%
<b>49100 INTERFUND TRANSFERS</b>							
6001000 49100 INTERTRANS	-318,365	0	-318,365	.00	.00	-318,365.00	.0%
<b>49600 METERED SEWER SERVICE</b>							
6001000 49600 SEW SERV	-2,053,495	1,579,217	-474,278	-184,988.31	.00	-289,289.69	39.0%
<b>49601 METERED WATER SERVICE</b>							
6001000 49601 WAT SERV	-474,278	-1,579,217	-2,053,495	-962,163.84	.00	-1,091,331.16	46.9%
<b>49602 DELINQUENT INTEREST</b>							
6001000 49602 DELINQ INT	-10,000	0	-10,000	-2,417.81	.00	-7,582.19	24.2%
<b>49612 MAINTENANCE FEES</b>							
6001000 49612 MAINT FEE	-7,800	0	-7,800	-4,313.44	.00	-3,486.56	55.3%
<b>49613 PERMITS</b>							
6001000 49613 PERMITS	-3,000	0	-3,000	-1,890.00	.00	-1,110.00	63.0%
<b>52200 EMPLOYER SHARE SOCIAL SECURITY</b>							
6001000 52200 FICA/MED	47,800	0	47,800	17,288.30	.00	30,511.70	36.2%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06								
	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
<b>54420 LEASE EQUIPMENT/VEHICLES</b>								
6001000 54420 LEASE	1,498	0	1,498	4,493.52	.00	-2,995.52	300.0%	
TOTAL SEWER OPERATIONS FUND	-2,852,640	0	-2,852,640	-1,134,258.21	.00	-1,718,381.79	39.8%	
TOTAL REVENUES	-2,901,938	0	-2,901,938	-1,156,040.03	.00	-1,745,897.97		
TOTAL EXPENSES	49,298	0	49,298	21,781.82	.00	27,516.18		
<b>6001001 SEWER OPERATIONS</b>								
<b>51619 UNION WAGES</b>								
6001001 51619 FIELD SAL	335,100	0	335,100	150,359.21	.00	184,740.79	44.9%	
<b>51630 OVERTIME</b>								
6001001 51630 FIELD OT	60,800	0	60,800	18,247.62	.00	42,552.38	30.0%	
<b>52200 EMPLOYER SHARE SOCIAL SECURITY</b>								
6001001 52200 FIELD BEN	162,000	0	162,000	85,410.48	72,058.24	4,531.28	97.2%	
<b>54302 PUMP STATION MAINTENANCE</b>								
6001001 54302 PUMP MAINT	85,000	0	85,000	26,184.29	20,056.05	38,759.66	54.4%	
<b>54304 MAINTENANCE OF WET WELLS</b>								
6001001 54304 WELL MAINT	70,000	0	70,000	24,016.00	19,396.78	26,587.22	62.0%	
<b>54306 MAINTENANCE OF SYSTEMS</b>								
6001001 54306 SYSTEM MAI	13,000	27,980	40,980	31,072.22	9,297.00	610.83	98.5%	
<b>54307 INFILTRATION/ INFLOW IMPROVEM</b>								
6001001 54307 INFLOW SYS	2,000	0	2,000	.00	.00	2,000.00	.0%	

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06								
	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
<b>54308 TREATMENT PLANT &amp; SYS FEE</b>								
6001001 54308 TRMNT FEE	1,107,000	0	1,107,000	365,262.98	425,262.98	316,474.04	71.4%	
<b>54309 VEHICLE MAINTENANCE</b>								
6001001 54309 VEH MAINT	9,000	0	9,000	2,792.95	4,999.05	1,208.00	86.6%	
<b>54313 MAINTENANCE OF O&amp;M</b>								
6001001 54313 O&M MAINT	16,640	0	16,640	8,971.80	4,937.90	2,730.30	83.6%	
<b>55300 COMMUNICATIONS-TELEPHONE</b>								
6001001 55300 TELEPHONE	5,900	0	5,900	1,849.23	2,514.93	1,535.84	74.0%	
<b>56100 OFFICE SUPPLIES</b>								
6001001 56100 MAT & SUPP	11,500	0	11,500	5,570.79	8,080.01	-2,150.80	118.7%	
<b>56195 CHEMICALS</b>								
6001001 56195 CHEMICALS	140,000	0	140,000	58,030.89	47,781.11	34,188.00	75.6%	
<b>56205 UTILITIES</b>								
6001001 56205 UTILITIES	200,000	0	200,000	79,505.24	-.03	120,494.79	39.8%	
<b>56270 FUEL - UNLEADED/DIESEL</b>								
6001001 56270 FUEL	28,200	0	28,200	349.00	11,498.00	16,353.00	42.0%	
TOTAL SEWER OPERATIONS	2,246,140	27,980	2,274,120	857,622.70	625,882.02	790,615.33	65.2%	
TOTAL EXPENSES	2,246,140	27,980	2,274,120	857,622.70	625,882.02	790,615.33		
<b>6001002 SEWER ADMINISTRATION</b>								
51619 UNION WAGES								

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06								
6001002	SEWER ADMINISTRATION	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
6001002	51619 ADM SAL	227,700	0	227,700	120,211.21	.00	107,488.79	52.8%
<b>53010 PURCHASED PROFESSIONAL SRV</b>								
6001002	53010 OUT SERV	32,100	0	32,100	16,538.80	3,919.61	11,641.59	63.7%
<b>53220 PROFESSIONAL DEVELOPMENT</b>								
6001002	53220 PROFDEVEL	4,000	0	4,000	.00	.00	4,000.00	.0%
<b>53420 LEGAL SERVICES</b>								
6001002	53420 LEG & ACC	18,300	0	18,300	12,439.54	3,517.00	2,343.46	87.2%
<b>55200 PROPERTY LIABILITY INSURANCE</b>								
6001002	55200 PD&L	41,400	0	41,400	29,775.00	9,925.00	1,700.00	95.9%
<b>56100 OFFICE SUPPLIES</b>								
6001002	56100 SUP & MISC	2,500	0	2,500	907.11	2,003.50	-410.61	116.4%
TOTAL SEWER ADMINISTRATION		326,000	0	326,000	179,871.66	19,365.11	126,763.23	61.1%
TOTAL EXPENSES		326,000	0	326,000	179,871.66	19,365.11	126,763.23	
<b>6001003 SEWER CAPITAL</b>								
<b>54370 PROJECTS</b>								
6001003	54370 PROJECTS	80,500	0	80,500	.00	.00	80,500.00	.0%
<b>55915 CONTINGENCY</b>								
6001003	55915 CONTING	50,000	-27,980	22,020	.00	.00	22,019.95	.0%

# Town of East Lyme, CT



## YEAR-TO-DATE BUDGET REPORT

FOR 2025 06

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
<b>59030 CAPITAL</b>							
6001003 59030 CAP RES	100,000	0	100,000	14,895.02	20,775.00	64,329.98	35.7%
<b>59105 TRANSFER IN/OUT</b>							
6001003 59105 TRANSINOUT	50,000	0	50,000	.00	.00	50,000.00	.0%
TOTAL SEWER CAPITAL	280,500	-27,980	252,520	14,895.02	20,775.00	216,849.93	14.1%
TOTAL EXPENSES	280,500	-27,980	252,520	14,895.02	20,775.00	216,849.93	
GRAND TOTAL	0	0	0	-81,868.83	666,022.13	-584,153.30	100.0%

\*\* END OF REPORT - Generated by Mitchell Nixon \*\*

**Super Products®**

# **CAMEL® MAX SERIES**

**COMBINATION SEWER CLEANERS**



**MAXIMUM SAFETY.®**

**MAXIMUM RELIABILITY.®**

**MAXIMUM PERFORMANCE.®**

800.837.9711 • [WWW.SUPERPRODUCTS.COM](http://WWW.SUPERPRODUCTS.COM)



## The Most Versatile Combo in the Industry

Jet • Vacuum • Hydro Excavate • Wastewater Recycle • Dump • Eject

# AVAILABLE MODELS



**Camel 900 Dump**

- › Debris Body: 9 yards
- › Vacuum Blower: 3600 cfm
- › Water Capacity: 1000 gallons
- › Debris Body: 9 yards
- › Single Axle
- › Length: 35' 6" (approx.)
- › Height: 11' 6" (approx.)



**Camel 1200 Dump**  
**Camel 1200 Eject**  
**Camel 1200 Wastewater Recycle**

- › Debris Body: 12 yards
- › Vacuum Blower: 3600 cfm
- › Water Capacity: 1500 gallons
- › Tandem Axle
- › High Dump Body
- › Length: 38' 6" (approx.)
- › Height: 11' 11" (approx.)

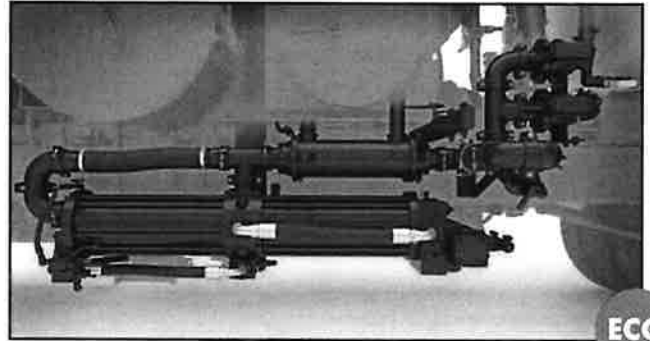
# STANDARD FEATURES

## AVAILABLE ON ALL UNITS

SAFETY

### Highly Accomodating Front-Mounted Hose Reel

- 270° rotation, 180° rotation fully retracted
- Capable of 1000' of 1" diameter sewer hose
- Extends 18"



ECO

### Advanced Water Pump

- Pressure sensing, double acting, single piston pump, powered by pressure & flow compensating hydraulic system
- 1:1 oil to water ratio
- Designed capacity of 100 gpm and 3000 psi
- Does not need to be removed from chassis for service

### Additional Standard Features

SAFETY

#### Safety

- Backup Camera
- Body Up Alarm
- Boom Up Alarm
- Debris Body Safety Prop
- Safety Cones
- Sewer Hose Containment Shield
- Tailgate Alarm
- Tailgate Safety Props

#### Debris Body

- (1) Centrifugal Cyclone Separator: 44,000 cubic inches
- Exterior Tank Front Mounted Level Gauge
- Industrial Powder Coat Finish; White
- Internal Debris Tank Flush Out System
- Quick Release Door less than 50" off the ground
- ¼" Thick Debris Body EXTEN Steel Construction

#### Vacuum System

- Hot Shift Transfer Case
- Positive Displacement Blower
- Vacuum Blower: 3600 cfm

#### Water System

- Air Purge
- Antifreeze System
- Dual Nitrogen charge Accumulators
- Dual Hydraulic Cooling
- Water Tank; rotationally molded, non-cross linked, polyethylene

#### Boom System

- 8" Hydraulic Boom with 8' Hydraulic Extension
- 1000lb Boom Lifting Capacity
- 217° of Rotation
- Tube Storage, Back of Cab

#### Tailgate

- (4) Adjustable Hydraulic Wedge Pins
- Hydraulic Powered Tailgate

ECO



### Precision Controls

- Ability to run water pump with or without vacuum
- LED panel lights enables readability in all environments at 1000 nits
- Unit Self Diagnostic

ECO

### Single Engine Design

All Camel models feature a single engine design which offers:

- Lighter Weight
- Up to 40% Less in Fuel Use
- 15% Lower Operating RPM

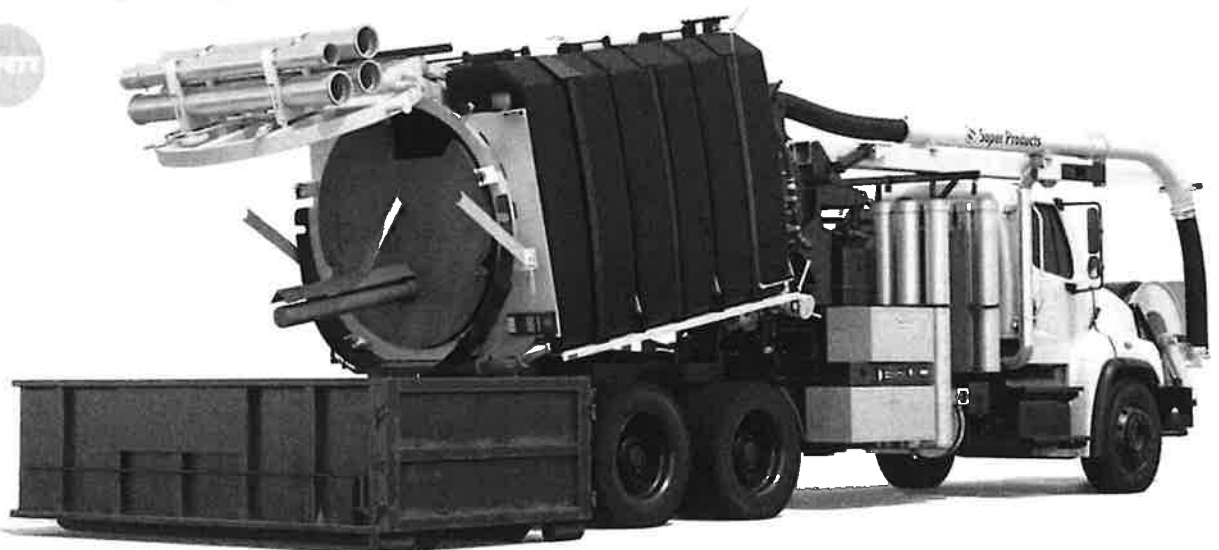
# UNLOADING SYSTEMS: DUMP OR EJECT

**Dump Unloading:** The dump unloading system uses a telescopic hydraulic cylinder to raise the body up to a 50° angle and gravity removes the debris. This unit has **the capability to dump into a 42-inch container.** The unit still maintains a low overhead height during normal operation and a low center of gravity for increased stability.



**Eject Unloading:** The eject unloading system is the industry's safest and most efficient removal of debris. The body raises to an 8.5° angle and the ejector plate quickly pushes out debris. This allows operators to have **the only controlled way to dump into a 48-inch container** without the need of additional containment products.

1200 Eject  
and  
WWR



# WASTEWATER RECYCLING: FILL IT ONCE & WORK ALL DAY

Super Products' wastewater recycling system enables operators to clean sewers without the use of fresh water.

**SAVE WATER**

Clean 3,000 feet of pipe a day;  
**SAVE 60,000 GALLONS**  
of water a week!

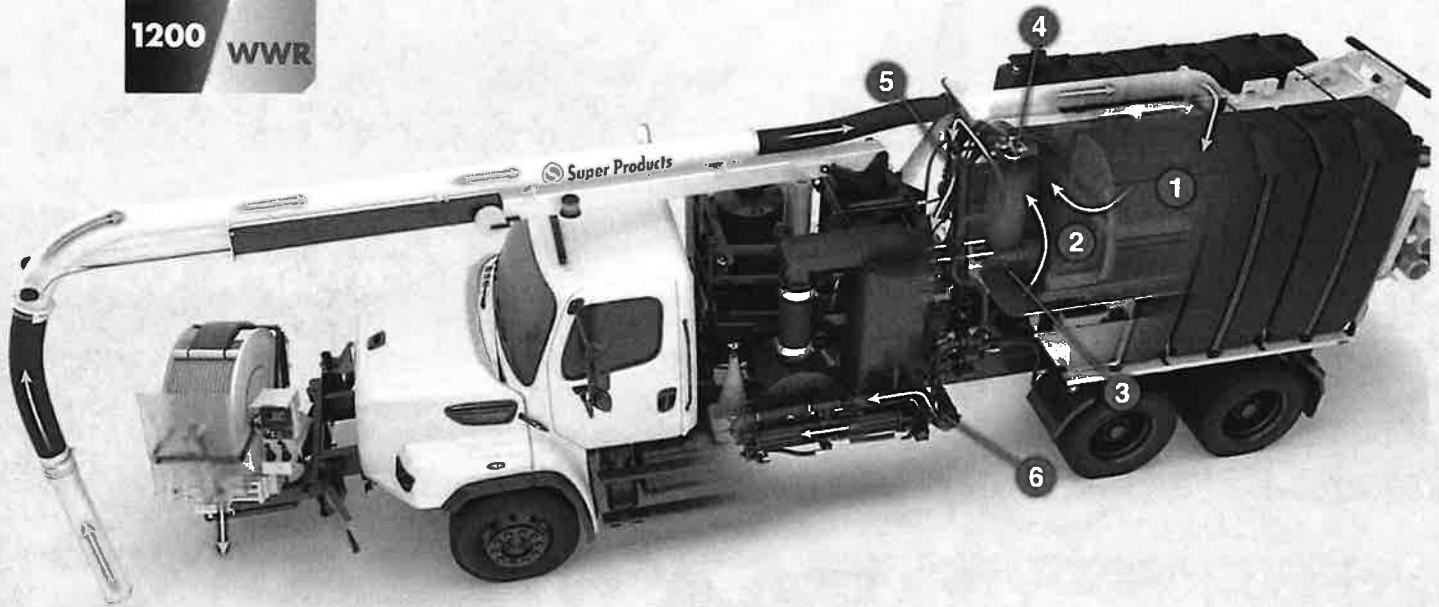
**SAVE TIME**



Longer onsite performance;  
**CLEAN 78% MORE**  
pipe a day!

This equates to **2** extra work days!

**1200 WWR**



**ECO**

## 6 Stages of Wastewater Recycling

- 1. Debris Tank** – Initial separation takes place as debris enters
- 2. Ejector Plate** – Small clearances and passages allow liquids to pass to the bulkhead side, holding solids on the tailgate side
- 3. Recycling Water Reservoir** – Controls water level on filter screen
- 4. Stainless Steel Wedge Wire Filter** – Self-cleaning and oscillating
  - Constant low pressure spray bar uses recycled water to externally clean the screen
  - Intermittent high pressure spray bar uses fresh water to internally clean the screen
- 5. Cyclone Separator** – Removes particles from the liquid
  - Includes an automatic continuous discharge of particles back into the debris body
- 6. Y-Strainer with Stainless Steel Element** – Filters the liquid prior to the high pressure water pump

# OPTIONAL FEATURES

## AVAILABILITY VARIES

### Optional Features

- Fully Automatic Powered Level Wind
- Hose Reel Tensioning
- Hydrant Fill with Auto Shut Off
- Lighting Packages
- Multiple Axles
- Signboards
- Splash Shield
- Tailgate Tube Rack
- Tool Boxes
- Vacuum Blower Options up to 5500 cfm
- Winter Recirculation
- Wireless Remote

OPTION

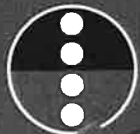
### Increase your Payload

Adding the **Pusher Axle** stretches chassis length by 12" while increasing payload capacity.



OPTION

**ACCULEVEL**  
Load Sensor System



### 20/20 Vision for your Camel

The **ACCULEVEL®** is an innovative radar debris body level sensor that shows the true debris level. This is digitally displayed on the front mounted control panel for easy operating viewing. By monitoring this, the operator can choose to continue working, dewater or dump debris.

OPTION

### Hydro Excavation

Adding the **Hydro Ex Package** to your truck will transform your Combination Sewer Cleaner into a Hydro Excavator. The package comes with (1) water handgun, (1) dig tube with nonconducting cuff, (1) rebuildable urethane coated nozzle, tailgate tube rack and other accessories to turn your Camel into a 3 in 1 mobile unit. Clean a sewer line in the morning and unearth utility lines in the afternoon.



Sourcewell

Awarded Contract

Contract # 101221-SPL

**HGACBuy**  
THE SMART PURCHASING SOLUTION



**Super Products®**

An Alamo Group Company



**East Lyme Water Department  
Monthly Report for November 2024**

**1. General Statistics**

<b>TASKS PERFORMED BY WATER DEPT</b>	<b>November 2024</b>	<b>TOTAL THIS YEAR</b>	<b>TOTAL LAST YEAR (Jan 1 to Dec 30)</b>
<b>Meters Installed (New Accounts)</b>	1	18	22
<b>New Meters In System</b>	5	487	New / Total
			6826 / 6870 or 99.4%
<b>New Service Connections Installed</b>	0	3	18
<b>Services and Mains Repaired<sup>(1)</sup></b>	1 Mainbreak / 1 Service Leak	49	33
<b>Total Gallons Pumped</b> <i>Millions of Gallons</i>	41.463	594.107	676.364

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

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

	<b>November 2024</b>	<b>November 2023</b>	<b>% Difference LY</b>
<b>Water Produced</b> <i>Million Gallons Daily</i>	1.382	1.580	-12.51%

MADD as a % of 3.16 MGD available water (24-hour pumping) = 43.74%

MADD as a % of 2.37 MGD available water (18-hour pumping) = 58.32%

**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 2.76 inches for the month. Drought conditions are improving with recent precipitation, but streamflow restrictions are still triggered for Bride Brook WTP and associated wells.
- 2.) Staff is preparing for winter by performing shut offs for seasonal residents, installing and inspecting the operation of plows and de-icing equipment, and draining down fire hydrants that do not drain well to protect them from freezing.
- 3.) Meter work is continuing with customers who had new meters installed but have trouble communicating with our system for various reasons. This is a slow process, but one that is valuable to invest effort to make the most benefit
- 4.) Annual backflow testing is wrapping up, as staff is required to survey and/or test the roughly 100 cross connection devices in town to comply with DPH regulations.

EAST LYME  
WATER & SEWER COMMISSION

DEC 17 2024

AGENDA# 14a

**EAST LYME WATER DEPARTMENT**

**Historic Water Production in Million Gallons per Month**

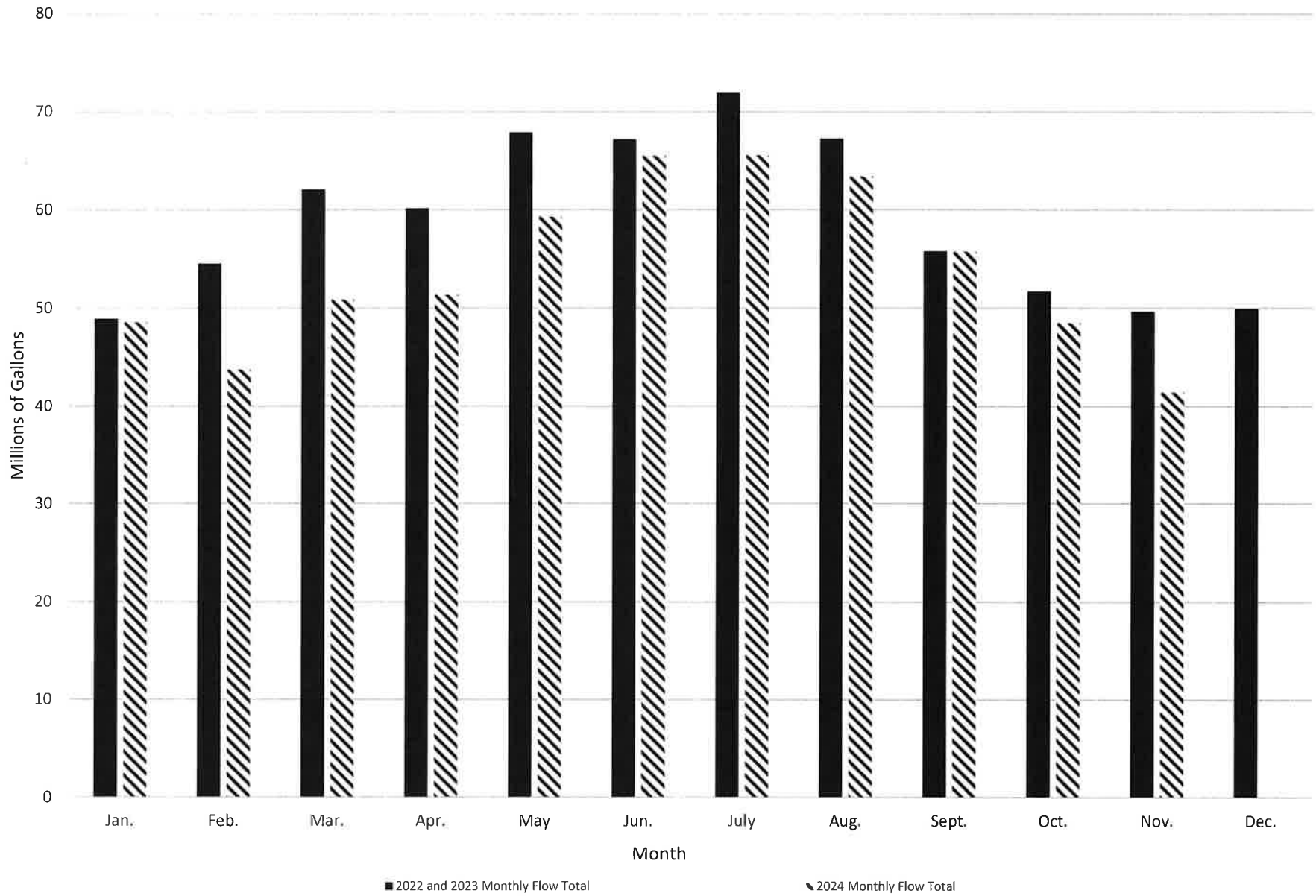
	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>% +/- (Previous Year)</b>	<b>Monthly Precip. (in.)</b>
<b>Jan.</b>	53.405	55.502	55.699	48.433	44.334	44.334	45.053	63.884	49.219	48.554	-1.35%	8.63
<b>Feb.</b>	50.538	58.426	56.887	41.951	44.733	47.832	41.912	61.236	47.891	43.782	-8.58%	1.98
<b>Mar.</b>	55.848	56.130	55.300	44.903	54.467	50.150	48.343	65.938	58.247	50.871	-12.66%	10.34
<b>Apr.</b>	54.891	56.931	49.606	46.231	52.493	48.753	49.554	60.322	59.939	51.362	-14.31%	4.75
<b>May</b>	68.621	65.388	58.395	51.915	57.692	55.327	57.411	65.009	70.825	59.312	-16.26%	6.82
<b>Jun.</b>	64.086	74.172	64.325	57.332	58.021	64.665	57.685	68.306	66.084	65.523	-0.85%	4.18
<b>July</b>	80.638	81.529	67.948	67.364	69.703	64.939	62.206	79.552	64.318	65.571	1.95%	6.75
<b>Aug.</b>	71.557	73.078	62.844	61.898	65.912	66.044	63.933	75.649	58.913	63.419	7.65%	4.42
<b>Sept.</b>	62.752	56.264	48.592	52.642	58.151	56.757	55.281	56.869	54.729	55.774	1.91%	1.72
<b>Oct.</b>	56.829	53.767	45.152	48.004	51.836	48.088	53.507	54.484	48.969	48.476	-1.01%	1.14
<b>Nov.</b>	56.798	51.876	39.400	51.065	45.917	40.639	52.801	54.519	44.729	41.463	-7.30%	2.76
<b>Dec.</b>	59.049	53.697	45.664	40.675	48.171	40.399	56.781	53.467	46.355			
<b>Average</b>	61.251	61.397	54.151	51.034	54.286	52.327	53.706	63.270	55.852	54.010		53.49
<b>% +/- (Previous Year)</b>		0.24%	-11.80%	-5.76%	6.37%	-3.61%	2.63%	17.81%	-11.72%			
<b>% +/- Running Annual Average</b>											-4.62%	

**EAST LYME WATER DEPARTMENT**

**Historic Water Production in Million Gallons per Month**

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>AVG. Previous Years</b>	<b>2024</b>	<b>% +/- (Previous Years)</b>	<b>Monthly Precip. (in.)</b>
<b>Jan.</b>	53.405	55.502	55.699	48.433	44.334	44.334	45.053	63.884	49.219	51.096	48.554	-4.97%	8.63
<b>Feb.</b>	50.538	58.426	56.887	41.951	44.733	47.832	41.912	61.236	47.891	50.156	43.782	-12.71%	1.98
<b>Mar.</b>	55.848	56.130	55.300	44.903	54.467	50.150	48.343	65.938	58.247	54.370	50.871	-6.43%	10.34
<b>Apr.</b>	54.891	56.931	49.606	46.231	52.493	48.753	49.554	60.322	59.939	53.191	51.362	-3.44%	4.75
<b>May</b>	68.621	65.388	58.395	51.915	57.692	55.327	57.411	65.009	70.825	61.176	59.312	-3.05%	6.82
<b>Jun.</b>	64.086	74.172	64.325	57.332	58.021	64.665	57.685	68.306	66.084	63.853	65.523	2.62%	4.18
<b>July</b>	80.638	81.529	67.948	67.364	69.703	64.939	62.206	79.552	64.318	70.911	65.571	-7.53%	6.75
<b>Aug.</b>	71.557	73.078	62.844	61.898	65.912	66.044	63.933	75.649	58.913	66.648	63.419	-4.84%	4.42
<b>Sept.</b>	62.752	56.264	48.592	52.642	58.151	56.757	55.281	56.869	54.729	55.782	55.774	-0.01%	1.72
<b>Oct.</b>	56.829	53.767	45.152	48.004	51.836	48.088	53.507	54.484	48.969	51.182	48.476	-5.29%	1.14
<b>Nov.</b>	56.798	51.876	39.400	51.065	45.917	40.639	52.801	54.519	44.729	48.638	41.463	-14.75%	2.76
<b>Dec.</b>	59.049	53.697	45.664	40.675	48.171	40.399	56.781	53.467	46.355	49.362			
<b>Total</b>	735.012	736.760	649.812	612.413	651.430	627.927	644.467	759.235	670.218	676.364	594.107		53.49
<b>% +/- (Previous Year)</b>		0.24%	-11.80%	-5.76%	6.37%	-3.61%	2.63%	17.81%	-11.72%				
<b>% +/- Running Annual Average</b>												-5.49%	

### East Lyme Water - Production by Month



**EAST LYME WATER DEPARTMENT  
Well Production Report November 2024**

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	0.352		0.181		0.165		0.157		0.123		0.171		0.232		0.322	0.504	1.382	0.000	0.000	1.382	
Date	*Alert* Trigger	12.0		4.0		15.0		20.0		6.0		18.0		22.0							
11/1/2024	0.410	12.0	0.195	8.0	0.207	41.9	0.173	35.9	0.156	5.40	0.216	12.7	0.075	31.2	0.380	0.574	1.431	0.000	0.000	1.431	0.02
11/2/2024	0.352	11.9	0.210	33.0	0.206	41.8	0.167	35.9	0.157	13.30	0.200	9.7	0.112	39.3	0.373	0.582	1.403	0.000	0.000	1.403	0.00
11/3/2024	0.392	11.9	0.174	33.0	0.160	41.8	0.127	35.8	0.156	13.20	0.183	33.2	0.270	30.8	0.287	0.461	1.461	0.000	0.000	1.461	0.00
11/4/2024	0.376	17.1	0.228	20.0	0.195	5.0	0.166	30.2	0.138	13.20	0.178	9.6	0.259	39.1	0.361	0.589	1.540	0.000	0.000	1.540	0.01
11/5/2024	0.336	11.9	0.135	33.0	0.196	4.6	0.158	29.7	0.115	5.30	0.192	33.0	0.232	30.7	0.354	0.488	1.363	0.000	0.000	1.363	0.00
11/6/2024	0.311	11.9	0.227	8.0	0.194	4.8	0.169	29.9	0.150	5.20	0.160	33.0	0.215	30.6	0.363	0.590	1.426	0.000	0.000	1.426	0.00
11/7/2024	0.310	17.1	0.172	8.0	0.165	6.8	0.145	29.7	0.081	5.30	0.147	32.8	0.214	39.0	0.310	0.481	1.234	0.000	0.000	1.234	0.00
11/8/2024	0.338	12.0	0.184	8.0	0.163	6.9	0.147	29.9	0.153	5.20	0.181	33.1	0.233	30.6	0.310	0.494	1.398	0.000	0.000	1.398	0.00
11/9/2024	0.334	12.2	0.156	8.0	0.142	6.7	0.127	29.4	0.120	5.20	0.176	33.0	0.230	31.0	0.269	0.425	1.285	0.000	0.000	1.285	0.00
11/10/2024	0.345	12.1	0.184	34.0	0.166	7.3	0.151	29.9	0.112	5.10	0.184	10.3	0.238	30.8	0.317	0.501	1.381	0.000	0.000	1.381	0.00
11/11/2024	0.348	12.4	0.160	34.0	0.145	7.3	0.131	30.0	0.133	5.10	0.196	9.7	0.240	32.5	0.276	0.437	1.354	0.000	0.000	1.354	0.35
11/12/2024	0.298	12.0	0.190	8.0	0.178	41.8	0.166	35.7	0.119	5.20	0.132	10.7	0.206	30.7	0.344	0.533	1.288	0.000	0.000	1.288	0.00
11/13/2024	0.308	12.2	0.159	8.0	0.120	6.9	0.106	39.6	0.145	13.20	0.154	33.2	0.212	30.8	0.226	0.385	1.205	0.000	0.000	1.205	0.00
11/14/2024	0.327	17.2	0.172	8.0	0.155	7.7	0.141	29.9	0.123	5.20	0.172	33.2	0.226	38.6	0.296	0.468	1.316	0.000	0.000	1.316	0.00
11/15/2024	0.335	17.2	0.167	8.0	0.165	42.1	0.146	29.9	0.189	5.20	0.186	8.4	0.231	30.9	0.311	0.478	1.419	0.000	0.000	1.419	0.00
11/16/2024	0.348	12.1	0.197	8.0	0.186	7.8	0.162	30.0	0.126	5.20	0.212	10.0	0.240	30.6	0.348	0.545	1.471	0.000	0.000	1.471	0.00
11/17/2024	0.378	12.2	0.192	34.0	0.178	41.7	0.157	35.9	0.117	13.30	0.168	33.2	0.261	30.6	0.335	0.527	1.450	0.000	0.000	1.450	0.00
11/18/2024	0.341	12.0	0.183	33.0	0.170	41.8	0.155	35.8	0.137	5.40	0.184	32.9	0.235	30.5	0.325	0.508	1.405	0.000	0.000	1.405	0.00
11/19/2024	0.422	12.0	0.197	8.0	0.180	6.9	0.157	29.5	0.018	5.30	0.172	32.9	0.291	30.5	0.337	0.533	1.437	0.000	0.000	1.437	0.00
11/20/2024	0.350	12.0	0.179	8.0	0.195	41.6	0.178	35.6	0.066	13.80	0.185	10.0	0.242	30.4	0.373	0.723	1.566	0.000	0.000	1.566	0.00
11/21/2024	0.326	12.2	0.171		0.127	6.8	0.110	29.4	0.084	3.60	0.169	10.2	0.225	30.6	0.237	0.237	1.042	0.000	0.000	1.042	0.36
11/22/2024	0.251	12.2	0.253	9.0	0.218	7.3	0.194	29.8	0.093	3.70	0.133	9.9	0.173	31.4	0.412	0.665	1.315	0.000	0.000	1.315	0.68
11/23/2024	0.341	12.5	0.122	31.0	0.133	7.0	0.116	29.5	0.131	3.80	0.192	32.9	0.235	30.8	0.249	0.371	1.270	0.000	0.000	1.270	0.21
11/24/2024	0.328	12.4	0.206	11.0	0.180	7.5	0.194	29.6	0.140	13.90	0.193	10.5	0.227	30.6	0.374	0.579	1.467	0.000	0.000	1.467	0.03
11/25/2024	0.545	17.5	0.124	33.0	0.115	41.9	0.119	35.8	0.081	3.80	0.088	10.6	0.377	38.4	0.234	0.358	1.449	0.000	0.000	1.449	0.00
11/26/2024	0.294	12.3	0.211	33.0	0.195	41.8	0.208	35.7	0.114	13.80	0.089	33.7	0.203	30.8	0.403	0.614	1.314	0.000	0.000	1.314	0.10
11/27/2024	0.361	12.1	0.124	8.0	0.113	7.4	0.118	28.3	0.140	13.80	0.149	11.4	0.249	30.4	0.231	0.355	1.254	0.000	0.000	1.254	0.20
11/28/2024	0.467	17.4	0.242	9.0	0.244	7.9	0.261	28.9	0.137	13.80	0.194	10.3	0.323	38.3	0.505	0.747	1.868	0.000	0.000	1.868	0.00
11/29/2024	0.334	12.3	0.168	34.0	0.129	41.8	0.144	36.0	0.130	3.70	0.194	33.7	0.230	30.9	0.273	0.441	1.329	0.000	0.000	1.329	0.80
11/30/2024	0.367	12.2	0.160	8.0	0.034	42.2	0.225	27.8	0.126	13.80	0.159	10.1	0.253	30.4	0.259	0.419	1.324	0.000	0.000	1.324	0.00
Average	0.352	13.2	0.181	18.1	0.165	20.8	0.157	32.0	0.123	8.03	0.171	20.9	0.232	32.4	0.322	0.504	1.382	0.000	0.000	1.382	0.07
Minimum	0.251	11.9	0.122	8.0	0.034	4.6	0.106	27.8	0.018	3.60	0.088	8.4	0.075	30.4	0.226	0.237	1.042	0.000	0.000	1.042	0.00
Maximum	0.545	17.5	0.253	34.0	0.244	42.2	0.261	39.6	0.189	13.90	0.216	33.7	0.377	39.3	0.505	0.747	1.868	0.000	0.000	1.868	0.80
Total	10.573		5.439		4.954		4.717		3.685		5.138		6.957		9.671	15.110	41.463	0.000	0.000	41.463	2.76

**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	41.463
% of Total Sent to NL (Wells)			
Running Total (water received 2023)	1.784		
Goal	14.850		
% of Goal	12.01		
Running Total (water sent to NL 2023)	0.000		
Goal	25.074		
% of Goal	0.00		

December 2024

East Lyme Sewer Maintenance Report for November 2024

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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
9. Monitor H2S (Point O Woods)
10. O/M Maintenance

EAST LYME  
WATER & SEWER COMMISSION

DEC 17 2024

AGENDA# 14b

# Sewer Department Monthly Report

December 17 2024

Data For the Month of: **November 2024**

**Monthly Running Avg:** 960,912 GPD  
**Daily Avg:** 786,693 GPD  
**Daily Max:** 843,000 GPD  
**Daily Min:** 658,000 GPD

**Daily Average as a Percent of Monthly Running Average:** **81.87%**

**State CT Flows:**

	DOC	Camp Nett	Rocky Neck	POW	Pine Grove	Total
<b>Actual GPD AVG.</b>	<b>120,096</b>	<b>7,211</b>	<b>0</b>	<b>9,434</b>	<b>40,000</b>	<b>176,741</b>
<b>Design GPD AVG.</b>	<b>250,000</b>	<b>58,400</b>	<b>24,600</b>	<b>105,000</b>	<b>40,000</b>	<b>478,000</b>
<b>% of Design GPD</b>	<b>48.0%</b>	<b>12.35%</b>	<b>0</b>	<b>8.98%</b>	<b>100.00%</b>	<b>36.98%</b>
<b>% of East Lyme Average Daily Flow</b>	<b>15.27%</b>	<b>0.92%</b>	<b>0.00%</b>	<b>1.20%</b>	<b>5.08%</b>	<b>22.47%</b>
<b>% of East Lyme 1.5 MGD Allotment</b>	<b>8.01%</b>	<b>0.48%</b>	<b>0.00%</b>	<b>0.63%</b>	<b>2.67%</b>	<b>11.78%</b>

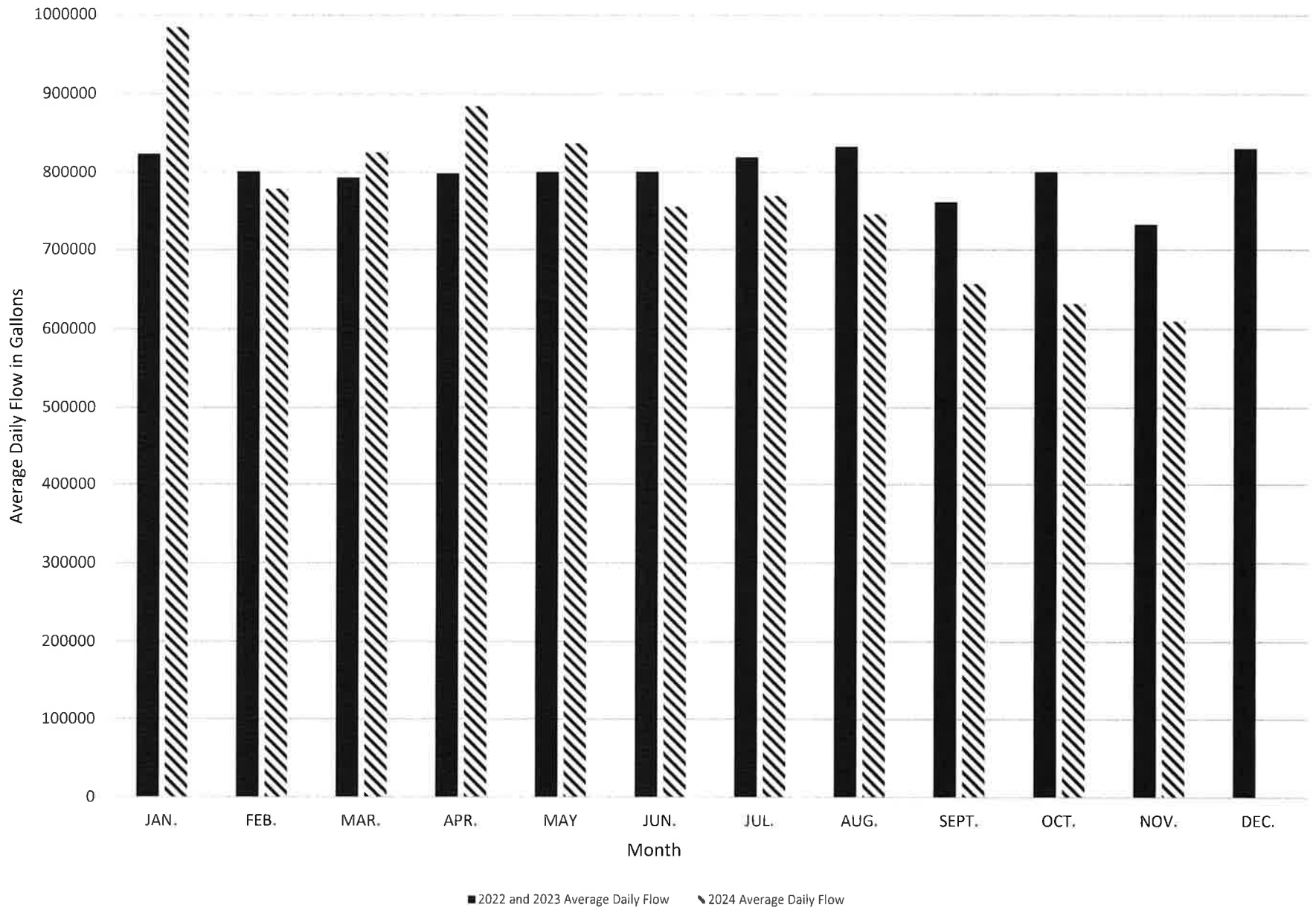
**EAST LYME SEWER FLOWS - HISTORY**

	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>% +/- Prev. Yr.</b>	<b>Precip. 2024 (in.)</b>
<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	14.45%	8.63
<b>FEB.</b>	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	997,413	912,457	-8.52%	1.98
<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	6.59%	10.34
<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	5.06%	4.75
<b>MAY</b>	913,816	777,446	872,268	746,049	947,042	900,485	951,501	922,857	1,061,763	989,756	-6.78%	6.82
<b>JUN.</b>	880,190	815,281	849,504	906,535	875,000	882,463	976,981	989,299	984,241	966,701	-1.78%	4.18
<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	-8.75%	6.75
<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	-10.19%	4.42
<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	-16.57%	1.72
<b>OCT.</b>	861,521	738,247	752,273	903,915	806,576	812,506	917,384	905,482	1,053,620	813,935	-22.75%	1.14
<b>NOV.</b>	803,842	709,481	732,848	871,111	815,129	786,482	937,414	864,223	954,365	786,693	-17.57%	2.76
<b>DEC.</b>	788,121	728,649	728,437	894,050	927,335	896,694	895,121	950,524	1,057,605			
<b>RUNNING AVERAGE</b>	894,041	785,390	807,232	873,578	904,936	857,919	954,508	949,628	1,025,704		-6.07%	4.86
											<b>Precip. Total</b>	<b>53.49</b>

**EAST LYME SEWER FLOWS - HISTORY**

	2015	2016	2017	2018	2019	2020	2021	2022	2023	AVG. Prev. Years	2024	% +/- AVG. Prev. Years	Precip. 2023 (in.)
<b>JAN.</b>	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	942,646	1,029,157	865,255	1,177,819	36.1%	8.63
<b>FEB.</b>	832,681	809,701	765,648	865,263	842,611	859,175	911,422	988,646	997,413	859,393	912,457	6.2%	1.98
<b>MAR.</b>	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	948,873	984,116	884,410	1,048,941	18.6%	10.34
<b>APR.</b>	938,861	796,611	897,161	778,780	918,456	885,983	962,591	965,456	1,015,438	892,987	1,066,788	19.5%	4.75
<b>MAY</b>	913,816	777,446	872,268	746,049	947,042	900,485	951,501	922,857	1,061,763	878,933	989,756	12.6%	6.82
<b>JUN.</b>	880,190	815,281	849,504	906,535	875,000	882,463	976,981	989,299	984,241	896,907	966,607	7.8%	4.18
<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	964,153	991,582	2.8%	6.75
<b>AUG.</b>	977,543	868,636	873,017	905,718	932,181	911,419	978,158	1,000,871	1,063,381	930,943	955,027	2.6%	4.42
<b>SEPT.</b>	878,563	762,544	769,493	875,918	833,237	823,590	1,051,008	921,227	1,020,678	864,448	851,600	-1.5%	1.72
<b>OCT.</b>	861,521	738,247	752,273	903,915	806,576	812,506	917,384	905,482	1,053,620	837,238	813,935	-2.8%	1.14
<b>NOV.</b>	803,842	709,481	732,848	871,111	815,129	786,482	937,414	864,223	954,365	815,066	786,693	-3.5%	2.76
<b>DEC.</b>	788,121	728,649	728,437	894,050	927,335	896,694	895,121	950,524	1,057,605	851,116			
<b>AVG.</b>	894,041	785,390	807,232	873,578	904,936	857,919	954,508	949,628	1,025,704	878,404	960,110	8.9%	4.86
												<b>Precip. Total</b>	<b>53.49</b>

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



# East Lyme Sewer Department

Monthly Average Day Wastewater Flows (MGD)

December 17 2024

Sewer Flows for the Month of November

		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)					
Year	Month	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			
		Average	Max	Min	0.250	0.058	0.025	0.105	0.040									
2024	January	1.178	1.748	0.977	0.120	0.013	0.000	0.020	0.040	0.193	0.285	60%	0.985	0.037	4%			
	February	0.912	1.076	0.619	0.080	0.007	0.000	0.007	0.040	0.133	0.345	72%	0.779	0.243	24%			
	March	1.049	1.430	0.844	0.157	0.009	0.000	0.017	0.040	0.223	0.255	53%	0.826	0.196	19%			
	April	1.067	1.544	0.925	0.110	0.015	0.000	0.017	0.040	0.182	0.297	62%	0.885	0.137	13%			
	May	0.990	1.285	0.565	0.073	0.015	0.000	0.024	0.040	0.152	0.327	68%	0.838	0.184	18%			
	June	0.967	1.145	0.571	0.137	0.006	0.000	0.028	0.040	0.211	0.267	56%	0.756	0.266	26%			
	July	0.992	1.247	0.725	0.141	0.019	0.000	0.022	0.040	0.222	0.256	54%	0.770	0.252	25%			
	August	0.955	1.163	0.726	0.138	0.005	0.000	0.026	0.040	0.209	0.269	56%	0.746	0.276	27%			
	September	0.852	0.956	0.758	0.129	0.007	0.000	0.019	0.040	0.195	0.283	59%	0.657	0.365	36%			
	October	0.814	0.870	0.749	0.125	0.005	0.000	0.012	0.040	0.182	0.296	62%	0.632	0.390	38%			
	November	0.787	0.843	0.658	0.120	0.007	0.000	0.009	0.040	0.177	0.301	63%	0.610	0.412	40%			
	December																	
<b>Annual Avg. (Jan - Dec)</b>		0.960	1.210	0.738	0.121	0.010	0.000	0.018	0.040	0.191	0.287	60%	0.771	0.251	25%			
<i>All figures reported in Million Gallons Daily (MGD)</i> <i>*New Main Flow Meter installed - 2/24</i> <i>**Data during March and April was estimated using Waterford PS Data</i>												<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Rolling 2 Year Average</td> <td style="text-align: center;">0.812</td> <td style="text-align: center;">0.210</td> <td style="text-align: center;">21%</td> </tr> </table>			Rolling 2 Year Average	0.812	0.210	21%
Rolling 2 Year Average	0.812	0.210	21%															