

**EAST LYME WATER AND SEWER COMMISSION
AGENDA
January 25, 2022
7:00 PM**

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

1. Call to Order / Pledge of Allegiance
2. Approval of Minutes
 - a. Regular Meeting Minutes – December 12, 2021
3. Delegations
4. Billing Adjustments/Disputes
5. Approval of Bills – Attachment B
6. Finance Director Report
7. Project Updates
 - a. Meter Replacement Project – Discussion
 - b. Update on Well 5 Rehabilitation Project
 - c. American Rescue Plan Discussion on Upcoming Projects
 - d. Discussion and Possible Action on Project to Replace Valves at Sewer Pump Stations
 - e. Discussion on Residential Grinder Pump Ownership
8. Correspondence Log
9. Chairman's Report
10. Staff Updates
 - a. Water Department Monthly Report
 - b. Sewer Department Monthly Report
11. Future Agenda Items
12. Adjournment

FILED

Jan 20, 2022 AT 1:21 AM/PM
Brenda Brown ATE
EAST LYME TOWN CLERK

JAN 25 2022

AGENDA # 2a

**EAST LYME WATER & SEWER COMMISSION
REGULAR MEETING
TUESDAY, DECEMBER 14th, 2021
MINUTES**

The East Lyme Water & Sewer Commission held a Regular Meeting on Tuesday, December 14, 2021. Chairman Seery called the Regular Meeting to order at 7:01 PM.

PRESENT: Kevin Seery Acting Chairman, Dave Bond, Steve DiGiovanna, David Jacques, Joe Mingo, Dave Murphy, Carol Russell, Roger Spencer, Dave Zoller

ALSO PRESENT: Joe Bragaw, Public Works Director
Ben North, Municipal Utility Engineer
Anna Johnson, Finance Director
Ann Santoro, Deputy First Selectman

ABSENT: No One

1. Call to Order / Pledge of Allegiance

Chairman Seery called the Regular Meeting of the East Lyme Water & Sewer Commission to order at 7:01 PM and led the assembly in the Pledge of Allegiance.

2. Approval of Minutes

▪ **Water rate Public Hearing Minutes & Sewer rate Public Hearing Minutes – November 16, 2021**
Mr. Seery called for a motion or any discussion on the Water rate Public Hearing Minutes & the Sewer rate Public Hearing Minutes of November 16, 2021

****MOTION (1)**

Mr. DiGiovanna moved to approve the Water rate Public Hearing Minutes & the Sewer rate Public Hearing Minutes of November 16, 2021 as presented.

Mr. Murphy seconded the motion.

Vote: 9 – 0 – 0. Motion passed.

▪ **Regular Meeting Minutes – November 16, 2021**

Mr. Seery called for a motion or any discussion on the Regular Meeting Minutes of November 16, 2021.

****MOTION (2)**

Mr. DiGiovanna moved to approve the Regular Meeting Minutes of November 16, 2021 as presented.

Mr. Murphy seconded the motion.

Vote: 9 – 0 – 0. Motion passed.

3. Delegations

Mr. Seery called for delegations.

There were none.

4. Billing Adjustments/Disputes

There were none.

FILED

DEC 21, 2021 AT 10:01 AM/PM

Brooke Horan ATC

EAST LYME TOWN CLERK

5. Approval of Bills

Mr. Seery called for a motion on the Well 1A/6 Treatment Project bill.

****MOTION (3)**

Mr. DiGiovanna moved to approve the following Well 1A/6 Treatment Project bill: Tighe & Bond Inv. #122190001 in the amount of \$2,994.37.

Mr. Murphy seconded the motion.

Mr. DiGiovanna asked about retention noting that it looks like it is included in there.

Mr. North said that it did look that way and that he would check it out and get back to them on it.

Vote: 8 – 0 – 1. Motion passed.

Abstained: Mr. Bond

6. Finance Director Report

Ms. Johnson reviewed her report noting that the available cash balances for both water and sewer were a bit higher than in the previous year at this time.

Mr. Mingo asked why there was \$93,000 less in water billings.

Ms. Johnson said that the prison billing has gone down which affects the water use.

7. Potential Write-Off of Old Sewer Assessments with Small Balances

Mr. Bragaw explained that they transferred the old accounts to the GEMS system. In that process they identified 105 old accounts that had minimal balances where either the customer owed us or we owed them less than \$1. The total for all of these is \$1.04 and they are proposing to write off all of these minimal balances to zero. (Copy attached)

****MOTION (4)**

Mr. Mingo moved to approve writing off the remaining balances on all of the sewer assessment accounts as identified in the document provided.

Mr. DiGiovanna seconded the motion.

Vote: 9 – 0 – 0. Motion passed.

8. Project Updates

▪ **Meter Replacement Project**

Mr. North reported that 175 more new meters have been installed and they have hired another person to help with the installations so that they will have three people working full time on the installations. There are around 1380 out of the 6286 customers who have the new meters.

Mr. Bragaw added that they are also doing the back end of scheduling. So far the customers are pretty happy. There are a lot of people involved with this project; he noted that so far they have reached out to around 30 of the 400 people recently getting the new meters to notify them of leaks. He noted that they were also finding some 'quirks' such as with meters that they never knew existed.

Mr. DiGiovanna asked how people were signing up.

Mr. North said that they sent out post cards according to the 'books' and that they have been getting calls or emails from people to sign up. So far they are a bit higher than 50% - which is a decent number. He added that they have received good compliments on the people doing the installations.

▪ **Niantic Pump Station Storm Resiliency Project – Discussion and Possible Action on Study Findings**

Mr. North said that Weston & Sampson helped them come up with an opinion on probable cost for this project under the 500 year storm event which was required by the State of Connecticut. They look at the type of damage sustained and how much to mitigate. They are looking at some \$856,526 and are requesting a grant of \$642,192 with us committed to providing a match of \$214,131.50 or 25% of the total cost. The matching funds are in cash from the Sewer Assessment Fund. He noted the commitment letter that had in their packets and the resolution.

****MOTION (5)**

Mr. Murphy moved: Resolved that Kevin A Seery, Chairman of the East Lyme Water and Sewer Commission, be and hereby is authorized to execute on behalf of the East Lyme Water and Sewer commission an application for a FEMA Hazard Mitigation Grant Assessment (HMGA) and is authorized to execute any and all documents necessary to consummate the transaction above contemplated.

Mr. DiGiovanna seconded the motion.

Mr. Murphy asked if the \$800,000 is the final number of if it would be re-reviewed.

Mr. North said that he would think that it would be looked at further for hard numbers.

Ms. Russell asked when they might expect to hear about this grant.

Mr. North said that he would expect that it would be in the spring.

Mr. Bond speculated that if they had flooding of 15 feet that the entire Town area would be gone – with that in mind he asked if there is a benefit to having the station there.

Mr. North said that there are advantages to staying ahead of this.

Mr. Seery called for a vote on the motion.

Vote: 9 – 0 – 0. Motion passed.

▪ **Update on Well 5 Rehabilitation Project**

Mr. North reported that SB Church the well driller has ordered mats and that the well drilling will probably start in the end of January. The filters should be ready in early March. They are still moving forward; the painting will require proposals.

In a sidebar, he noted that they have completed sending this year's water to New London and have also sent 1M gallons for 2022 – they are in good shape.

▪ **American Rescue Plan Discussion on Upcoming Projects**

Mr. Seery noted the list of three items recommended by staff coming to \$1,250,000.

The Commissioners engaged in a varied discussion about these items and also adding others such as the directional drilling under the Niantic River.

9. Correspondence Log

There were no comments.

10. Chairman's Report

Mr. Seery reported that they had an FOIA presentation today for employees and that they would have another one on January 11, 2021 at 6:30 PM here for Boards and Commissions. Tom Hennick would give the FOIA presentation. He asked that they plan on attending it if they could.

He also reported that departmental budget reviews would be starting in early January – he noted the stresses with fuel and the like; and the upcoming bargaining unit negotiations.

11. Staff Updates

a. Water Department Monthly Report

Mr. Murphy asked if the numbers for October and November were due to pumping heavily to New London.

Mr. North said yes.

b. Sewer Department Monthly Report

Ms. Russell said that the DOC had a significant increase – some 60,000 gallons which is a big jump. She asked if there is a reason for that.

Mr. North said that he thinks that it has something to do with how they measure the flow. He added that they are responsible for maintaining that equipment.

Mr. Jacques said that the increase on the sewer side was up by 66%; then it went back down and now they are still seeing a 34% increase. He asked if this is a trend.

Mr. North said that they had a meter failure that went on for some time; they have calibrated the meter and he said that he feels that these numbers are more accurate than those from last year.

12. Future Agenda Items

No discussion.

13. ADJOURNMENT

Mr. Seery called for a motion to adjourn.

****MOTION (6)**

Mr. DiGiovanna moved to adjourn this Regular Meeting of the East Lyme Water & Sewer Commission at 8:20 PM.

Mr. Murphy seconded the motion.

Vote: 9 – 0 – 0. Motion passed.

Respectfully submitted,

Karen Zmitruk,
Recording Secretary

TOWN OF EAST LYME SEWER DEPARTMENT

Write offs for Miniscule Sewer Assessment Balances - 12/21

No.	MSL Acct #	\$ to write off
1	21	\$ 0.45
2	113	\$ 0.04
3	540	\$ 0.09
4	570	\$ 0.32
5	830	\$ (0.20)
6	899	\$ 0.66
7	965	\$ 0.59
8	1028	\$ (0.01)
9	1087	\$ (0.12)
10	1335	\$ (0.16)
11	1365	\$ 0.32
12	1509	\$ 0.58
13	1560	\$ 0.07
14	1716	\$ (0.03)
15	2047	\$ (0.17)
16	2078	\$ 0.03
17	2084	\$ 0.01
18	2160	\$ 0.01
19	2289	\$ 0.04
20	2358	\$ (0.12)
21	2473	\$ 0.10
22	2477	\$ 0.07
23	2718	\$ 0.22
24	2766	\$ 0.18
25	2809	\$ 0.13
26	3005	\$ 0.01
27	3277	\$ (0.25)
28	3422	\$ (0.03)
29	3919	\$ (0.37)
30	3936	\$ (0.50)
31	4094	\$ (0.09)
32	4188	\$ 0.05
33	4200	\$ 0.05
34	4281	\$ 0.04
35	4578	\$ (0.34)
36	4653	\$ (0.72)
37	4712	\$ (0.17)
38	4741	\$ 0.10
39	5209	\$ 0.10
40	5228	\$ 0.06

No.	MSL Acct #	\$ to write off
41	5231	\$ 0.02
42	5436	\$ (0.01)
43	5516	\$ (0.01)
44	5599	\$ (0.17)
45	5665	\$ (0.45)
46	5840	\$ 0.09
47	5884	\$ (0.39)
48	5914	\$ 0.02
49	5974	\$ 0.01
50	6032	\$ 0.27
51	6107	\$ (0.03)
52	6255	\$ (0.01)
53	6534	\$ 0.06
54	6627	\$ 0.11
55	6783	\$ (0.69)
56	6843	\$ (0.23)
57	6869	\$ 0.12
58	7042	\$ 0.10
59	7053	\$ 0.03
60	7059	\$ 0.15
61	7228	\$ 0.10
62	7293	\$ 0.49
63	7329	\$ (0.02)
64	7787	\$ 0.07
65	7789	\$ 0.04
66	7796	\$ 0.03
67	7809	\$ 0.09
68	8029	\$ (0.01)
69	8108	\$ 0.14
70	8632	\$ (0.68)
71	8640	\$ 0.07
72	8710	\$ (0.15)
73	8717	\$ (0.05)
74	8718	\$ 0.05
75	8787	\$ 0.03
76	8819	\$ 0.01
77	8911	\$ (0.77)
78	9136	\$ (0.75)
79	9178	\$ 0.12
80	9184	\$ 0.12

No.	MSL Acct #	\$ to write off
81	9194	\$ 0.12
82	9208	\$ 0.04
83	9209	\$ 0.04
84	9324	\$ (0.02)
85	9329	\$ (0.05)
86	9340	\$ 0.01
87	9344	\$ (0.05)
88	9384	\$ 0.04
89	9389	\$ (0.05)
90	9393	\$ 0.13
91	9513	\$ 0.21
92	9521	\$ (0.05)
93	9530	\$ (0.21)
94	9533	\$ (0.38)
95	9544	\$ (0.01)
96	9559	\$ (0.03)
97	9573	\$ (0.15)
98	9580	\$ 0.28
99	9584	\$ (0.01)
100	9588	\$ (0.17)
101	9602	\$ (0.27)
102	9682	\$ (0.49)
103	9685	\$ 0.01
104	9762	\$ (0.01)
105	9864	\$ 0.58
Total to Write off		\$ 1.04

ISSUE

While going thru all the sewer assessment accounts in the old MLS system to convert them to GEMS, we identified 105 old accounts that had minimal balances (either we owed or the customer owed less than \$1). All in all the total \$1.04. We are proposing to write these all off to zero balances.

MOTION *by [unclear]*

Move to approve writing off the remaining balances on all of the sewer assessment accounts as identified in the document provided *S.H.S.*

Attachment was 12/14/21

East Lyme Water and Sewer Commission
 American Rescue Plan
 Upcoming Staff Recommended Projects for Consideration
 December 10 2021

Project	Unit Price	Estimated Cost	Priority Level	Total Costs	Description
Upgrade Niantic Sewer Pump Station		\$350,000	1	\$350,000	Replace two original motor/driveshaft pumps, remove PARCO hydraulic actuating valve system, modify piping, add VFD controls.
Recoat Boston Post Rd Water Tank		\$600,000	2	\$950,000	Sand Blast and Paint Exterior of Tank. Recommended to be performed every 20 years.
Upgrade Pattaganset Sewer Pump Station		\$300,000	3	\$1,250,000	Replace three original motor/driveshaft pumps, modify piping, add VFD controls.
Total Costs of all Projects Considered:				\$1,250,000	

EAST LYME
 WATER & SEWER COMMISSION

DEC 14 2021

AGENDA # 8d

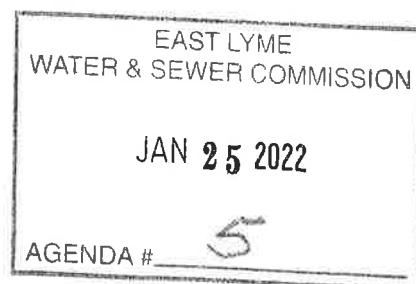
Attachment was 12/14/21

ATTACHMENT B
APPROVAL OF BILLS

EAST LYME WATER & SEWER COMMISSION

January 25, 2022

1. Well 1A/6 Treatment Project		
a. Tighe & Bond, Inv. No. 012290003	\$	31,992.80
b.	\$	
2. Meter Replacement Project		
a.	\$	
b.	\$	
c.	\$	
3. SCADA/Telemetry Improvements		
a.	\$	
4. Booster Station Upgrades		
a.	\$	
b.	\$	
5. Water Main Improvements		
a.	\$	



Tighe & Bond

Invoice:

Town of East Lyme
 Attn: Ben North
 108 Pennsylvania Avenue
 P.O. Box 519
 Niantic, CT 06357


INV. DATE : 1/17/2022
 INVOICE # **: 012290003
 PROJECT # : 140610013

ELYME-Well 1A & Well 6 - Bidding & Construction Services
 Budget: \$608,100.00
 Email Invoice to:
 bnorth@eltownhall.com

FOR PROFESSIONAL SERVICES RENDERED THROUGH 1/1/2022 AS FOLLOWS:

Services rendered this period were performed in accordance with Agreement dated April 2, 2019 and Amendment No. 1 dated September 26, 2019.

ANALYSIS OF COSTS	THIS INVOICE	CUMULATIVE	CONTRACT LIMITS
TOTAL DIRECT PERSONNEL	5,548.00	171,111.85	167,158.00
OVERHEAD % 176.09	9,769.47	301,310.87	294,347.00
OTHER DIRECT CHARGES	14,480.59	63,294.73	74,220.00
TOTAL COSTS	29,798.06	535,717.45	535,725.00
FIXED FEE	2,194.74	72,375.00	72,375.00
SUBTOTAL THIS INVOICE	31,992.80	608,092.45	608,100.00
AMOUNT DUE THIS INVOICE	31,992.80		

RECOMMENDED FOR PAYMENT 
 DIRECTOR PUBLIC WORKS Util. Eng.
 APPROVED FOR PAYMENT _____
 CHAIRMAN
 EAST LYME WATER & SEWER COMMISSION

OH \$5,548.00 x 1.7609 = \$9,769.47 ✓
 ODC \$3,350.59 + \$11,000 + \$130 = \$14,480.59 ✓
 FF \$14,480.59 x 0.05 = \$724.03
 (\$5,548 + \$9,769.47) x 0.15 = \$2,297.62
 \$2,297.62 + \$724.03 = \$3,021.65

Fixed Fee reduced from \$3,021.65 to \$2,194.74 as Tighe and Bond had reached the billing limit of \$72,375. per the terms of our contract.

Invoices are due and payable within 30 days of receipt unless otherwise stated in our Agreement.

ACH / Wire Transfers: TD Bank
 Routing#: 211370545
 Account #: 49919061
 E-mail: AR@TigheBond.com

Previous Outstanding Invoices	Days				
Total	1-30	31-60	61-90	>90	
\$2,984.37	\$0.00	\$2,984.37	\$0.00	\$0.00	

Town of East Lyme
Attn: Ben North
108 Pennsylvania Avenue
P.O. Box 519
Niantic, CT 06357

INV. DATE : 01/17/2022
INVOICE # : 012290003
PROJECT# : 140610013

PROFESSIONAL PERSONNEL AND EXPENSE DETAIL

Post Construction

DIRECT LABOR CHARGES

	HOURS	AMOUNT
Senior Project Manager	47.75	3,475.75
Staff Engineer 2	59.25	2,072.25
	-----	-----
	107.00	5,548.00

EXPENSE CHARGES

	AMOUNT
Reproduction - Outside Printing	3,350.59
Other Consultants	11,130.00

	14,480.59

Total Post Construction	20,028.59
** Total Project 14-06100-13	<u>20,028.59</u>

Advanced Reprographics

50 Corporate Avenue Plainville, CT 06062

email: office@AdvancedRepro.net

phone: (860) 410-1020

Date	Invoice #
1/14/2022	16302

Bill To:

Tighe & Bond
Accounts Payable
53 Southampton Road
Westfield, MA 01085

Ship To:

Tighe & Bond
Alan Wells
213 Court Street, Suite 1100
Middletown, CT 06457

Project	Project #	P.O. #	Ship Date	Ship Via
East Lyme Well 1A & 6	140610013		1/14/2022	Our Delivery
Item	Description	Qty	Rate	Amount
Reproduction Services	Bidding & Construction Services	1	3,350.59	3,350.59

Terms
Net 30

Subtotal \$3,350.59

Sales Tax (0.0%) \$0.00

Total \$3,350.59

www.AdvancedRepro.net



Diversified Technology Consultants, Inc.
 505 S. Orange Ave.
 Sarasota, FL 34236
 1 (941) 554-2035
 teamdte.com

INVOICE

Invoice Date: 1/5/22
 Due Date: 2/4/22
 Total Amount: \$11,000.00
 Number: 22-02284
 Invoice Period: 12/01/21 - 12/31/21
 PO Number:
 Project Code: 19154.000
 Project: Town of East Lyme- Bidding&CA

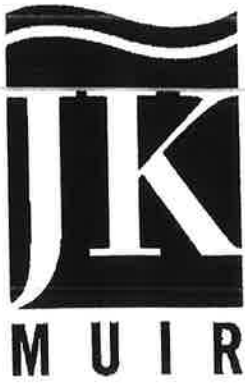
Tighe & Bond
 Alan Wells
 213 Court Street
 Suite 1100
 Middletown, CT 06457

INVOICE SUMMARY

Description	Fee Budget	Total Billed		Prior Billing (\$)	This Invoice (\$)
		% Billed	\$ Billed		
Professional Services	\$11,000.00	100.00%	\$11,000.00	--	\$11,000.00
	--		--	--	--
BUDGET TOTALS	\$11,000.00		\$11,000.00	--	\$11,000.00
TOTAL AMOUNT DUE					\$11,000.00

Grant Number DWS#20150114

Diversified Technology Consultants (DTC)
 2321 Whitney Avenue Suite 301
 Hamden, CT 06518



From **JKMuir, LLC**
Please Note our New Address Below:

2275 Silas Deane Highway
Suite 9
Rocky Hill, CT 06067
860.249.0989

Invoice ID **2660**
Issue Date 01/06/2022
Due Date 02/05/2022 (Net 30)
Subject East Lyme Well 1A Upgrades O&M Manual

Invoice For **Tighe & Bond**
53 Southampton Road
Westfield, MA 01085

Item Type	Description	Quantity	Unit Price	Amount
Service	[3127] E-CT - East Lyme Well 1A Upgrades O&M Manual: Megan Coleman (12/01/2021 - 12/31/2021)	1.25	\$104.00	\$130.00

Amount Due \$130.00

Memo

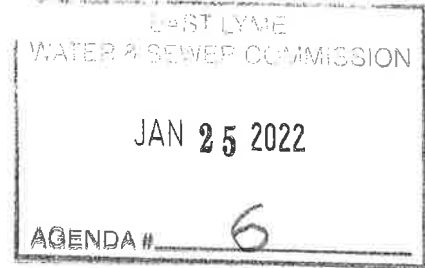
To: Kevin A. Seery, First Selectman
Water & Sewer Commission
Benjamin M. North, Utility Engineer
Joe Bragaw, Public Works Director

From: Anna M. Johnson, Finance Director

Date: January 20, 2022

Re: Month End Reports – December 31, 2021

amj



Water

The available cash balance in Water Operations at month end December 31, 2021 was \$2,392,751 compared to \$2,086,708 in 2020. \$273,564 of the cash on hand is due to Sewer Operations. Additional cash on deposit for meter deposits for 2021 is 189,640 compared to \$337,693 in 2020.

During the month of December, we received \$32,126 in revenues for a total fiscal year to date of \$1,775,639 or 48.69% of the budgeted amount compared to \$43,814 and \$1,883,184 or 53.69% for fiscal year ended June 30, 2021. In December we billed \$24,724 for Prison use compared to \$27,278 in December 2020.

Total water operating expenditures for the month of December were \$277,208 of the amount budgeted compared to \$141,522 for fiscal year ended June 30, 2021. The percent of budget expended is 46% compared to 46% for 2020. During the month of December we paid \$12,991 for Meter Replacement Financing, \$47,984 for two months electricity, \$22,020 for chemicals, \$11,826 for maintenance of transmission and distribution and \$17,690 for the annual required contribution for the defined benefit pension plan.

Sewer

The available cash balance in Sewer Operations at month end December 31, 2021 was \$435,644 compared to \$425,992 in December 2020. Please note, that Water Operations owed Sewer Operations \$273,564 at month end. During the month of December, we received \$44,306 in revenues for a total fiscal year to date of \$1,195,105 or 52.84% of the budgeted amount compared to \$34,428 and \$1,175,767 or 54.24% for fiscal year ended June 30, 2021. In December we billed \$41,301 for Prison use compared to \$31,553 in December 2020.

Total sewer operating expenditures for the month of December were \$495,356 of the amount budgeted compared to \$167,468 for fiscal year ended June 30, 2021. The percent of budget expended is 54% compared to 57% for 2020. During the month of December we paid the annual required pension contribution for \$10,390, \$369,742 in treatment fees to New London, \$14,258 for utilities and \$12,365 for chemicals.

Sewer Assessment

The available cash balance in Sewer Assessment Fund at month end December 31, 2021 was \$3,045,787 compared to \$2,358,728 in December 2020. During the month, we received \$34,953 in assessment principal and interest. No disbursements were made.

Town of East Lyme
Water & Sewer Operations
December 2021 Budget Highlights

Description	12/31/2021	12/31/2020	Increase (Decrease)
WATER			
Total Revenues	1,775,639	1,883,184	(107,544)
Prison Billing (month only)	24,724	27,278	(2,553)
Delinquent Interest	4,959	4,579	381
Benefit Charges	14,450	34,850	(20,400)
Connection Charges	18,500	8,000	10,500
Misc/Turn On-Off Fees	6,667	6,702	(35)
Lease Rental	19,873	37,950	(18,077)
 Total Expenditures	 1,379,618	 1,268,075	 111,542
SEWER			
Total Revenues	1,195,105	1,175,767	19,339
Prison Billing (month only)	41,301	31,553	9,749
 Total Expenditures	 972,841	 933,712	 39,129
Treatment Plant/System	412,568	401,146	11,422
Utilities	74,785	62,182	12,603
Chemicals	48,435	50,994	(2,559)

**East Lyme Water and Sewer Commission
American Rescue Plan
Upcoming Staff Recommended Projects for Consideration
January 25 2021**

Project	Priority Level	Dec 2021 Estimated Cost	Updated Cost Estimate	Description of Work to be Performed
Upgrade Niantic Sewer Pump Station	1	\$350,000	\$600,000	Replace two original motor/driveshaft pumps, remove PARCO hydraulic actuating valve system, modify piping, add VFD controls.
Recoat Boston Post Rd Water Tank	2	\$600,000	\$750,000	Sand blast and paint exterior of tank. Additional Costs: Interior spot coat and cathodic protection for \$150k or an additional \$550k for total interior recoat. Interior spot coat reflected in price increase.
Upgrade Pattaganset Sewer Pump Station	3	\$300,000	\$450,000	Replace three original motor/driveshaft pumps, modify piping, add VFD controls.
Total Costs of all Projects Considered:			\$1,800,000	

Note: ARPA funding already allocated - \$920,000 for a new well and filter rehabilitation work at Well 5 WTP

EAST LYME
WATER & SEWER COMMISSION

JAN 25 2022

AGENDA # 7.C

DeZurik 4" 3-Way Valve Replacement

Stations

- 1) East Shore Dr S/N 91-3544-LP
- 2) Black Point RD S/N 91-3543-LP
- 3) South Trail S/N 913545- LP
- 4) McCook's S/N 91-3515-LP
- 5) Marshfield Rd S/N 92-3630- LP
- 6) Woodbridge Rd S/N 92-3651 LP
- 7) Point RD
- 8) Attawan RD

EAST LYME WATER & SEWER COMMISSION
JAN 25 2022
AGENDA # <u>7d</u>

DeZURIK Quotation



To: East Lyme Water & Sewer - Ben North
USA
Invoice Terms: Net 30 Days
Days Valid: 30
Shipping Point: F.O.B. Factory - Sartell, MN *Freight Allowed*
Delivery Notes:

Date of Quote: 01-21-2022
Quote Number: 256090
Project Name: Replacement 3-way Valves
I.D. (Rep. Use): DZ22-1009
Line of Business: 4952 - Municipal Sewage Treatment
Make Order To: DeZURIK, Inc.
C/O Atlantic Fluid Technology
Riccardo Ricci
354 West Boylston Street
West Boylston, MA 01583
USA
Phone 508-755-0440
Fax 800-672-6960
Email rick@aftinc.com

Currency and Values expressed in USD (\$)

ANY PURCHASE ORDER ISSUED AS A RESULT OF THIS QUOTATION IS SUBJECT TO ALL OF THE MANUFACTURER'S CONDITIONS SET FORTH IN THIS DOCUMENT HEREOF, REASONABLE CONTRACT LANGUAGE NEGOTIATIONS AND FINAL ACCEPTANCE BY DEZURIK AT SARTELL, MN USA.

UNLESS OTHERWISE NOTED, QUOTATIONS ARE VALID FOR 30 DAYS. UNTIL ACCEPTANCE OF ORDER, QUOTED PRICES AND DELIVERY ARE SUBJECT TO CHANGE. UNLESS OTHERWISE NOTED, PRICES ARE FIRM FOR SHIPMENT OF GOODS WITHIN 12 MONTHS FROM THE RELEVANT QUOTATION DATE. OUR PRICES ARE BASED ON CURRENT PRICES FOR MATERIAL. IF A SIGNIFICANT MATERIAL PRICE INCREASE OCCURS BETWEEN ORDER ACCEPTANCE AND SHIPMENT DATE, GOODS SCHEDULED TO SHIP BEYOND 12 MONTHS OF THE QUOTATION DATE ARE SUBJECT TO A PRICE ADJUSTMENT BY THE AMOUNT NECESSARY TO COVER SUCH AN INCREASE.

Line #	Cust. Line # Tag #	Qty	Order Code	Unit Price	Total Price
1		8	PTW,4,F1,CI,6,S-0-CR,S30SC0*LV PTW: Style - Three Way Tapered Plug Valve 4: Size - 4 Inch (100mm) F1: End Connection - Flanged Drilling; ASME Class 125/150 CI: Body Material - Cast Iron 6: Packing - Acrylonitrile-Butadiene Reinforced, Multiple V-Ring with External Adjustment, -20° to 250° F. (-29° to 121° C.) S: Plug Type - Single Style 0: Combination No - Combination 0 CR: Plug Facing - Chloroprene; -20° to 180° F. (-29° to 83° C.) Coating or Paint: S30SC0 - 8 mils minimum (non-stainless steel parts) of Blue DeZURIK Epoxy (NSF Std. 61) on Interior and Standard (SP10) surface prep AND Blue DeZURIK Epoxy (NSF Std. 61), and on Exterior with Standard (SP10) surface prep LV: Actuator Type - Valve for Lever Actuation; order removable lever separately	\$3,128.00	\$25,024.00
Total					\$25,024.00

Comments

*Replacement for existing DeZURIK P/N 9010911 but with 8mils epoxy on interior and exterior surfaces.

NOTICE OF MEETING

REPRESENTATIVE ADVISORY BOARD OF THE SOUTHEASTERN CONNECTICUT WATER AUTHORITY

JANUARY 20, 2022 AT 7:00 PM
LOCATION: Virtual Meeting via Zoom

To: Members of the Representative Advisory Board and Authority
cc: Area Municipal Clerk Offices

A joint meeting of the Representative Advisory Board and the Authority will be held on Thursday, January 20, 2022 at 7:00 P.M. Due to the ongoing COVID-19 pandemic this meeting will be held remotely via online access or teleconference.

PROPOSED AGENDA

1. Call To Order and Roll Call
2. Public Comment Period*
3. Approval of the Prior Meeting Minutes - Vote Required
4. Finance Committee Report - FY2021 Annual Audit
5. Report by the Authority Chairman
6. Report by the Chairman of the Representative Advisory Board
7. Report by the Nominations Committee
8. Report by the Authority Appointments Committee
9. Representative Advisory Board Member Reports
10. New Business
11. Adjourn

This will be a Remote Meeting, Only Accessible Online or By Phone

Join Zoom Meeting Online: <https://zoom.us/j/9266674035>,
or join by phone: (646) 558-8656, Meeting ID: 926 667 4035

*Public comments limited to maximum of five (5) minutes, per speaker

**Southeastern Connecticut Water Authority
Chairman's Report to the Representative Advisory Board**

January 20, 2022

I. Operational Activities

A. Seven Oaks/Montville Interconnection Project

Last year SCWA began the planning and engineering of a project to complete the interconnection between Seven Oaks and Montville divisions. The first phase of the interconnection was completed in 2007. Completion of this interconnection will greatly relieve pressure on the Montville system, and reduce maintenance costs. Last April SCWA reached out to the current owners of the parcel between the end of the Montville water main extension and the existing Seven Oaks distribution system requesting consideration of an easement across their parcel. The attorney for the owners responded by asking for time to develop concept drawings for a proposed housing development.

In their response, received in November, the owners stated they were willing to grant an easement for a water main that follows the street plan for their future proposed development. Their proposed route is about 1900 feet longer than the SCWA proposed route. The SCWA route follows a more direct route to interconnect with the water main completed in 2007. In December, General Manager Cansler sent a letter to the parcel owners stating that their proposed longer route will result in a significant project cost increase, and that there are other routes available that do not cross their property, and may be more economically feasible.

B. Spicer Hill Booster Station- Ledyard

At the September meeting the Authority approved a proposal from Lenard Engineering to complete the engineering, design, and specifications for replacement of the hydropneumatic tank at the Spicer Hill Booster Station, which is part of the Ledyard Division. This project includes replacement of the existing pressure tank with a small booster pump package, installation of new piping to reroute distribution through the new pumps, and the elimination of the pressure tank from the system. SCWA expects the engineering, plans, and specifications to be completed by early 2022.

C. Tower Division Upgrades

Over the past year SCWA crews installed new valves and a backup water main leading from the Tower Division pump stations to the main distribution located on East Drive in Gales Ferry. The second phase of this project will be replacement of the original water mains. In addition, SCWA also installed a new perimeter fence and three new gates around the Tower pump station, and a cellular monitoring system which enhances the ability for field staff to react to changes in the system, such as power outages, low water pressure, and fluctuations to the chemical feed systems.

D. Robin Division Water - Montville

Over the past few years SCWA has received some calls regarding discoloration, and occasional sediment in the water, from residents of Robin Division. SCWA contracted with Lenard Engineering to conduct a manganese treatment study, and chemical feed modification design for this pump station. After reviewing the design and cost estimate for the proposed phosphate injection system SCWA decided to first try modifying the pump systems at Robin Division to flush out the initial influx of water from the wells prior to inflow to the systems tanks. An analysis of the water coming from the wells indicated the water cleared soon after the wells began pumping. If this doesn't work then SCWA will submit a request to DPH for approval of a change to the treatment process.

II. Administrative Activities

A. Proposal from Regional Water Authority (RWA) to partner in Pipesafe Program

In October 2021 the Authority received a letter from Larry Bingaman, President and Chief Executive Officer of the South Central Regional Connecticut Water Authority (RWA), proposing a partnership with SCWA in their service line protection program, which is called PipeSafe. Similar to homeowners' insurance policies, customers who enroll in the program pay a small monthly fee in exchange for free repair or replacement of their service line if it leaks or fails. These repairs generally cost \$2,000-\$4,000 and can often result in a customer having no water until the repair is completed. The PipeSafe program, operated RWA, also includes sewer line, septic, or indoor service line protection options. The proposed partnership would allow RWA to enroll SCWA customers in their PipeSafe program. In exchange SCWA would receive a percentage of the monthly fees charged our customers.

After an initial meeting with Chairman Monahan and General Manager Cansler in November, Mr. Bingaman and Dennis Donovan, Director of Business Development for RWA, gave a presentation on their proposal to the Authority at our December meeting. After the presentation the Authority agreed to move forward with the initial draft of an agreement between the two utilities regarding a partnership in the PipeSafe program. The Authority discussed the draft agreement at the January meeting, and voted to forward the agreement to SCWA Legal Counsel for review.

B. Claim by Raspberry Junction Holding, LLC vs SCWA

In 2016, Raspberry Junction LLC, owners of the Bellissimo Grande Hotel in North Stonington, filed a legal claim against SCWA for losses incurred during the water outage that resulted from the rupture of a pressure tank in 2015. This claim was forwarded to our insurance company at the time, Gladfelter Insurance. After five years of winding all the way to the Connecticut Supreme Court a decision was finally rendered on August 23, 2021, affirming the trial court's granting of their motion for summary judgment in favor of SCWA. Because the Plaintiff did not file an appeal of this decision to the U.S. Court of Appeals within 90 days, this matter is finally resolved.

III. Planning Activities

A. Green Village – Salem

In November 2020 SCWA signed an agreement to take over as the owner/operator of the pumphouse and water distribution system at the new Green Village development in Salem once it is completed. Green Village will be a 55 and over community with 48 townhouse units, each unit with individual meters. This complex is nearing completion and the developer, Colchester Construction, plans to start leasing units in early 2022. The developer has also approached SCWA about the possibility of taking over an almost identical development which opened in East Haddam in 2020. After legal review the Authority authorized the General Manager in November to move forward with the process of acquiring the water system at Green Village I in East Haddam.

B. Construction of Millwood Subdivision (part of Hillcrest Division) in Montville

Sun Communities, Inc. is continuing construction of the new Millwood development, adjacent to their Hillcrest subdivision in Montville. The roads and infrastructure were completed in 2019 before Jensen Communities was sold to Sun Communities. The proposed Millwood development will have 46 modular homes for people aged 55+, and will tie into the existing Hillcrest water distribution system. The first five homes were sold last fall, and several more homes are nearing completion.

C. PFAS (Per- and Polyfluoroalkyl Substances)

SCWA continues to monitor new guidelines and regulations pertaining to PFAS (Per- and Polyfluoroalkyl Substances). The 2022 and 2023 Connecticut State Budgets included funding for additional staffing for toxicological expertise, permitting of more Connecticut laboratories to do PFAS testing, support testing of public water systems, and a PFAS education program. In September the EPA released their "Strategic Roadmap to confront PFAS contamination nationwide". This roadmap established a list of goals and milestones for the EPA moving forward.

D. Regional Considerations

1) Water Utility Coordinating Committee (WUCC): The Eastern Connecticut Water Utility Coordinating Committee (WUCC) last met in May 2020. The last Statewide WUCC meeting was held virtually in November and the next statewide meeting is scheduled for February 2022. Currently the Statewide WUCC is trying to address several topics involving interconnections/regionalization, non-community water systems design requirements, conservation/drought, and the process requiring non-community systems to connect to existing community water systems.

2) SCWA Interaction with Southeastern Connecticut Council of Governments (SCCOG): SCWA and the SCCOG continue to interact cooperatively. To this end, Chairman Monahan frequently attends the SCCOG Regional Water Committee meetings. The General Manager participates on the SCCOG Regional Water Committee's Technical Advisory Subcommittee (TAS).

3) SCWA Interaction with the WPC and CWWA: The General Manager is a member of the CT Water Planning Council Advisory Group (WPCAG), which meets monthly. His term as co-chair of the WPCAG ended January 1, 2022. He also represents SCWA as a member of the Connecticut Water Works Association (CWWA) Legislative Affairs Committee.

IV. Personal Comment of the SCWA Chair

I would like to join the members of the SCWA Representative Advisory Board in remembering, and honoring, two members of the SCWA community, Dennison Allen and Peter Balestracci, who have recently passed, and who have both made contributions, over extended periods of time, to our collaborative efforts.

Edward C. Monahan, Chairman
Southeastern Connecticut Water Authority

WATERFORD UTILITY COMMISSION

REGULAR MEETING MINUTES

DATE: January 18, 2022
PLACE: 1000 Hartford Turnpike
PRESIDING: Chairman Ken Kirkman
MEMBERS PRESENT: Rodney Pinkham, Steve Negri, and Ray Valentini
ALSO PRESENT: Attorney Nick Kepple, Town Attorney
Staff: Neftali Soto-Chief Engineer and Jim Bartelli, Assistant Director

Chairman Kirkman called the meeting to order at 6:05 PM

CITIZEN SESSION

None

SECRETARY'S REPORT

MOTION Made by Mr. Negri to approve the Minutes of the Dec 14, 2021 meeting, Mr. Valentini seconded.

VOTE The motion passed.

BILLING ADJUSTMENTS

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

EXPENDITURES

MOTION made by Mr. Pinkham to approve January 2022 bill list, Mr. Valentini seconded.

VOTE The motion passed unanimously.

OLD BUSINESS – REPORTS & UPDATES

- FINANCIALS – WW FUND REVENUES/EXPENDITURES REPORT
The financials were reviewed.
- MUNICIPAL COMPLEX REHAB – STATUS UPDATE
Committee is working on the completion and installation of sign that will go on the roadside.

- **COLLECTIONS-UPDATE**
Attorney Kepple reported that collections are doing well and received more files from our office.
- **TWO TOWN AGREEMENT**
Mr. Soto reported that they are still waiting to set up a meeting with East Lyme to tidy up some loose ends in the new agreement.
- **American Rescue Plan**
Mr. Soto gave an update on where the department was in the different projects using the American Rescue Funds.
Fargo Water Tank-Mr. Soto and Mr. Bartelli are trying to hold a meeting with the tenants of the tank in order to make other arrangements for their equipment for when the tank goes under rehab.
Old Norwich Pump Station-Wright Pierce is helping with the plans for this rehab.
Upgrade Control Panels-U.S. Automation is starting to order the supplies for this project.

UNFINISHED BUSINESS –

NEW BUSINESS

WATER-VEOLIA REPORT

Mr. Soto will e-mail new report when received.

PLANS REVIEW

No plans to review

PERSONNEL

There is a full staff and no issues to report.

OTHER

Mr. Bartelli reported that there were two backups and WUC corrected them.

ADJOURNMENT

With no further business before the Commission, the meeting adjourned at 6:52 p.m.

MOTION made by Mr. Pinkham to adjourn. Mr. Negri seconded.

VOTE The motion passed unanimously.

Respectfully submitted,
Amy L. Windle
Recording Secretary



WALLER
SMITH &
PALMER^{PC}
Attorneys at Law

EDWARD B. CONNELL
TRACY M. GOLLINS*
PHILIP M. JOHNSTONE*
CHARLES C. ANDERSON
KERIN M. WOODS*
ELLEN C. BROWN*
MARK S. ZAMARKA
CATHERINE A. MARRION
TIMOTHY D. BLEASDALE
RACHAEL M. GAUDIC*

BY EMAIL ONLY

January 4, 2022

Timothy S. Hollister, Esq.
Hinckley Allen
20 Church Street
Hartford, CT 06103-1221
Email: thollister@hinckleyallen.com

OF COUNSEL
ROBERT W. MARRION
ROBERT P. ANDERSON JR.
FREDERICK B. GAHANAN

* ALSO ADMITTED IN RI
* ALSO ADMITTED IN MA

Re: Your letter of December 21, 2021

Dear Attorney Hollister:

This is in response to your letter of December 21, 2021, wherein you requested that the East Lyme Water and Sewer Commission ("Commission") review attachments that purportedly show a revised layout of the buildings proposed by Landmark in Oswegatchie Hills affordable housing application.¹

Landmark has no application currently before the Commission. In December 2018 Judge Cohn ordered the Commission to allocate 118,000 gallons per day of capacity to Landmark, subject to the Commission coming up with another metric if it still felt that amount was too high. On December 11, 2018, the Commission chose not to exercise that discretion or otherwise appeal, and instead unconditionally granted Landmark the entire 118,000 gpd in capacity. On March 19, 2019, you filed a Joint Status Report to that effect, and that same day the Court entered a notice of final disposition. That matter is now over.

Since then, the Commission has protected Landmark's allocation, ensuring that it will not be affected by subsequent allocations. Beyond that, unless and until Landmark submits another application, the Commission has no present authority or jurisdiction over Landmark's proposed development.


You now request that the Commission review a modified layout and to let Landmark know if it has any objections to the sewer allocation being used for that

¹ You also state that Judge Berger noted "problems" with §32 of the East Lyme Zoning Regulations, the town's affordable housing regulation. While Judge Berger took issue with the Preliminary Site Plan provisions, he upheld the Final Site Plan provisions, and that the conditions requiring Landmark to submit certain information are appropriate when considering a Final Site Plan. He clearly contemplates that further submissions will be done pursuant to §32 – "In conformance with §32.9.3, the process moves to a final site plan." Decision p.13.

layout. However, as noted above Landmark has no application or other matter currently before the Commission, and the sewer allocation matter is over.

Moreover, you correctly note that a municipal Water Pollution Control Authority ("WPCA"), such as the Commission, has no jurisdiction to practice land use law. Having pointed out that the Commission cannot engage in land use law, you now inexplicably ask the Commission to do just that. The Commission did not practice land use in its consideration of Landmark's 2012 sewer capacity application and has no intention of doing so now. The Commission has no statutory authority to review or pass judgment on a site plan or proposed layout of buildings and will not go beyond its purview.

Your letter will be placed on the upcoming agenda under the heading "Correspondence" that has been directed to the Commission.

Very truly yours,

Mark S. Zamarka, of
Waller, Smith & Palmer, P.C.

Cc: Chair, Water and Sewer Commission



20 Church Street
Hartford, CT 06103-1221
p: 860-725-6200 f: 860-278-3802
hinckleyallen.com

Timothy S. Hollister
(860) 331-2823 (Direct)
(860) 558-1512 (Cell)
thollister@hinckleyallen.com

VIA PDF ONLY

December 21, 2021

Mark S. Zamarka, Esq.
Waller Smith & Palmer, P.C.
52 Eugene O'Neill Drive
New London, CT 06320

Dear Attorney Zamarka:

Landmark Development is responding to Judge Berger's most recent decision by modifying the 840 unit layout that has been the subject of the 2015 zoning application and the subsequent appeal; and by preparing a final site plan, including engineering detail as necessary to demonstrate that the plan will not create any substantial health or safety impact as would justify a denial under General Statutes Section 8-30g. Attached are a copy of the prior 840 unit plan and the modified layout that Landmark is now pursuing.

The modified layout keeps all residential buildings and parking areas in the same general location on the property as the previous plan, including outside of the coastal resource area (as before, the only activity in the coastal area is the driveway, which is exempt from coastal regulation). The driveway location is unchanged from the prior plan. The modified plan keeps all buildings out of wetlands. In addition we have not put any building in the northwest corner of the site, which as you will remember was a contested area in the 2015 application. Nevertheless, to avoid a dispute, we have avoided that area, pending further wetlands investigation.

This modified application will be pursued under, and in compliance with, Judge Berger's recent ruling and under § 8-30g and its review standards, and not under the Town's AHD regulation, Section 32, in light of the problems with that regulation discussed by the Court in its most recent decision.

As to sewer, this modified layout utilizes the capacity of 118,000 gallons per day granted by the Water and Sewer Authority in December 2018. Just as shown on the site plan in the record of the sewer case before Judge Cohn and the Appellate Court, the to-be-developed area is

Mark S. Zamarka, Esq.
December 21, 2021
Page 2

located both inside and outside the mapped sewer shed area. We also note that on the plan reviewed by Judge Frazzini in 2011, units were located inside and outside the mapped sewer shed area. In addition, Judge Cohn's December 2018 order did not limit or restrict where on the subject property the sewer capacity allocated to Landmark can be used. In addition, as we know from case law, sewer commissions may not use sewer capacity allocations to control zoning or land use, which is the exclusive purview of zoning commissions.

Before Landmark proceeds to the site plan, we ask that your office review this modified layout with the Water and Sewer Authority no later than its January 25, 2022 meeting, and let us know if the WSA has any objection to the granted sewer capacity being used for this modified layout of the buildings. (There being no basis for an executive session, we will expect this item to be discussed in public session.)

Thank you for your attention to this request.

Very truly yours,

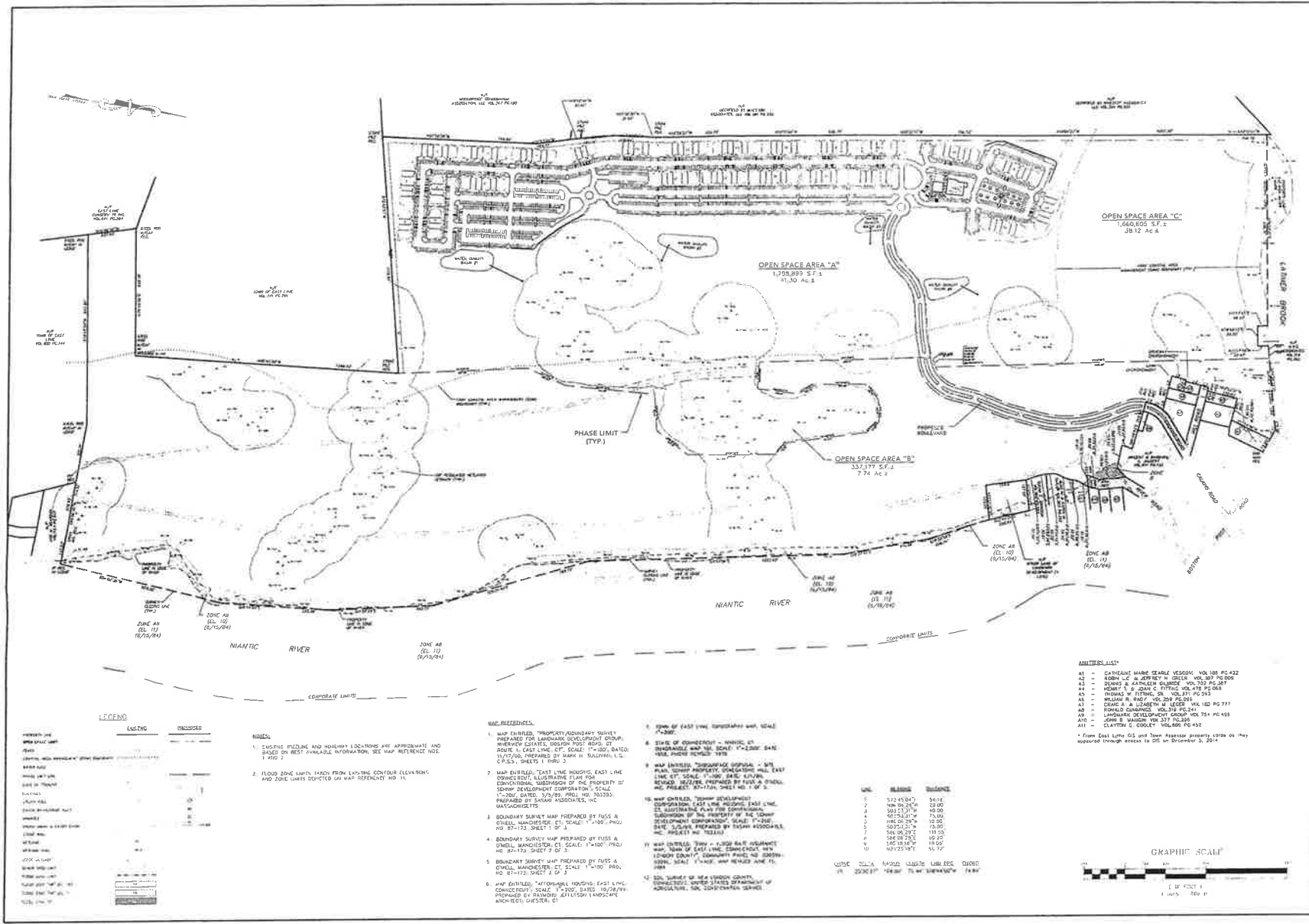


Timothy S. Hollister

TSH:kcs

Encl.

cc: Glenn Russo



LEGEND

SYMBOL	DESCRIPTION
(Symbol)	PROPERTY LINE
(Symbol)	EXISTING ROAD
(Symbol)	PROPOSED ROAD
(Symbol)	EXISTING DRIVE
(Symbol)	PROPOSED DRIVE
(Symbol)	EXISTING SIDEWALK
(Symbol)	PROPOSED SIDEWALK
(Symbol)	EXISTING CURB
(Symbol)	PROPOSED CURB
(Symbol)	EXISTING UTILITY
(Symbol)	PROPOSED UTILITY
(Symbol)	EXISTING FENCE
(Symbol)	PROPOSED FENCE
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(Symbol)	EXISTING FLOOD ZONE
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(Symbol)	PROPOSED PHASE LIMIT
(Symbol)	EXISTING CORP. LIMIT
(Symbol)	PROPOSED CORP. LIMIT

NOTES

- EXISTING PAVING AND HIGHWAY LOCATIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. SEE MAP REFERENCE NOS. 1-200-2.
- FLOOD ZONE LIMITS TAKEN FROM EXISTING CONTOUR ELEVATIONS AND ZONE LIMITS DEPICTED ON MAP REFERENCE NO. 11.

MAP REFERENCES

- MAP ENTITLED "PROPERTY BOUNDARY SURVEY PREPARED FOR LANDMARK DEVELOPMENT GROUP, WHEREBY ESTATE, DESIGN POINT ROAD, CT, BOUNDARY SURVEY, SCALE 1"=100, DATED 11/27/00, PREPARED BY MARK H. SULLIVAN, L.C. C.E.S.S., SHEET 1 OF 2.
- MAP ENTITLED "EAST LINE HOUSING, EAST LINE CONCEPT, ALTERNATIVE PLAN FOR CONDOMINIUM SUBDIVISION OF THE PROPERTY OF CONCEPT DEVELOPMENT CORPORATION, SCALE 1"=200, DATED 2/2/00, PROJ. NO. 300333, PREPARED BY SHORR ASSOCIATES, INC. MATSUGAGETSU.
- BOUNDARY SURVEY MAP PREPARED BY FUS & SINGH, MANCHESTER, CT, SCALE 1"=100, PROJ. NO. 07-173, SHEET 1 OF 3.
- BOUNDARY SURVEY MAP PREPARED BY FUS & SINGH, MANCHESTER, CT, SCALE 1"=100, PROJ. NO. 07-173, SHEET 2 OF 3.
- BOUNDARY SURVEY MAP PREPARED BY FUS & SINGH, MANCHESTER, CT, SCALE 1"=100, PROJ. NO. 07-173, SHEET 3 OF 3.
- MAP ENTITLED "APPROXIMATE HOUSING, EAST LINE, CONCEPT PLAN, SCALE 1"=200, DATED 10/28/99, PREPARED BY RAYMOND A. LITTLE, LANDSCAPE ARCHITECT, GUNSTER, CT.

EXISTING CONDITIONS

- EXISTING EAST LINE CONCEPT PLAN, SCALE 1"=200, DATED 10/28/99, PREPARED BY RAYMOND A. LITTLE, LANDSCAPE ARCHITECT, GUNSTER, CT.
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PROPOSED CONDITIONS

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ADJACENT LOTS

- A1 - CATHERINE MARIE STEARLE VESGONO VOL 189 PG 422
- A2 - DENNIS E. KATHLEEN B. GILIA VOL 307 PG 009
- A3 - DENNIS E. KATHLEEN B. GILIA VOL 323 PG 007
- A4 - DENNIS E. KATHLEEN B. GILIA VOL 319 PG 009
- A5 - DENNIS E. KATHLEEN B. GILIA VOL 331 PG 005
- A6 - DENNIS E. KATHLEEN B. GILIA VOL 325 PG 005
- A7 - DENNIS E. KATHLEEN B. GILIA VOL 327 PG 007
- A8 - DENNIS E. KATHLEEN B. GILIA VOL 329 PG 007
- A9 - DENNIS E. KATHLEEN B. GILIA VOL 333 PG 005
- A10 - DENNIS E. KATHLEEN B. GILIA VOL 335 PG 005
- A11 - DENNIS E. KATHLEEN B. GILIA VOL 337 PG 005

ADJACENT LOTS (continued)

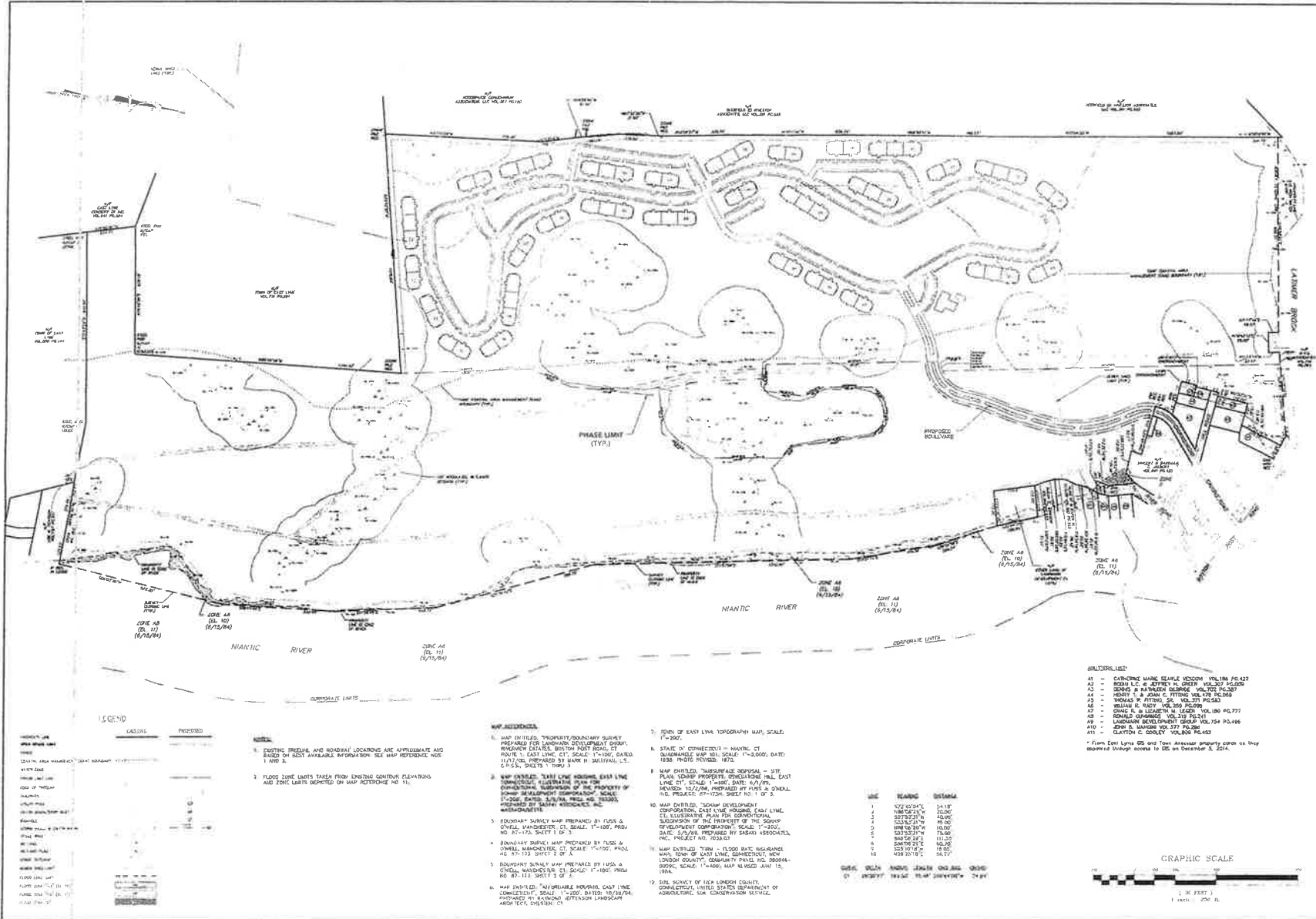
- A12 - DENNIS E. KATHLEEN B. GILIA VOL 339 PG 007
- A13 - DENNIS E. KATHLEEN B. GILIA VOL 341 PG 007
- A14 - DENNIS E. KATHLEEN B. GILIA VOL 343 PG 007
- A15 - DENNIS E. KATHLEEN B. GILIA VOL 345 PG 007
- A16 - DENNIS E. KATHLEEN B. GILIA VOL 347 PG 007
- A17 - DENNIS E. KATHLEEN B. GILIA VOL 349 PG 007
- A18 - DENNIS E. KATHLEEN B. GILIA VOL 351 PG 007
- A19 - DENNIS E. KATHLEEN B. GILIA VOL 353 PG 007
- A20 - DENNIS E. KATHLEEN B. GILIA VOL 355 PG 007
- A21 - DENNIS E. KATHLEEN B. GILIA VOL 357 PG 007

GRAPHIC SCALE



OVERALL SITE PLAN
 RIVERVIEW HEIGHTS
 CALKINS ROAD
 EAST LYME, CONNECTICUT

0-1



LEGEND

	EXISTING	PROPOSED
PROPERTY LINE	[Symbol]	[Symbol]
EXISTING DRIVE	[Symbol]	[Symbol]
PROPOSED DRIVE	[Symbol]	[Symbol]
EXISTING SIDEWALK	[Symbol]	[Symbol]
PROPOSED SIDEWALK	[Symbol]	[Symbol]
EXISTING CURB	[Symbol]	[Symbol]
PROPOSED CURB	[Symbol]	[Symbol]
EXISTING CONC. DRIVE	[Symbol]	[Symbol]
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EXISTING CONC. CURB	[Symbol]	[Symbol]
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PROPOSED CONC. SIDEWALK	[Symbol]	[Symbol]
EXISTING CONC. CURB	[Symbol]	[Symbol]
PROPOSED CONC. CURB	[Symbol]	[Symbol]

1. EXISTING PRELIM. AND HOUSING LOCATIONS ARE APPROXIMATE AND BASED ON BEST AVAILABLE INFORMATION. SEE MAP REFERENCE NOS. 1 AND 2.

2. FLOOD ZONE LIMITS TAKEN FROM EXISTING CONTOUR ELEVATIONS AND ZONE LIMITS DEPICTED ON MAP REFERENCE NO. 11.

MAP REFERENCES

- MAP ENTITLED "PROPERTY/BOUNDARY SURVEY PREPARED FOR SUBDIVISION DEVELOPMENT GROUP, RIVERVIEW HEIGHTS, BOSTON POST ROAD, CT ROUTE 1, EAST LIME, CT. SCALE: 1"=100'. DATED: 11/7/78. PREPARED BY MARK H. SULLIVAN, L.S. & S.A., SHEETS 11 THROUGH 14.
- MAP ENTITLED "TERRAIN LINE HOUSING, EAST LIME CONCEPTUAL ELEVATIONS AND FLOOD ZONE LIMITS, SUBDIVISION OF THE PROPERTY OF PHASE 1 DEVELOPMENT CORPORATION. SCALE: 1"=100'. DATED: 5/17/84. PREPARED BY SASSAK ASSOCIATES, INC., PROJECT NO. 7034348.
- BOUNDARY SURVEY MAP PREPARED BY FLORES & DONALD, HANDBOOK, CT. SCALE: 1"=100'. PLOTTED NO. 87-173, SHEET 1 OF 2.
- BOUNDARY SURVEY MAP PREPARED BY FLORES & DONALD, HANDBOOK, CT. SCALE: 1"=100'. PLOTTED NO. 87-173, SHEET 2 OF 2.
- BOUNDARY SURVEY MAP PREPARED BY FLORES & DONALD, HANDBOOK, CT. SCALE: 1"=100'. PLOTTED NO. 87-173, SHEET 3 OF 3.
- MAP ENTITLED "APPROXIMATE HOUSING, EAST LIME CONCEPTUAL. SCALE: 1"=100'. DATED: 10/20/78. PREPARED BY SASSAK ASSOCIATES, INC., PROJECT NO. 7034348.

- INDEX OF EAST LIME TOPOGRAPHIC MAP, SCALE: 1"=100'.
- STATE OF CONNECTICUT - INDIAN, CT. SUBDIVISION MAP NO. SCALE: 1"=10000'. DATED: 1938. PHOTO REPRODUCED: 1972.
- MAP ENTITLED "SUBSURFACE GEOPHYSICAL - SITE PLAN, SCHEME PROPOSAL, DEVELOPING THE EAST LIME, CT. SCALE: 1"=100'. DATED: 6/7/79. REVISION: 12/7/79. PREPARED BY FLORES & DONALD, INC. PROJECT: 87-1734. SHEET NO. 1 OF 3.
- MAP ENTITLED "SCHEME DEVELOPMENT CORPORATION, EAST LIME HOUSING, EAST LIME, CT. ELEVATION PLAN FOR CONCEPTUAL SUBDIVISION OF THE PROPERTY OF THE SCHEME DEVELOPMENT CORPORATION. SCALE: 1"=100'. DATED: 5/2/84. PREPARED BY SASSAK ASSOCIATES, INC., PROJECT NO. 7034348.
- MAP ENTITLED "TERRAIN - FLOOD ZONE HOUSING AND TOWN OF EAST LIME, CONNECTICUT, HONOLULU LONDON COUNTY, COMPANYY PANEL NO. 080094 - 080095. SCALE: 1"=10000'. MAP REPRODUCED: JAN 15, 1974.
- SOIL SURVEY OF NEW LONDON COUNTY, CONNECTICUT. UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE.

LINE	BEARING	DISTANCE
1	N 72° 43' 01" E	24.15'
2	N 62° 32' 31" W	24.00'
3	S 22° 32' 31" W	78.00'
4	S 88° 50' 30" W	15.00'
5	S 53° 32' 31" W	75.00'
6	S 84° 52' 31" E	111.50'
7	S 58° 50' 31" E	66.00'
8	S 22° 32' 31" E	15.00'
9	S 22° 32' 31" E	15.00'

INCLUDES LIST

- A1 - CATHERINE WARE SEARLE WOODSON VOL.186 PG.422
- A2 - RODS L.C. & JEFFREY H. OCKER VOL.307 PG.205
- A3 - DONALD & BARBARA GIBSON VOL.176 PG.237
- A4 - JOHN & JOAN F. FITTING VOL.128 PG.208
- A5 - THOMAS W. FITTING, SR. VOL.373 PG.263
- A6 - WILLIAM H. HAY VOL.205 PG.100
- A7 - CHAS. R. & LEONARD M. LEACH VOL.180 PG.277
- A8 - DONALD GARDNER VOL.318 PG.241
- A9 - LANDMARK DEVELOPMENT GROUP VOL.754 PG.446
- A10 - JOHN S. SANDER VOL.272 PG.88
- A11 - CLAYTON C. COOLEY VOL.504 PG.453

* From East Lime OS and Town of East Lime property cover as they appeared through access to OS on December 5, 2014.



OVERALL SITE PLAN
RIVERVIEW HEIGHTS
 CALKINS ROAD
 EAST LIME, CONNECTICUT

1
 0

WATERFORD UTILITY COMMISSION

REGULAR MEETING MINUTES

DATE: December 14, 2021
PLACE: 1000 Hartford Turnpike
PRESIDING: Chairman Ken Kirkman
MEMBERS PRESENT: Rodney Pinkham, Steve Negri, and Ray Valentini
ALSO PRESENT: Attorney Nick Kepple, Town Attorney
Staff: Neftali Soto-Chief Engineer

Chairman Kirkman called the meeting to order at 6:15 PM

CITIZEN SESSION

None

SECRETARY'S REPORT

MOTION Made by Mr. Negri to approve the Minutes of the November 16, 2021 meeting, Mr. Valentini seconded.

VOTE The motion passed.

BILLING ADJUSTMENTS

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

EXPENDITURES

MOTION made by Mr. Negri to approve December 2021 bill list, Mr. Valentini seconded.

VOTE The motion passed unanimously.

OLD BUSINESS – REPORTS & UPDATES

- FINANCIALS – WW FUND REVENUES/EXPENDITURES REPORT
The financials were reviewed.
- MUNICIPAL COMPLEX REHAB – STATUS UPDATE
Chairman Kirkman reported that they are waiting to hear from Attorney Avena if the Building Committee is still needed now that the complex is complete.

- **COLLECTIONS-UPDATE**
Attorney Kepple reported that collections are doing well and moving forward in January with foreclosures.
- **TRI TOWN AGREEMENT**
Attorney Kepple reported that a meeting with East Lyme will probably happen after the first of the New Year to review the revisions to the agreement.
- **American Rescue Plan**
Mr. Soto gave an update on where the department was in the different projects using the American Rescue Funds.
Fargo Water Tank-Mr. Soto and Mr. Bartelli are trying to hold a meeting with the tenants of the tank in order to make other arrangements for their equipment for when the tank goes under rehab.
Old Norwich Pump Station-Wright Pierce is helping with the plans for this rehab.
Upgrade Control Panels-U.S. Automation is starting to order the supplies for this project.

UNFINISHED BUSINESS –

NEW BUSINESS

WATER-VEOLIA REPORT

Report was reviewed and discussed.

Discussion on the Interlocal Water Agreement that will be renewed in a few years.

PLANS REVIEW

No plans to review

PERSONNEL

There is a full staff and no issues to report.

ADJOURNMENT

With no further business before the Commission, the meeting adjourned at 7:03 p.m.

MOTION made by Mr. Pinkham to adjourn. Mr. Valentini seconded.

VOTE The motion passed unanimously.

Respectfully submitted,

Amy L. Windle
Recording Secretary

**MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021**

The Regular Meeting of the Water and Water Pollution Control Authority (W&WPCA) began at 7:00 P.M. on the 9th day of December 2021 via Zoom.

PRESENT: Barry Weiner, Chairman
John Russell, Vice-Chairman
Angie Lewis
Melissa Ford
Scott Loring

ALSO, PRESENT: Joseph Lanzafame, Public Utilities
Marianna Gaynor McGuirk, Public Utilities
Peter Vetter, Veolia Water
Jim Locke, Veolia Water

ABSENT: Councilor James Burke
Gregory Dziczek
Margarita Mogollon

OTHERS ATTENDING: None

1.0 ROLL CALL AND CALL TO ORDER

Chairman Barry Weiner called the regular meeting to order at 7:00 P.M. and requested that the record show we do have a quorum. The meeting began with the Pledge of Allegiance to the Flag. He noted that due to the ongoing National and State Public Health Emergency caused by the global Coronavirus pandemic, people wishing to participate in the City of New London, Water & Water Pollution Control Authority public meeting are strongly encouraged to participate in the meeting via the conference call number or the Zoom information provided as part of the agenda. He added that public comments should be submitted in writing to Marianna Gaynor McGuirk at mmcguirk@newlondonct.org. In addition, he added that the meeting agendas and minutes can be found on line at www.newlondonct.org

2.0 CITIZEN PARTICIPATION

There was no Citizen Participation at the December 9, 2021 meeting of the Water & Water Pollution Control Authority.

3.0 MINUTES OF PREVIOUS MEETING

- (1) Water & Water Pollution Control Authority (W&WPCA) Regular Meeting Minutes—October 28, 2021
Upon motion of Scott Loring, seconded by Angie Lewis, it was moved to approve the Regular Meeting Minutes – October 28, 2021. The motion carried unanimously.

4.0 FOR THE INFORMATION OF THE AUTHORITY

- (1) Tabled Items – none
(2) 10/22/21 Letter to W&WPCA from Save Ocean Beach RE: Community Fund Grant for 2021
(3) Invoice to Town of Waterford in the amount of \$774,147.71 for Sewer Billing
(4) Invoice to Town of East Lyme in the amount of \$ 369,742.19 for Sewer Billing
(5) 12/2/21 Letter to Chairman Barry Weiner from Attorney Estep RE: 59 Fog Plain Rd., Waterford, CT

Upon motion of John Russell, seconded by Scott Loring, it was moved to accept Item 4.0(1) – 4.0(5) for the record and take actions, if any, as dictated by the Authority. The motion carried unanimously.

**MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021**

5.0 UNFINISHED BUSINESS

5.1 For the Information of the Authority to be received for the Record:

- (a) Veolia Monthly Contract Operations Report – October, 2021
- (a-1) Veolia Monthly Contract Operations Report – November, 2021

Peter Vetter noted that all water and wastewater operations were within permit compliance throughout this monitoring period (October 1, - October 31, 2021 and some of November.)

Mr. Vetter noted that the work on the sodium hypochlorite containment/storage area is now complete. He added the tanks are in service now and the temporary tanks have been returned to rental agency. Chairman Weiner asked about the structural integrity and Mr. Vetter noted that there is no question about the structural integrity and although the project was expensive it was well worth it.

Mr. Vetter noted that the Stormwater Crew cleaned 35 catch basins and sampled 14 outfalls during the month of October. He added the total catch basins cleaned increased to 1,030 since January 1, 2020. In total, the New London Stormwater System contains around 1,700 catch basins. For 2020 – 2021, approximately 60% of the City's catch basins have been cleaned. He noted that in light of the rain events in November the system fared well.

Mr. Vetter noted that the Road Crew was called out 14 times in October, the majority in Waterford. He noted 12 were service breaks and 2 main breaks. He added that all work at Williams Street PS is now complete with the exception of tying in the emergency generator which will happen on December 10, 2021. He added that Stage 2 will take in the future to replace the two (2) fire pumps.

Mr. Vetter noted that this month the Capital Crew has completed the Barnes Reservoir Road repairs caused by Hurricane Henry. He added they started to clear/widen Ferry Lake Road and will work to renovate the road to the same degree as Barnes Reservoir Road. He added that Veolia is hoping to have this done before the ground freezes in winter.

Mr. Vetter noted that the monthly summary for accounts in Legal decreased this month by \$18,818.34 lowering the amount to \$831,219.12. He noted that the number of customers paying online decreased to 33% this month.

Mr. Vetter noted that Veolia has two new interns on board. He added one is from Grasso Tech and the other a former Marine. He added that he is hopeful that they will eventually become full time Veolia employees.

Mr. Vetter noted that he was contacted by ECCGA (a recipient of one of our Community Grants). They requested to change the area where they were planning to irrigate initially and would like to do it in a different spot. They requested permission from the W&WPCA to make that change. The W&WPCA had no problem at all with this change and commend them for notifying us. Mr. Vetter will let them know that their request has been approved.

- (b) Minutes and Agendas from **Waterford Utility Commission**
 - (1) Waterford Utility Commission Regular Meeting Agenda – November 16, 2021
- (c) Minutes and Agendas from **East Lyme Water & Sewer Commission**
 - (1) None
- (d) Transfers/Deposits/Appropriation Requests
 - (1) None
- (e) Information List (**Actions as dictated by the Authority—information only**)
 - (1) None

MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021

- (f) Invoices and Change Orders for Approval or Payment
- (1) Veolia Water: Invoice for O&M for December 2021 in the amount of \$608,941.70.
 - (2) Veolia Water: Invoice for Electricity for December 2021 in the amount of \$94,942.16
 - (3) Conway & Londregan: Invoice for October 2021 Legal Services in the amount of \$2,340.00
 - (4) Veolia Water: Invoice for Underground Materials for October 2021 in the amount of \$6,224.97 (WIM22)
 - (5) Veolia Water: Invoice for Stormwater (O&M) for November 2021 in the amount of \$44,806.45
 - (6) Veolia Water: Invoice for services for month of November 2021-- New London O&M Water Main Replacement Service in the amount of \$89,102.92

- (1-1) Veolia Water: Invoice for O&M for January, 2022 in the amount of \$608,941.70
- (2-2) Veolia Water: Invoice for Electricity for January, 2022 in the amount of \$94,942.16
- (3-3) Conway & Londregan: Invoice for November 2021 Legal Services PLACEHOLDER
- (4-4) Veolia Water: Invoice for Underground Materials for November 2021 (none received) (WIM22)
- (5-5) Veolia Water: Invoice for Stormwater (O&M) for December 2021 in the amount of \$44,806.45
- (6-6) Veolia Water: Invoice for services for month of December 2021-- New London O&M Water Main Replacement Service in the amount of \$89,102.92.

Upon motion of John Russell, seconded by Melissa Ford, it was moved to approve all invoices above at one time (Items 5.1(f)(1) – 5.1(f)(6) and 5.1(f) (1-1) thru 5.1(f) (6-6) to be paid with the exception of the Conway & Londregan invoices. The motion carried unanimously.

Upon motion of John Russell, seconded by Angie Lewis, it was moved to add to the agenda 5.1(f) (3-3) Conway & Londregan-- Invoice for November 2021 for Legal Services in the amount of \$480.00 replacing the word placeholder with \$480.00. The motion carried unanimously.

After discussion upon motion of Scott Loring, seconded by Angie Lewis, it was moved to approve payment to Conway & Londregan in the amount of \$2,340.00 less \$150.00 for item charged in the amount of \$150.00 relating to Item Tri-Town Agreement – Attendance at Signing of Agreement. The motion carried with one oppose (Melissa Ford).

Upon motion of Scott Loring, seconded by Melissa Ford, it was moved to approve both Conway & Londregan bills as adjusted. The motion carried unanimously.

- (g) Finance Reports--- Royal Bank of Canada (RBC) – No report given (will be on next agenda)

- (1) Portfolio Review
 - Treatment Plant Sinking Fund
 - Water Fund Capital Projects
 - Water Surcharge
 - Sewer Fund

- (h) Delinquency Report – Provided by Veolia - (for October 2021)
After discussion, upon motion of John Russell, seconded by Scott Loring, it was moved to send the accounts recommended by Veolia Water to Legal. The motion carried unanimously.

The foregoing matters Items 5.1(a) through 5.1(h) are received for the record and/or referred to the Committee.

MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021

6.0 OLD BUSINESS

- (1) 10-19-21 Letter to W&WPCA from Millers Pond Company, LLC RE: Request for Price Quotes
- (2) 10-20-21 Letter to W&WPCA from Millers Pond Company, LLC RE: Demand for Public Retraction

Chairman Weiner spoke briefly about Item 6.0(1) and gave a little history as to the first meeting Director Lanzafame and Chairman Weiner had with the Schacht's. At that time, the Schacht's were interested in opening negotiations with Millers Pond Company, LLC and the City with regard to purchasing water rights, etc. With the approval of the Authority Director Lanzafame and Chairman Weiner began discussions relative to same. At the end of those meetings, it was determined that the City would not be interested in this proposal and stated it would not fit into our water plans for the future. Millers Pond Company, LLC was informed of our decision. Chairman Weiner noted that Item 6.0(1) was a follow up letter from Robert Schacht and presents a request for price quotes for access to New London water facilities to accomplish a few different uses. Chairman Weiner noted that he spoke with Director Lanzafame relative to same and they will meet to discuss this possible venture with Millers Pond Company, LLC. After discussion, *upon motion of John Russell, seconded by Angie Lewis, it was moved to grant authorization to Director Lanzafame and Chairman Weiner to consider Millers Pond Company LLC request to this interesting proposal as outlined in Item 6.0(1) and to come up with answers to their questions-- and after board approval -- to present that information back to Millers Pond Company, LLC. The motion carried unanimously.*

Chairman Weiner requested that Marianna respond to Item 6.0(1) – Letter from Millers Pond Company, LLC informing them that at the December 9, 2021 meeting of the W&WPCA the board reviewed their proposals and requests as outlined in their October 19th letter and the W&WPCA granted approval for Chairman Barry Weiner and Director Joseph Lanzafame to review their requests and bring back to the board answers to their questions and then to present same back to Millers Pond Company, LLC.

Chairman Weiner spoke briefly about Item 6.0(2) – Letter from Millers Pond Company, LLC dated October 20, 2021 requesting a demand for public retraction of false and defamatory information which was published by the Authority. Chairman Weiner noted that he publicly apologizes to Millers Pond Company, LLC for those comments he made after their first negotiation meeting with Millers Pond Company, LLC and noted for the record that he misspoke and there was no unethical behavior exhibited by Millers Pond Company, LLC and they did not negotiate in bad faith during these negotiations. He added that he withdraws those initial comments made and states categorically for the record that our previous negotiations, although they did not come to fruition, were made in good faith and there should be no negative connotations assigned to Millers Pond Company, LLC. Chairman Weiner noted that he hopes Mr. Schacht will accept his apology for the disparaging comments that he made because it was certainly not his intention. Chairman Weiner requested that Marianna provide a copy of the December 9, 2021 minutes to Millers Pond Company, LLC reflecting Chairman Weiner's statements and apology and indicates that he hopes it will publicly satisfy any concerns that the Schacht's may have.

7.0 NEW BUSINESS

- (1) Criteria for Claims – 42 Bristol Street, New London, CT
Upon motion of John Russell, seconded by Scott Loring it was moved to approve staff recommendation to offer no relief on the sewer portion of the bill. The motion carried unanimously

Chairman Weiner requested that Marianna forward a letter to the property owner informing them of the board's decision.

- (2) Criteria for Claims – 59 Bristol Street, New London, CT
Upon motion of John Russell, seconded by Melissa Ford it was moved to approve staff recommendation to offer relief on the sewer portion of the bill. The motion carried unanimously

MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021

8.0 STORMWATER UTILITY AGENDA ITEMS
(1) Stormwater Update by Joseph Lanzafame

Director Lanzafame noted that he would like to start his presentation stating that Jim Locke from Veolia Water has been doing a great job and has received numerous Atta boys from several customers. Director Lanzafame credited Mr. Locke with a job well done and noted that, oftentimes, people seem to file complaints but it is not customary that they receive credit for a job well done. All present, thanked Jim for his hard work.

WATERSHED MANAGEMENT PLAN – PHASE 2

Director Lanzafame gave an update on the Watershed Management Plan – Phase 2. He added that the City of New London is actively working on Phase 2 of its Watershed Management Plan, partially funded by a grant from the Long Island Sound Futures Fund. He added that Phase 2 builds on the work completed through the Watershed Management Plan Framework completed in Phase 1 of the project and will complete the City's efforts to develop a plan that addresses all nine (9) elements of an approved Watershed Based Plan.

Director Lanzafame also noted that work includes estimation of pollutant source loads within the watershed (with particular focus on nitrogen), selection of management measures to reduce pollutant loads, and a plan for implementation.

Director Lanzafame noted that work performed this period has included:

- Approval of the QAPP and targeted stormwater system sampling to enhance and calibrate the pollutant load analysis
- Review of City-owned parcels where best management practices may be effective for the City in reducing nitrogen and bacteria from stormwater.

LEAD SERVICE LINE REPLACEMENT PROGRAM

Director Lanzafame noted that this past January 2021, final Lead and Copper Rule Revisions were published by the US EPA with the overall goal of improving public health protection by reducing risks around lead in drinking water. He added the revisions include incentives to fully remove any lead and downstream galvanized service lines in public water systems for continued public health. Director Lanzafame noted that the City and W&WPCA have decided to move forward with this project of removing lead service lines from the City. Director Lanzafame stated that we have engaged with ARCADIS to do this work. Director Lanzafame also gave an update on the status of meetings held with ARCADIS and the State Department of Public Health relative to this project. Director Lanzafame noted that a tentative date (January 4, 2022 – New London Senior Center) has been set up to begin the public education process and all will be invited to attend.

In conclusion, Director Lanzafame noted that to date, the City of New London has maintained compliance with established lead and copper action levels in its water system, providing high quality drinking water to its customers; however, the City is aware of 1,500 to 1,600 lead service lines that exist within its system.

Director Lanzafame noted that to assure compliance ahead of these new requirements and guarantee continued protection of our communities, the city is proactively advancing a program to identify and replace any remaining lead service lines on both the public and private portions within the city with the use of state funding to lower the burden of costs on private homeowners.

**MINUTES OF THE WATER & WATER POLLUTION CONTROL AUTHORITY/STORMWATER AUTHORITY
Regular Meeting, December 9, 2021**

Director Lanzafame noted that progress during the period includes:

- Development of public outreach plan and draft materials
- Refinement of the inventory of lead service lines
- Planning and preparation for confirmatory testing
- Coordination with the City and CT DPH

Chairman Weiner noted that Director Lanzafame is doing a terrific job with this project and also credited the W&WPCA stating that they should be so proud because it is likely New London will be the first in the State of CT to remove lead service lines and maybe even in the top ten in the country. Director Lanzafame credits staff for their assistance.

John Russell expressed concern about the amount of work that this project has created and asked if there was anything that board members could do to help. After discussion, it was noted forming a subcommittee to participate in the meetings would be helpful. Chairman Weiner appointed John Russell and Angie Lewis as subcommittee members and Melissa Ford will serve as an alternate.

Director Lanzafame noted that he has been asked by several cities and towns to do Stormwater Presentations explaining how New London went about creating the first Stormwater Authority in Connecticut. Director Lanzafame noted that hopefully other cities and towns will follow suit.

Peter Vetter asked to speak regarding the kudos given to Jim Locke. He stated that Jim and office staff do a great job and provide excellent assistance to all customers; however, it was the decision by the W&WPCA to move forward to have their own billing system-- Advanced Utilities which allows them to provide the information customers are looking for in a timely manner. Mr. Vetter credits and thanks the W&WPCA for that decision and his staff for all their hard work.

John Russell wished all present a very happy holiday season. Chairman Weiner wished all the same and noted he looks forward to having in-person meetings again.

9.0 ADJOURNMENT

Upon motion of Scott Loring, seconded by Melissa Ford, it was moved to adjourn at 8:00 p.m. The next regular meeting of the W&WPCA will be held on Thursday, January 27, 2022. Location of the meeting will be noted on the January 27, 2022 Agenda. The motion carried unanimously.

This document is subject to corrections, changes and/or Revisions.

Distribution:

Barry J. Weiner, Chairman
John Russell, Vice-Chairman
James Burke, Council Liaison
Gregory Dzikczek, Authority Member
Scott Loring, Authority Member
Margarita Mogollon, Authority Member
Melissa Ford, Authority Member
Angie Peters, Authority Member
Joseph Lanzafame, Public Utilities
Peter Vetter, Veolia Water
Mayor Michael Passero
Richelle Meneses, Mayor's Office
David McBride, Director of Finance (agenda only)
Jonathan Ayala, City Clerk (3 copies)

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

1. General Statistics for Dec-21

TASKS PERFORMED by WATER DEPARTMENT	December 2021	TOTAL THIS YEAR	TOTAL LAST YEAR (July 1st to June 30th)
Meters Installed (New Accounts)	2	4	22
New Meters In System	313	711	New / Total
			1693 / 6286 or 26%
New Service Connections Installed	0	5	8
Services and Mains Repaired⁽¹⁾	1 Service Leak / 2 Main Breaks	17	7
Gallons Pumped (x1000)	56,781	344,509	616,864

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

2. Monthly Average Day Demand (MADD)

	December	December 2020	% Difference LY
Water Produced (Million Gallons Daily)	1.760	1.303	35.05%

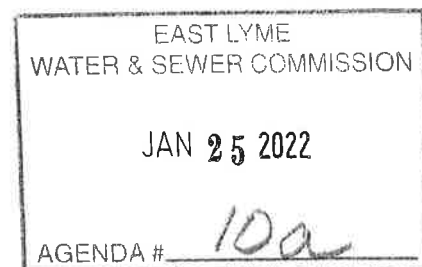
MADD as a % of 3.16 MGD available water (24-hour pumping) = 55.70%

MADD as a % of 2.37 MGD available water (18-hour pumping) = 74.26%

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

3. Significant Items

- Precipitation was 1.84 inches for the month of December
- Staff is continuing meter replacement work. 313 meters have been installed in the month of December. Part of the month involved training of new personnel, replacements will increase in future months.
- Staff is pumping water to New London through the Interconnect. East Lyme is starting to send water for the 2022 season, with about one million gallons pumped so far.



EAST LYME WATER DEPARTMENT

Historic Monthly Water Production Report (x1,000)

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	% +/- (Previous Year)	Monthly Precip. 20-21 (in.)
July	75953	72074	80638	81529	67948	67364	69703	64939	62206	-4.21%	6.36
Aug.	72609	69962	71557	73078	62844	61898	65912	66044	63933	-3.20%	4.53
Sept.	61524	54918	62752	56264	48592	52642	58151	56757	55281	-2.60%	8.84
Oct.	55600	50298	56829	53767	45152	48004	51836	48088	53507	11.27%	6.12
Nov.	53195	46624	56798	51876	39400	51065	45917	40639	52801	29.93%	2.51
Dec.	61753	51289	59049	53697	45664	40675	48171	40399	56781	40.55%	1.84
Jan.	64296	53405	55502	55699	48433	44334	44334	45053			
Feb.	55226	50538	58426	56887	41951	44733	47832	41912			
Mar.	63206	55848	56130	55300	44903	54467	50150	48343			
Apr.	58447	54891	56931	49606	46231	52493	48753	49554			
May	65790	68621	65388	58395	51915	57692	55327	57411			
Jun.	71966	64086	74172	64325	57332	58021	64665	57685			
Total	759565	692554	754172	710423	600365	633388	650751	616824			30.20
% +/- (Previous Year)	9.99%	-8.82%	8.90%	-5.80%	-15.49%	5.50%	2.74%	-5.21%			
% +/- Running Annual Average									11.96%		

EAST LYME WATER DEPARTMENT

Historic Monthly Water Production Report (x1,000)

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	AVG. Previous Years	21-22	% +/- (Previous Years)	Monthly Precip. 20- 21 (in.)
July	75953	72074	80638	81529	67948	67364	69703	64939	72519	62206	-14.22%	6.36
Aug.	72609	69962	71557	73078	62844	61898	65912	66044	67988	63933	-5.96%	4.53
Sept.	61524	54918	62752	56264	48592	52642	58151	56757	56450	55281	-2.07%	8.84
Oct.	55600	50298	56829	53767	45152	48004	51836	48088	51197	53507	4.51%	6.12
Nov.	53195	46624	56798	51876	39400	51065	45917	40639	48189	52801	9.57%	2.51
Dec.	61753	51289	59049	53697	45664	40675	48171	40399	50087	56781	13.36%	1.84
Jan.	64296	53405	55502	55699	48433	44334	44334	45053	51382			
Feb.	55226	50538	58426	56887	41951	44733	47832	41912	49688			
Mar.	63206	55848	56130	55300	44903	54467	50150	48343	53543			
Apr.	58447	54891	56931	49606	46231	52493	48753	49554	52113			
May	65790	68621	65388	58395	51915	57692	55327	57411	60067			
Jun.	71966	64086	74172	64325	57332	58021	64665	57685	64032			
Total	759565	692554	754172	710423	600365	633388	650751	616824	677255			30.20
% +/- (Previous Year)	9.99%	-8.82%	8.90%	-5.80%	-15.49%	5.50%	2.74%	-5.21%				
% +/- Running Annual Average											0.87%	

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

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:
PWS ID:
PWS Name:
City/Town:

2. Compliance Information:
Water System Facility ID:
Month: Year:
Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.59	7.40		0.85	17		0.61	7.21		0.59
2		0.49	7.35		1.03	18		0.58	7.17		0.74
3		0.52	7.51		0.89	19		0.45	7.05		0.67
4		0.55	7.43		0.72	20		0.55	7.21		0.60
5		0.43	7.37		0.80	21		0.43	7.15		0.58
6		0.59	7.41		0.82	22		0.61	7.17		0.50
7		0.36	7.51		0.68	23		0.53	7.12		0.64
8		0.48	7.27		0.58	24		0.51	7.10		0.81
9		0.51	7.46		0.45	25		0.56	7.16		0.76
10		0.37	7.41		0.61	26		0.71	7.12		0.74
11		0.48	7.33		0.66	27		0.56	7.09	1.14	0.53
12		0.64	7.34		0.71	28		0.48	7.05		0.91
13		0.35	7.31		0.62	29		0.74	7.05		0.59
14		0.41	7.21		0.65	30		0.55	7.06		0.47
15		0.41	7.16	1.14	0.71	31		0.73	7.00		0.36
16		0.46	7.08		0.63						

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

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CHLR	Monthly Chlorine Log	31	31	Y	0.74	0.52	0.35	Y
<input checked="" type="checkbox"/> PHRD	Monthly pH Log	31	31	Y	7.51	7.23	7.00	Y
<input checked="" type="checkbox"/> PHOS	Monthly Phosphate Log	2	2	Y	1.14	1.14	1.14	Y
<input checked="" type="checkbox"/> FLRD	Monthly Fluoride Log	31	31	Y	1.03	0.67	0.36	Y

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2 The Number of Samples Required is contingent on the number of days the Water System Facility or treatment process was online. If the facility or treatment process was not online but monitoring is normally required Number of Days Required = "0" and the Summary Type must be checked.
3 The M&R (Monitoring & Reporting) Complied field is an indicator ensuring Number of Samples Taken > Number of Samples Required.
4 The Level Complied field is an indicator ensuring that the Highest and Lowest Readings are within required ranges for treatment effluents. Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.

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

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.57	7.25		0.90	17		0.64	7.38		0.54
2		0.66	7.25		0.67	18		0.67	7.52		0.81
3		0.65	7.43		0.65	19		0.64	7.62		0.78
4		0.61	7.38		0.71	20		0.62	7.39		0.67
5		0.72	7.43		0.55	21		0.58	7.46		0.54
6		0.62	7.29		0.45	22		1.07	7.68		0.74
7		0.42	7.46		0.29	23		0.62	7.29		0.64
8		0.60	7.28		0.37	24		0.79	7.44		0.60
9		0.58	7.27		0.76	25		0.66	7.45		0.62
10		0.68	7.44		0.63	26		0.81	7.49		0.62
11		0.79	7.17		0.88	27		0.47	7.12		0.62
12		0.76	7.40		0.74	28		0.56	7.21		0.68
13		0.62	7.38		0.59	29		0.87	7.24		0.56
14		0.82	7.49		0.47	30		0.83	7.28		0.54
15		0.43	7.75		0.51	31		0.69	7.36		0.58
16		0.78	7.31		0.72						

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

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CHL	Monthly Chlorine Log	31	31	Y	1.07	0.67	0.42	Y
<input checked="" type="checkbox"/> PHR	Monthly pH Log	31	31	Y	7.75	7.38	7.12	Y
<input type="checkbox"/> PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/> FLU	Monthly Fluoride Log	31	31	Y	0.90	0.63	0.29	Y

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- 4 The Level Complied field is an indicator ensuring that the Highest and Lowest Readings are within required ranges for treatment effluents.
- Operating Limits are provided in the current Schedule of Water Quality Monitoring Requirements.

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

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:
PWS ID: CT0450011
PWS Name: East Lyme Water & Sewer Commission
City/Town: East Lyme

2. Compliance Information:
Water System Facility ID: 00705
Month: 12 Year: 2021
Certified Operator: Mark Alfieri

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.36	7.37		0.61	17		0.50	7.33		0.84
2		0.38	7.26		0.79	18		0.41	7.26		0.72
3		0.27	7.33		0.69	19		0.42	7.17		0.70
4		0.28	7.34		0.72	20		0.53	7.18		0.78
5		0.26	7.38		0.65	21		0.64	7.34		0.77
6		0.47	7.19		0.81	22		0.66	7.30		0.80
7	Offline					23		0.61	7.27		0.77
8	Offline					24		0.67	7.43		0.76
9		0.20	7.25		0.84	25		0.32	7.50		0.57
10		0.32	7.22		0.86	26		0.62	7.41		0.58
11		0.34	7.29		0.77	27		0.63	7.45		0.61
12		0.57	7.43		0.89	28		0.46	7.38		0.60
13		0.75	7.21		0.83	29		0.54	7.41		0.47
14		1.10	7.30		0.87	30		0.63	7.40		0.71
15		0.61	7.18		0.76	31		0.61	7.42		0.68
16		1.03	7.37		0.92						

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

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CLR	Monthly Chlorine Log	29	29	Y	1.10	0.52	0.20	Y
<input checked="" type="checkbox"/> PH	Monthly pH Log	29	29	Y	7.50	7.32	7.17	Y
<input type="checkbox"/> P	Monthly Phosphate Log							
<input checked="" type="checkbox"/> F	Monthly Fluoride Log	29	29	Y	0.92	0.74	0.47	Y

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

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

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:
PWS Name:
City/Town:

2. Compliance Information:

Water System Facility ID:
Month: Year:
Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.85	7.55		0.65	17		0.64	7.69		0.68
2		0.78	7.42		0.96	18		0.66	7.47		0.80
3		0.66	7.52		0.80	19		0.72	7.32		0.82
4		0.66	7.55		0.84	20		0.74	7.67		0.65
5		0.63	7.58		0.81	21		0.80	7.52		0.61
6		0.91	7.58		0.70	22		0.64	7.55		0.82
7		0.83	7.59		0.76	23		0.71	7.48		0.74
8		0.90	7.54		0.64	24		0.67	7.47		0.88
9		0.71	7.50		0.71	25		0.80	7.57		0.85
10		0.86	7.57		0.72	26		0.90	7.58		0.83
11		0.84	7.66		0.74	27		1.19	7.55		0.82
12		1.03	7.65		0.73	28		0.67	7.57		0.84
13		0.67	7.58		0.52	29		0.75	7.54		0.80
14		0.80	7.60		0.61	30		0.74	7.53		0.77
15		0.56	7.65		0.53	31		0.64	7.59		0.71
16		0.72	7.57		0.71						

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

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CHLR	Monthly Chlorine Log	31	31	Y	1.19	0.76	0.56	Y
<input checked="" type="checkbox"/> PHRD	Monthly pH Log	31	31	Y	7.69	7.56	7.32	Y
<input type="checkbox"/> PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/> FLRD	Monthly Fluoride Log	31	31	Y	0.96	0.74	0.52	Y

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

TREATMENT EFFLUENT MONITORING AND REPORTING FORM

1. Public Water System (PWS) Information:

PWS ID:

PWS Name:

City/Town:

2. Compliance Information:

Water System Facility ID:

Month: Year:

Certified Operator:

3. Analytical Results:

Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)	Day	Status 1	Chlorine Residual (mg/L)	pH (pH units)	Phosphate (mg/L)	Fluoride (mg/L)
1		0.80	7.34		0.92	17		0.96	7.23		0.45
2		0.83	7.49		0.91	18		0.87	7.25		0.82
3		0.61	7.52		0.70	19		0.86	7.24		0.76
4		0.74	7.50		0.63	20		0.82	7.26		0.67
5		0.73	7.48		0.71	21		0.85	7.24		0.38
6		0.36	7.24		0.51	22		1.03	7.48		0.65
7		0.88	7.65		0.53	23		1.04	7.24		0.85
8		0.90	7.28		0.67	24		1.22	7.57		0.80
9		0.59	7.29		0.62	25		1.03	7.41		0.73
10		0.81	7.05		0.68	26		0.83	7.43		0.42
11		1.14	7.27		0.66	27		0.97	7.46		0.49
12		0.82	7.19		0.62	28		1.06	7.32		0.63
13		0.94	7.15		0.60	29		1.05	7.26		0.74
14		0.89	7.23		0.55	30		1.09	7.62		0.67
15		1.04	7.09		0.46	31		0.96	7.72		0.55
16		0.95	7.10		1.03						

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

Summary Type	Treatment Summary Name	Monitoring Requirements			Highest Daily Reading	Monthly Average	Lowest Daily Reading	Level Compliance (Y/N) 4
		Number of Days		Compliance (Y/N) 3				
		Required 2	Completed					
<input checked="" type="checkbox"/> CHLR	Monthly Chlorine Log	31	31	Y	1.22	0.89	0.36	Y
<input checked="" type="checkbox"/> PHRD	Monthly pH Log	31	31	Y	7.72	7.34	7.05	Y
<input type="checkbox"/> PHOS	Monthly Phosphate Log							
<input checked="" type="checkbox"/> FLRD	Monthly Fluoride Log	31	31	Y	1.03	0.66	0.38	Y

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EAST LYME WATER DEPARTMENT
Well Production Report December 2021

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	0.541		0.188		0.174		0.517		0.103		0.080		0.228		0.692	0.880	1.832	0.000	0.145	1.832	
Date	*Alert* Trigger	12.0		4.0		15.0		20.0		6.0		18.0		22.0							
12/1/2021	0.526	13.3	0.032	20.0	0.165	18.0	0.482	25.9	0.113	5.80	0.061	58.9	0.218	35.7	0.647	0.679	1.596	0.000	0.138	1.596	0.05
12/2/2021	0.589	13.2	0.197	22.0	0.179	17.0	0.459	23.1	0.104	5.70	0.012	44.5	0.243	35.1	0.638	0.835	1.783	0.000	0.171	1.783	0.05
12/3/2021	0.394	13.2	0.171	20.0	0.199	42.0	0.575	34.9	0.078	5.80	0.098	44.6	0.164	35.2	0.944	0.944	1.675	0.000	0.133	1.675	0.00
12/4/2021	0.564	13.1	0.116	20.0	0.155	18.0	0.435	23.1	0.120	5.70	0.084	44.2	0.234	35.1	0.590	0.707	1.708	0.000	0.206	1.708	0.00
12/5/2021	0.555	13.2	0.208	20.0	0.197	42.0	0.580	34.9	0.097	5.60	0.097	17.8	0.231	35.1	0.777	0.985	1.966	0.000	0.204	1.966	0.00
12/6/2021	0.511	18.5	0.182	20.0	0.183	17.0	0.514	23.2	0.094	5.50	0.086	43.7	0.212	40.5	0.697	0.879	1.782	0.000	0.144	1.782	0.38
12/7/2021	0.404	13.2	0.152	20.0	0.183	42.0	0.545	34.4	0.000	9.90	0.086	17.9	0.169	35.1	0.728	0.880	1.539	0.000	0.140	1.539	0.00
12/8/2021	0.633	13.2	0.186	20.0	0.176	18.0	0.520	23.4	0.043	9.90	0.062	43.5	0.263	35.4	0.696	0.882	1.883	0.000	0.021	1.883	0.07
12/9/2021	0.545	18.4	0.180	20.0	0.169	17.0	0.485	23.1	0.060	9.90	0.112	17.7	0.228	40.3	0.654	0.634	1.778	0.000	0.136	1.778	0.09
12/10/2021	0.450	13.1	0.053	21.0	0.162	17.0	0.490	34.4	0.128	5.70	0.079	17.5	0.187	34.8	0.652	0.704	1.548	0.000	0.156	1.548	0.00
12/11/2021	0.428	13.1	0.160	21.0	0.173	18.0	0.507	23.5	0.104	9.80	0.088	22.1	0.179	34.9	0.680	0.840	1.640	0.000	0.090	1.640	0.08
12/12/2021	0.538	18.6	0.217	20.0	0.178	18.0	0.521	23.3	0.100	5.60	0.078	17.5	0.225	40.6	0.699	0.915	1.857	0.000	0.000	1.857	0.15
12/13/2021	0.543	13.2	0.114	20.0	0.157	18.0	0.483	23.2	0.128	9.80	0.115	17.5	0.228	35.1	0.640	0.754	1.768	0.000	0.137	1.768	0.00
12/14/2021	0.582	18.5	0.162	20.0	0.146	18.0	0.435	23.1	0.082	5.60	0.067	16.8	0.242	40.4	0.581	0.743	1.716	0.000	0.139	1.716	0.00
12/15/2021	0.542	12.9	0.154	35.0	0.173	42.0	0.525	35.3	0.084	9.80	0.111	42.1	0.229	34.8	0.698	0.852	1.817	0.000	0.146	1.817	0.00
12/16/2021	0.724	18.4	0.242	19.0	0.158	17.0	0.485	34.0	0.093	5.40	0.045	16.8	0.304	40.4	0.643	0.885	2.050	0.000	0.134	2.050	0.14
12/17/2021	0.325	18.1	0.174	19.0	0.201	18.0	0.572	23.1	0.134	5.30	0.030	42.3	0.137	40.1	0.773	0.946	1.572	0.000	0.139	1.572	0.00
12/18/2021	0.579	13.1	0.214	18.0	0.153	17.0	0.439	22.8	0.110	5.30	0.078	15.7	0.242	35.1	0.592	0.606	1.815	0.000	0.187	1.815	0.02
12/19/2021	0.523	18.0	0.220	18.0	0.164	17.0	0.521	23.7	0.104	9.70	0.116	15.9	0.220	39.0	0.685	0.905	1.868	0.000	0.211	1.868	0.23
12/20/2021	0.702	13.0	0.186	18.0	0.149	17.0	0.441	23.1	0.131	5.00	0.081	14.8	0.294	34.9	0.590	0.775	1.983	0.000	0.000	1.983	0.00
12/21/2021	0.407	18.2	0.201	20.0	0.181	17.0	0.549	23.1	0.108	5.10	0.096	14.4	0.172	40.3	0.730	0.931	1.714	0.000	0.148	1.714	0.00
12/22/2021	0.525	12.8	0.169	18.0	0.179	41.0	0.473	23.6	0.095	5.20	0.076	56.6	0.219	34.8	0.652	0.821	1.736	0.000	0.143	1.736	0.00
12/23/2021	0.586	18.2	0.267	18.0	0.227	17.0	0.657	34.6	0.123	5.00	0.117	14.2	0.238	40.2	0.884	1.151	2.195	0.000	0.228	2.195	0.07
12/24/2021	0.595	12.8	0.192	18.0	0.148	41.0	0.488	22.6	0.127	5.20	0.082	14.0	0.250	34.8	0.636	0.829	1.883	0.000	0.197	1.883	0.00
12/25/2021	0.499	12.8	0.265	19.0	0.208	41.0	0.576	34.1	0.106	5.00	0.061	14.0	0.210	35.3	0.784	1.050	1.926	0.000	0.207	1.926	0.04
12/26/2021	0.792	13.0	0.235	18.0	0.158	19.0	0.475	23.3	0.161	5.00	0.089	13.0	0.313	35.4	0.633	0.858	2.224	0.000	0.206	2.224	0.20
12/27/2021	0.418	12.3	0.221	19.0	0.200	41.0	0.654	34.4	0.102	5.00	0.109	13.0	0.203	34.6	0.854	1.075	1.906	0.000	0.137	1.906	0.00
12/28/2021	0.727	13.0	0.265	19.0	0.153	17.0	0.477	27.7	0.152	5.00	0.101	20.6	0.317	35.3	0.630	0.895	2.192	0.000	0.143	2.192	0.16
12/29/2021	0.389	17.7	0.257	19.0	0.190	17.0	0.580	23.1	0.089	9.90	0.104	20.0	0.170	39.7	0.770	1.027	1.779	0.000	0.135	1.779	0.04
12/30/2021	0.695	12.8	0.172	19.0	0.151	41.0	0.476	34.6	0.128	9.80	0.013	20.0	0.304	34.6	0.627	0.799	1.939	0.000	0.136	1.939	0.00
12/31/2021	0.496	12.7	0.260	18.0	0.193	41.0	0.619	34.6	0.105	5.00	0.054	20.0	0.217	34.6	0.812	1.072	1.944	0.000	0.197	1.944	0.07
Average	0.541	14.7	0.188	19.9	0.174	25.2	0.517	27.5	0.103	6.65	0.080	25.5	0.228	36.7	0.692	0.880	1.832	0.000	0.145	1.832	0.06
Minimum	0.325	12.3	0.032	18.0	0.146	17.0	0.435	22.6	0.000	5.00	0.012	13.0	0.137	34.6	0.581	0.679	1.539	0.000	0.000	1.539	0.00
Maximum	0.792	18.6	0.267	35.0	0.227	42.0	0.657	35.3	0.161	9.90	0.117	58.9	0.317	40.6	0.884	1.151	2.224	0.000	0.228	2.224	0.38
Total	16.767		5.822		5.408		16.038		3.199		2.486		7.052		21.446	27.268	56.781	0.000	4.509	56.781	1.84

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
% of Total Sent to NL (Wells)	7.94	
Running Total (water received 2021)	15.025	
Goal	14.850	
% of Goal	101.18	
Running Total (water sent to NL2021)	23.491	
Goal	17.677	
% of Goal	132.89	

January 2022

East Lyme Sewer Maintenance Report for December 2021

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. Old Black Point Rd Building Maintenance
7. General equipment maintenance
8. Monitor Odor Control System 31 Arbor Xing for H2S (Seasonal, turned off for winter)
9. Monitor Oder Control System. 170 Giants Neck Rd for H2S (Seasonal, turned off for winter)
10. Monitor H2S (Point O Woods)
11. Install conduit for new pump controls Old Black Point RD

EAST LYME WATER & SEWER COMMISSION
JAN 25 2022
AGENDA # <u>106</u>

Sewer Department Monthly Report

January 25 2022

Dec-21	Monthly Running Avg:	954,508 GPD
	Daily Avg:	895,121 GPD
	Daily Max:	1,136,957 GPD
	Daily Min:	538,883 GPD

Daily Average as a Percent of Monthly Running Average:	93.78%
Daily Average as a Percent of 1.5 MGD Allotment at NLWWTP:	59.67%

State CT Flows:

	DOC	Camp Nett	Rocky Neck	POW	Total
Actual GPD AVG.	120,575	4,077	0	8,158	132,810
Design GPD AVG.	250,000	58,400	64,600	105,000	478,000
% of Design GPD	48.2%	6.98%	0	7.77%	27.78%
% of East Lyme Average Daily Flow	13.47%	0.46%	0.00%	0.91%	14.84%
% of East Lyme 1.5 MGD Allotment	8.04%	0.27%	0.00%	0.54%	8.85%

Footnotes:

EAST LYME SEWER FLOWS - HISTORY

	2014	2015	2016	2017	2018	2019	2020	2021	% +/- Prev. Yr.	Precip. 2021 (in.)
JAN.	1,011,343	787,646	747,284	784,837	781,519	1,090,311	849,497	938,302	10.45%	2.85
FEB.	994,771	832,681	809,701	765,648	865,263	842,611	859,175	911,422	6.08%	4.08
MAR.	1,026,812	1,017,280	790,851	777,452	927,771	893,805	832,803	886,441	6.44%	3.13
APR.	1,126,058	938,861	796,611	897,161	778,780	918,456	885,983	962,591	8.65%	5.05
MAY	1,145,107	913,816	777,446	872,268	746,049	947,042	900,485	951,501	5.67%	5.22
JUN.	1,007,792	880,190	815,281	849,504	906,535	875,000	882,463	976,981	10.71%	1.50
JUL.	1,038,583	1,048,427	879,952	883,851	1,026,307	977,552	853,930	1,047,771	22.70%	6.36
AUG.	999,147	977,543	868,636	873,017	905,718	932,181	784,456	978,158	24.69%	4.53
SEPT.	837,706	878,563	762,544	769,493	875,918	833,237	632,562	1,051,008	66.15%	8.84
OCT.	852,281	861,521	738,247	752,273	903,915	806,576	692,324	917,384	32.51%	6.12
NOV.	787,769	803,842	709,481	732,848	871,111	815,129	700,168	937,414	33.88%	2.51
DEC.	835,260	788,121	728,649	728,437	894,050	927,335	896,694	895,121	-0.18%	1.84
RUNNING AVERAGE	971,886	894,041	785,390	807,232	873,578	904,936	814,212	954,508	18.98%	
									Precip. Total	52.03

EAST LYME SEWER FLOWS - HISTORY

	2014	2015	2016	2017	2018	2019	2020	AVG. Prev. Years	2021	% +/- AVG. Prev. Years	Precip. 2021 (in.)
JAN.	1,011,343	787,646	747,284	784,837	781,519	1,090,311	849,497	864,634	938,302	8.5%	2.85
FEB.	994,771	832,681	809,701	765,648	865,263	842,611	859,175	852,836	911,422	6.9%	4.08
MAR.	1,026,812	1,017,280	790,851	777,452	927,771	893,805	832,803	895,253	886,441	-1.0%	3.13
APR.	1,126,058	938,861	796,611	897,161	778,780	918,456	885,983	905,987	962,591	6.2%	5.05
MAY	1,145,107	913,816	777,446	872,268	746,049	947,042	900,485	900,316	951,501	5.7%	5.22
JUN.	1,007,792	880,190	815,281	849,504	906,535	875,000	882,463	888,109	976,981	10.0%	1.50
JUL.	1,038,583	1,048,427	879,952	883,851	1,026,307	977,552	853,930	958,372	1,047,771	9.3%	6.36
AUG.	999,147	977,543	868,636	873,017	905,718	932,181	784,456	905,814	978,158	8.0%	4.53
SEPT.	837,706	878,563	762,544	769,493	875,918	833,237	632,562	798,575	1,051,008	31.6%	8.84
OCT.	852,281	861,521	738,247	752,273	903,915	806,576	692,324	801,020	917,384	14.5%	6.12
NOV.	787,769	803,842	709,481	732,848	871,111	815,129	700,168	774,335	937,414	21.1%	2.51
DEC.	835,260	788,121	728,649	728,437	894,050	927,335	896,694	828,364	895,121	8.1%	1.84
AVG.	971,886	894,041	785,390	807,232	873,578	904,936	814,212	864,468	954,508	10.7%	
										Precip. Total	52.03

East Lyme Sewer Department

Monthly Average Day Wastewater Flows (MGD)

Dec-21

		East Lyme Allocation (1.5 mgd)			State Allocation (0.478 mgd)					State	State	East Lyme	East Lyme
Year	Month	Niantic PS			DOC	Camp Nett	Rocky Neck	POW	Pine Grove	Allocation	Allocation	Allocation	Allocation
		Daily Avg	Daily Max	Daily Min	0.250	0.058	0.025	0.105	0.040	Total Used	Remaining	Used	Remaining
2021	January	0.938	1.125	0.814	0.114	0.011	0.000	0.009	0.040	0.174	0.304	1.243	0.257
	February	0.911	1.041	0.835	0.108	0.008	0.000	0.008	0.040	0.164	0.314	1.226	0.274
	March	0.886	1.062	0.724	0.100	0.004	0.000	0.010	0.040	0.154	0.324	1.210	0.290
	April	0.963	1.088	0.770	0.140	0.010	0.000	0.008	0.040	0.198	0.280	1.242	0.258
	May	0.952	1.120	0.794	0.126	0.004	0.000	0.017	0.040	0.187	0.291	1.243	0.257
	June	0.977	1.280	0.590	0.105	0.008	0.000	0.027	0.040	0.180	0.298	1.275	0.225
	July	1.048	1.291	0.650	0.115	0.013	0.000	0.038	0.040	0.207	0.271	1.319	0.181
	August	0.978	1.271	0.666	0.154	0.013	0.000	0.028	0.040	0.235	0.243	1.221	0.279
	September	1.051	1.664	0.856	0.126	0.006	0.000	0.032	0.040	0.204	0.274	1.325	0.175
	October	0.917	1.075	0.801	0.122	0.011	0.000	0.006	0.040	0.178	0.300	1.217	0.283
	November	0.937	1.250	0.814	0.181	0.009	0.000	0.007	0.040	0.238	0.240	1.178	0.322
	December	0.895	1.137	0.539	0.121	0.004	0.000	0.008	0.040	0.173	0.305	1.200	0.300
Annual Avg. (Jan - Dec)		0.955	1.200	0.738	0.126	0.008	0.000	0.017	0.040	0.189	0.289	1.242	0.258
Annual Average (10 years, 12 months)											1.137	0.363	