



# TOWN OF LEDYARD CONNECTICUT

741 Colonel Ledyard Highway  
Ledyard, Connecticut 06339

## Water Pollution Control Authority

### ~ AGENDA ~

Chairman  
Ed Lynch

Regular Meeting

Tuesday, September 24, 2024

6:30 PM

Council Chambers - Hybrid

#### REMOTE MEETING INFORMATION

**Zoom Meeting Link:**

<https://us06web.zoom.us/j/86096537198?pwd=adyke89WR7fYf0PMm8Pm4xV8YMEEnxi.1>

**Meeting ID: 860 9653 7198**

**Passcode: 290978**

**One tap mobile**

**+16465588656,,86096537198#,,,,\*290978# US (New York)**

**Dial by your location**

**+1 646 558 8656 US (New York)**

**I. CALL TO ORDER**

**II. ROLL CALL**

**III. APPOINTMENT OF ALTERNATES**

**IV. PLEDGE OF ALLEGIANCE**

**V. RESIDENTS & PROPERTY OWNERS COMMENTS**

1. Residents and Property Owners.

**VI. REVIEW AND APPROVAL OF MINUTES**

1. Motion to APPROVE Regular Meeting Minutes from August 27, 2024, as written.

**Attachments:** [WPCA minutes 8-27-24](#)

**VII. COMMUNICATIONS AND CORRESPONDENCE**

1. Operations Report.

**Attachments:** [8 - Ledyard Water Systems Report - 08-15 to 09-15-24](#)

2. Service Correspondence.

**Attachments:** [Sewer panel upgrade update](#)  
[ian\\_reply\\_end\\_end\\_report](#)

3. Aged Reports/Finance.

4. Year to Date Water/Sewer Report.
5. PSR - Steve Banks.

## VIII. OLD BUSINESS

1. Review of Trail/Sewer line continued - progress report.

**Attachments:** [image003](#)

[Gerber April Invoice](#)

[Gerber May Invoice](#)

[Ledyard Sewer - Route 117 7-25-24](#)

[Ledyard Sewer - Fairway 7-25-24](#)

[Town Council mtg minutes 9-11-24](#)

2. Lead Survey Review and Grant Submittal - update.

**Attachments:** [2024-5-10 Ledyard WPCA-LSL Inventory & Replacement Plan Screening Document 2024-04-24 195948](#)

[Ledyard Water System and Gales Ferry System\\_DWSRF Eligibility](#)

[Application](#)

[DPH\\_email](#)

3. Lakeside Association Agreement.  
Review any quote received to date.

**Attachments:** [Lakeside Association agreement 10-29-03](#)

4. 1026 Long Cove Road.

**Attachments:** [1026 Long Cove Road GU communication](#)

5. Any Other Old Business to Come Before the Commission.

## IX. NEW BUSINESS

1. Emergency Plan status from Groton Utilities.

**Attachments:** [Emergency WPCA plan 2024](#)

2. Department of Public Health Grant.

**Attachments:** [lead remedial grant](#)

3. New Gerber Installation estimate - Phase III.

4. Any Other New Business to Come Before the Commission.

Motion to APPROVE payment to Groton Utilities invoice #0024239, dated August 30, 2024, in the amount of \$5,441.62 for lead inventory.

**Attachments:** [GU Inv 24239](#)

Motion to APPROVE payment to Weston & Samson invoice #9240160, dated September

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17, 2024, in the amount of \$66,125.00 for Professional Services through August 23, 2024.

**Attachments:** [Project ENG21-0477 Package 000009240160 2024-09-19 15-39-04](#)

**X. ADJOURNMENT**

DISCLAIMER: Although we try to be timely and accurate these are not official records of the Town.



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0657

**Agenda Date:** 9/24/2024

**Agenda #:** 1.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Residents and Property Owners.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0811

**Agenda Date:** 9/24/2024

**Agenda #:** 1.

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## MINUTES

**Minutes:**

Motion to APPROVE Regular Meeting Minutes from August 27, 2024, as written.



# TOWN OF LEDYARD

741 Colonel Ledyard Highway  
Ledyard, Connecticut 06339

## Water Pollution Control Authority Meeting Minutes

Chairman  
Ed Lynch

### Regular Meeting

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**Tuesday, August 27, 2024**

**6:30 PM**

**Council Chambers - Hybrid**

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#### **I. CALL TO ORDER**

Chairman Lynch called the Regular meeting to order at 6:32 p.m.

#### **II. ROLL CALL**

- Present** Board Member Terry Jones  
Board Member Stanley Juber  
Board Member Monir Tewfik  
Board Member Edmond Lynch  
Alternate Member James A. Ball
- Excused** Board Member Sharon Wadecki
- Non-voting** Alternate Member Jeremy Norris  
Alternate Member Tony Capon

Also in attendance:  
Tina Daniels, Groton Utilities Customer Service General Manager.  
Sarah Lufler, Executive Director of Habitat for Humanity.

#### **III. APPOINTMENT OF ALTERNATES**

Jim Ball was appointed as a voting member for Sharon Wadecki.

#### **IV. PLEDGE OF ALLEGIANCE**

#### **V. RESIDENTS & PROPERTY OWNERS**

1. Residents and Property Owners.  
Norm Thibeault.

Mark Lopez, 1026 Long Cove Road addressed the WPCA regarding a large increase in his monthly water bill. Mr. Lopez stated that a normal monthly invoice from period January 23, 2024, until present averages under \$150.00 for 800 - 950 gallons, however his last billing statement was at \$1,251.22 for 83,650 gallons of usage which is equivalent to 16 swimming pools full of water. He called a plumber to perform an inspection who suggested that the meter was defective. He then called Groton Utilities and was told that "the problem fixed itself" and the usage was back to normal. Mr. Jones suggested it could have been a leaky toilet. Mr. Lopez, agreed and added that he had that problem in the past but this time he checked all the toilets and

found nothing suspicious. Mr. Jones asked how many toilets are in the building, Mr. Lopez answered there are five different offices in the building with one toilet in each office. Currently two offices are empty, and he has three tenants. Mr. Lopez has already paid the bill in its entirety. Chairman Lynch said that since Mauricio Duarte, Groton Utilities General Foreman Water Operations wasn't present, and the Authority has no information on the meter the conversation will need to be continued again during the September meeting. Chairman Lynch said that the Authority will investigate further and request that a logger is put on the meter. Mr. Lopez thanked the Authority and said that he would attend the September 24 meeting.

Norm Thibeault, Killingly Engineering Associates representing Acronom Masonry, Inc. presented a conceptual plan for a 600+ unit development in 17 buildings off Colonel Ledyard Highway, Iron Street, and Fairway Drive. Sal Monarca the owner of Acranom Masonry was also present. Mr. Thibeault said that Mr. Monarca purchased the former elementary school on Colonel Ledyard Highway. The commercial/retail portion of the building is complete. The remainder of the building will be converted to residences. There was a roadblock encountered because the new regulations state that both commercial and residential units can't be together in the same building, they either need to be in separate buildings or be located on separate floors of the building. Because there is no second floor in the former elementary school this was an issue. After several meetings it was decided to place a firewall between the commercial and residential units and this would satisfy the criteria. The current septic system in place has sufficient capacity for 12 residential units (one- and two-bedroom units). Mr. Thibeault shared a plan for a septic design that is currently under review by the Ledge Light Health District. The hope is to start the building construction and by the time the sewer hook up to sanitary is ready the septic system design will not be needed. Depending on what the Town could offer for sewer capacity on site treatment systems may need to be constructed. Chairman Lynch said a line has already been laid from Ledyard Center to the High School which will be expanded from the High School to Pennywise Lane in the fall (ready by the end of the year). Mr. Juber asked what the time frame would be for the full build. Mr. Thibeault said the seventeen buildings would be constructed on demand starting with building one and moving forward as needed. Chairman Lynch asked if sprinkler systems will be required in these buildings, Mr. Thibeault answered yes.

**VI. REVIEW AND APPROVAL OF MINUTES**

- 1. Motion to APPROVE Regular Meeting minutes from July 23, 2024, as written.

**RESULT:** APPROVED AND SO DECLARED

**MOVER:** Edmond Lynch

**SECONDER:** Stanley Juber

**AYE** 5 Jones Juber Tewfik Lynch Ball

**EXCUSED** 1 Wadecki

**VII. COMMUNICATIONS AND CORRESPONDENCE**

- 1. Operations Report.

Chairman Lynch said that there is a significant amount of water (6,000-7,000 gallons per day)

being used by the wastewater treatment facility that isn't being billed which is why the billable dollars doesn't match the amount of water being used per month. He added that in next year's budget a line item should be put in for water used by the wastewater facility. The impact of this usage needs to be understood, and the sewer rate may need to be adjusted.

Tina Daniels, Groton Utilities Customer Service General Manager was present to speak to the Authority about untracked water usage. Groton Utilities has "company use accounts" which are read, billed, closed then lastly written off. Ms. Daniels said that in the past month GU has looked at every customer that is not pulling a reading. She added that a lack of a reading doesn't necessarily mean there is something wrong with the meter, it could be a vacant or seasonal property. Ms. Daniels said that there are a few areas where water usage isn't being tracked such as the water treatment facility and the two hydro flushing areas (one near Holmberg's and the other near Avery Hill Road). Ms. Daniels said that she reviewed the past few months for these areas and found that 900,000 to 1.2 million gallons of water a month is not being accounted for but going through the meters. The water is being tracked from Groton Utilities but not on tracked on the Ledyard side, GU is starting to track those areas now. On average approximately 2-3 million gallons a month are not being billed. Ms. Daniels said GU is investigating all idiosyncrasies in billing and will provide reports to the WPCA.

Distribution system sample testing per CTDPH schedule (microbiological & physical analyses). All results met CTDPH standards.

Gales Ferry and Ledyard Center: All lead and copper results for spring 2024 were submitted to DPH. Both systems' 90th percentile values continue to be below the Action Level, so Ledyard Center and Gales Ferry continue to be in compliance with the Lead and Copper Rules. Routine flushing of specific hydrants and blow-offs is being conducted due to lower water age in both the Ledyard Center and Gales Ferry systems, as part of the effort to maintain the lowest THM levels possible in both systems. Third quarter THM/HAA5 samples were collected in July for Ledyard Center. Results indicate we are still in compliance with the Running Annual Average MCL. Gales Ferry third quarter samples will be collected in August as per each system's DPH schedule.

**RESULT:** DISCUSSED

2. Service Correspondence.  
Well Permit Exception - 1663 Center Groton Road.

The Department of Public health approved a well permit exception for 1663 Center Groton Road due to the construction difficulties associated with extending the water main line across from Route 117.

**RESULT:** DISCUSSED

3. Aged Reports/Finance.

Mr. Jones asked if the WPCA will receive a final report for fiscal year ending June 2024. Chairman Lynch will request one.



**ACTION ITEM:**

Ask Ian Stammel, Assistant Finance Director for a year-end report for FY2024.

**RESULT: DISCUSSED****4. Year to Date Water/Sewer Report.**

No comments.

**5. PSR - Steve Banks.**

The Rotary Drum Thickener panel replacement project has been approved through ARPA funding and parts have been ordered. The project should be completed by late fall.

A meeting was held with Weston & Samson to review specification plans for the sewer forced main extension from the High School to Pennywise Lane (in the Ledyard Highlands). This work will be completed soon. This document will be reviewed and approved by the Town and then sent to Gerber for the quote to complete the work.

Power line interruption has taken out two of our level transmitters. Replacements have been ordered.

The Influent auto sampler station is being relocated for better ease of replacing peristaltic pump suction tubing.

The State Department of Energy and Environmental Protection inspection was on July 7, 2024. Issues that were found have been addressed and reported back to DEEP.

**RESULT: DISCUSSED****VIII. OLD BUSINESS****1. Habitat for Humanity Proposal continued.**

Sarah Lufler, Executive Director of Habitat for Humanity introduced the concept plan for 40 Habitat for Humanity homes on Colby Drive during the April WPCA meeting. Ms. Lufler introduced Will Walter a Civil Engineer from Benesch who had some questions for the Authority regarding the proposed 27 buildings with approximately 38 units in total. There will be a combination of two-, three- and four-bedrooms units.

How does Habitat apply for a "will serve"? Chairman Lynch answered that he should send a letter to with the expected capacity and the WPCA will respond with a letter of whether that capacity could be handled or not.

What design flows does the WPCA require? Chairman Lynch answered "standard". He added that two designs will be required one for water and one for sewer.

What kind of main is on Colonel Ledyard Highway? It was answered a forced main. Chairman

Lynch said Habitat would tie into the forced main.

How to obtain an "as built" for water and sewer on Colonel Ledyard Highway? Chairman Lynch answered that he could send one for water now and one for sewer when it is completed.

Would Habitat or the WPCA own and operate the pump station? Chairman Lynch answered that the owner would be the WPCA because they would have to support the station when there are issues. It was explained that a letter of intent would need to be drafted.

Would there need to be an easement for the pump station? Chairman Lynch answered yes, the WPCA would need to be able to access the pump station.

Chairman Lynch asked what the goal start date is, Ms. Lufler answered that they are hoping for next Summer. Ms. Lufler thanked the WPCA for their time.

**RESULT:** DISCUSSED

2. Water Report Review continued.
3. Review of Trail/Sewer line continued - progress report.

Chairman Lynch said the Phase I line has been installed. The design for Phase III is ready and waiting for a final estimate. The length of the line will be longer than originally stated (around 5,000 instead of 3,300 feet). The line will be placed on top of the existing 2 1/2" line therefore the cost will be much less to install since there won't be any rocks or ledge to deal with. The line will be 6 inches in diameter instead of 5 inches, and it will be placed at a depth of 3.5 feet. The line will be very close to some stone walls, but Weston & Sampson believe they can get close to the walls without having to move to them.

The Authority discussed proceeding with the Weston and Sampson Engineering design of sewer mains along Route 117 Bid number 2021-03 Amendment 4, at a cost of \$137,500 depending on availability of funding and Fairway/Colby Drive Bid Number 2021-03 Amendment 3, at a cost of \$108,000 subject to availability of funds after funding Amendment 4.

Motion to recommend APPROVAL of the preliminary Weston and Sampson Amendment 4 Route 117 design subject to availability of funding.

**RESULT:** APPROVED AND SO DECLARED

**MOVER:** Edmond Lynch

**SECONDER:** Stanley Juber

**AYE** 5 Jones Juber Tewfik Lynch Ball

**EXCUSED** 1 Wadecki

Motion to recommend APPROVAL of the preliminary Weston and Sampson Amendment 3 Fairway Drive design subject to availability of funding after funding Amendment 4.

**RESULT:** APPROVED AND SO DECLARED

**MOVER:** Edmond Lynch

**SECONDER:** Stanley Juber

**AYE**                5    Jones Juber Tewfik Lynch Ball

**EXCUSED**        1    Wadecki

- 4. Lead Survey Review and Grant Submittal - update.

Chairman Lynch said the lead survey is continuing. No further updates.

- 5. Lakeside Association Agreement.  
Review any quote received to date.

Chairman Lynch will ask Steve Banks, WPCA Supervisor for an update.

**ACTION ITEM:**

Ask Steve Banks, WPCA Supervisor for an update on the Lakeside Association Agreement.

- 6. Rotary Drum Thickener Panel update.

The parts will take eight weeks to arrive.

- 7. Discuss Trail/Sewer line Phase II design.

Previously discussed in Old Business agenda item #3.

- 8. Any Other Old Business to Come Before the Commission.

None.

**IX. NEW BUSINESS**

- 1. Motion to APPROVE payment to Groton Utilities invoice #0024190, dated July 31, 2024, in the amount of \$1,201.86, for lead inventory.

**RESULT:**        APPROVED AND SO DECLARED

**MOVER:**         Edmond Lynch

**SECONDER:** Stanley Juber

**AYE**                5    Jones Juber Tewfik Lynch Ball

**EXCUSED**        1    Wadecki

- 2. Motion to APPROVE payment to Ti-Sales invoice INV0174094, dated August 12, 2024, in the amount of \$361.67 for Neptune meter purchase.

**RESULT:**        APPROVED AND SO DECLARED

**MOVER:**         Edmond Lynch

**SECONDER:** Stanley Juber

**AYE**                5    Jones Juber Tewfik Lynch Ball

**EXCUSED**        1    Wadecki

- 3. Any Other New Business to Come Before the Commission.

None.

**X. ADJOURNMENT**

Motion to ADJOURN the Regular Meeting at 7:45 p.m.

**RESULT:** APPROVED AND SO DECLARED

**MOVER:** Edmond Lynch

**SECONDER:** Stanley Juber

**AYE** 5 Jones Juber Tewfik Lynch Ball

**EXCUSED** 1 Wadecki

**DISCLAIMER:** Although we try to be timely and accurate these are not official records of the Town.



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0632

**Agenda Date:** 9/24/2024

**Agenda #:** 1.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

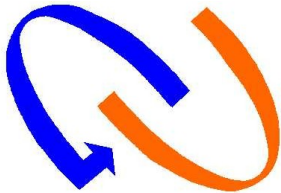
Operations Report.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# GROTON UTILITIES

**Subject: Ledyard Water Systems  
Monthly Report: August/September 2024**

**To:** Ed Lynch, WPCA Chairman  
**Cc:** Joseph Pratt, Manager Water & Wastewater

**From:** Mauricio Duarte

**Date:** September 17, 2024

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Water Operations and Maintenance Monthly Report and Updates for September 2024.

## **Operations:**

- Daily rounds of all systems
- Operation and maintenance
- Manage water storage tanks.

## **Laboratory:**

- Distribution system sample testing per CTDPH schedule (microbiological & physical analyses). All results met CTDPH standards.
- Submitted results of monthly microbiological & physical analyses to CTDPH via CMDP (Compliance Monitoring Data Portal) as required.
- Completed data entry and e-mailed all required monthly forms to CTDPH.
- Blending of raw water sources at the Groton WTP continues to reduce total organic carbon, thereby reducing the THMs leaving the WTP, and helping to reduce THMs in the Ledyard Center and Gales Ferry systems.
- Routine flushing of specific hydrants continues to be conducted to lower water age in both the Ledyard Center and Gales Ferry systems, as part of our efforts to maintain the lowest THM levels possible in both systems. This flushing will continue through October, until reduced water temperatures decrease the production of THMs in both water systems.

- The results of Q3 testing for THMs/HAA5s for Ledyard Center have been received, and the Running Annual Average is in compliance.
- In accordance with the CTDPH schedule, THM/HAA5 samples in the Gales Ferry system were collected and submitted to our contract lab for analysis. (Both the Ledyard Center and Gales Ferry systems are in Compliance with THM/HAA5 regulations).
- Fall 2024 collection of lead and copper samples has begun, starting in Ledyard Center; Gales Ferry will be next, once LC is completed.

### **Distribution:**

- Monitoring of the Ledyard Multi use bike path continues, as well as supporting the contractor with shut-offs or mark-outs needed to move the project along. Assisted with the relocation of hydrant #206 at Colonel Ledyard Highway.
- Conducted the monthly repairs of miscellaneous meter and ERT boxes. Completed trouble sheets for Ledyard and Gales Ferry. In the process of checking the system for leaks or unaccounted for usage.
- Last month GU scheduled a few shutdowns with all master meter users, to assure all bypass lines are holding shut. The shut down was conducted at their lowest usage, which was late at night.
- We are currently working on a quote for the install of a new master meter at 1761 Route 12.
- Working on hydrant repairs and the possible replacement of a few hydrants. These will take place in the coming weeks, in both the Gales Ferry and Ledyard Center areas.
- Assisted a customer on Fox Hollow Road with repairing a leak, on the customer owned portion of the water service. The water service had been leaking for some time before noticed by the customer.
- Changed and tested water meter at 1026 Long Cove Road, this was the high-water usage address. The reading device was also changed which will make it easier to track future usage.
- Day to day Call Before You Dig, as well as routine check-ins on tanks and pump stations.



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0630

**Agenda Date:** 9/24/2024

**Agenda #:** 2.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Service Correspondence.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



Stephen Banks

Brandon M <bmattis@oakhillcontrols.com>

Andy Sincali <andy.sincali@usautomationcorp.com>;

water pollution control authority

Brandon, Andy is coming here on Weds 9-25 to identify IP addresses for the new RDT panel that you requested. Also, we need to figure out why we lost the pump station information on our SCADA computer in my office.

Talk to you soon --- Steve B. (Ledyard WPCA)

From: Brandon M <bmattis@oakhillcontrols.com>

Sent: Friday, September 20, 2024 2:28 PM

To: Stephen Banks <wpca.supervisor@ledyardct.org>

Subject: Re: Ledyard RDT Panel

Steve

The panel is almost complete I still haven't seen ip addresses that I asked for.

Brandon Mattis

Oak Hill Controls

484-735-2608

From: Stephen Banks <wpca.supervisor@ledyardct.org>

Sent: Friday, September 20, 2024 2:02:17 PM

To: Brandon M <bmattis@oakhillcontrols.com>

Subject: Ledyard RDT Panel

Brandon, any update on how RDT panel work is progressing? Also, we need to migrate data from Smith & Loveless pump station panel to Office computer. Talk to you soon --- Steve B.

Ian Stammel

water pollution control authority;

Matthew Bonin

Stephen Banks

Hi Ed,

There are still a number of adjustments that still need to be done before I can provide year end reports. I believe all FY24 bills have been paid but the CNR contributions still need to be done, Sewer employee benefits need to be calculated and pulled out of the general fund and expensed in the sewer fund, and fixed assets need to be assessed so the annual depreciation amount can be booked just to name a few things. All of these should likely be completed by your October meeting and I can provide unaudited year end numbers then. Thanks for your patience. It is a very busy time of year.

Ian Stammel  
1506609469710\_PastedImage  
Assistant Finance Director, Town of Ledyard  
741 Colonel Ledyard Hwy.  
Ledyard, CT 06339  
(860) 464-3258  
[www.ledyardct.org](http://www.ledyardct.org)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0631

**Agenda Date:** 9/24/2024

**Agenda #:** 3.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Aged Reports/Finance.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0644

**Agenda Date:** 9/24/2024

**Agenda #:** 4.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Year to Date Water/Sewer Report.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0634

**Agenda Date:** 9/24/2024

**Agenda #:** 5.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

PSR - Steve Banks.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 23-2296

**Agenda Date:** 9/24/2024

**Agenda #:** 3.

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Review of Trail/Sewer line continued - progress report.

**Background:**

During the August 27, 2024, meeting the Authority discussed proceeding with the Weston and Sampson Engineering design of sewer mains along Route 117 Bid number 2021-03 Amendment 4, at a cost of \$137,500 depending on availability of funding and Fairway/Colby Drive Bid Number 2021-03 Amendment 3, at a cost of \$108,000 subject to availability of funds after funding Amendment 4.

The Authority made the following motions:

Motion to recommend APPROVAL of the preliminary Weston and Sampson Amendment 4 Route 117 design subject to availability of funding.

Motion to recommend APPROVAL of the preliminary Weston and Sampson Amendment 3 Fairway Drive design subject to availability of funding after funding Amendment 4.

During the Town Council meeting on September 11, 2024, the two recommendations were approved. See attached minutes.

**Department Comment/Recommendation:**

(type text here)

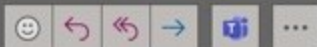
## RE: Ledyard Multiuse Pathway



Bateman, Patrick

To: DePalermo, Nicholas

Cc: Jermine, Matthew; Joyce, Michael



Tue 11:16 AM

Good morning Nick,

Reviewed the rock ex. in regards to the force main. Little different than our assumptions from the borings but the quantity is on par for where they are at and the remaining portion. So, looks acceptable to me.

Thanks,

**Patrick Bateman** (*he/him*)

Project Engineer  
Direct: 860-616-6615



Weston & Sampson (*We've Moved!*)  
712 Brook Street, Suite 103 | Rocky Hill, CT 06067  
Office: 860-513-1473  
Direct: 860-616-6615  
[westonandsampson.com](http://westonandsampson.com)

[Facebook](#) | [Twitter](#) | [LinkedIn](#)

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**From:** DePalermo, Nicholas <[DePalermoN@wseinc.com](mailto:DePalermoN@wseinc.com)>

**Sent:** Tuesday, May 21, 2024 10:53 AM

**To:** Bateman, Patrick <[BatemanP@wseinc.com](mailto:BatemanP@wseinc.com)>

**Cc:** Jermine, Matthew <[Jermine.Matthew@wseinc.com](mailto:Jermine.Matthew@wseinc.com)>; Joyce, Michael <[Joyce.Michael@wseinc.com](mailto:Joyce.Michael@wseinc.com)>

**Subject:** FW: Ledyard Multiuse Pathway

Hey Pat,

This rock ex is in relation to the force main... do you want to review for accuracy and to check that it matches your assumptions during design?

Thanks,

Nick

**Nicholas DePalermo, PE**

PROJECT MANAGER  
direct: 860-856-8966  
mobile: 860-395-9905

72 (OWNER): Town of Ledyard  
741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway  
24 Gallup Hill Rd  
Ledyard, CT 06339

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via (Architect/  
Engineer)

Application No: 3  
Invoice No: 3738  
Invoice Date: 4/30/2024  
Terms: Net 30  
Due Date: 5/30/2024  
Period To: 4/30/2024  
Project No: L071-0001  
Contract Date:

For:

Contract sum.....	3,023,168.30
Completed to date.....	329,960.51
Retainage.....	23,097.23
Total earned less retainage.....	306,863.28
Previous billings.....	175,986.39
Current payment due.....	130,876.89
Sales tax.....	0.00
Total due.....	130,876.89

Authorized to Pay

  
Signature

PO# 20242690 LN001 Date 6/25/24  
\$93,836.86

Authorized to Pay

\_\_\_\_\_  
Signature

PO# 20242690 LN002 Date \_\_\_\_\_  
\$37,040.03



523 OWNER: Town of Ledyard  
741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway  
24 Gallup Hill Rd  
Ledyard, CT 06339

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via (Architect/  
Engineer)

Application No: 3  
Invoice No: 3738  
Invoice Date: 4/30/2024  
Terms: Net 30

Due Date: 5/30/2024  
Period To: 4/30/2024  
Project No: L071-0001  
Contract Date:

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
1	Clearing and Grubbing	1 LS	55,896.76	55,896.76	0.95	53,101.92	50,307.08	2,794.84
2	Earth Excavation	2,410 CY	22.29	53,718.90	2,398.12	53,454.09	0.00	53,454.09
3	Rock Excavation	70 CY	86.55	6,058.50	0	0.00	0.00	0.00
4	Test Pit	2 EA	1,619.40	3,238.80	0	0.00	0.00	0.00
5	Removal of Concrete Sidewalk	40 SY	24.23	969.20	40	969.20	0.00	969.20
6	Cut Bituminous Concrete	3,300 LF	3.00	9,900.00	1,350	4,050.00	0.00	4,050.00
7	Removal of Bituminous Concrete	720 SY	7.60	5,472.00	132.75	1,008.90	0.00	1,008.90
8	Formation of Subgrade	6,520 SY	10.52	68,590.40	0	0.00	0.00	0.00
9	Subbase	280 CY	38.75	10,850.00	0	0.00	0.00	0.00
10	Granular Fill	3 CY	625.00	1,875.00	0	0.00	0.00	0.00
11	Sedimentation Control System	3,200 LF	5.03	16,096.00	3,220	16,196.60	0.00	16,196.60
12	Sedimentation Control System @ Catch Basin	21 EA	100.00	2,100.00	2	200.00	0.00	200.00
13	Rock in Drainage Trench Exc 0'-10' Deep	125 CY	172.17	21,521.25	0	0.00	0.00	0.00
14	Rock in Drainage Trench Exc 0'-20' Deep	5 CY	854.11	4,270.55	0	0.00	0.00	0.00
15	Processed Aggregate Base	1,200 CY	59.06	70,872.00	0	0.00	0.00	0.00
16	HMA S0.5	1,050 TON	158.00	165,900.00	0	0.00	0.00	0.00
17	HMA S0.375	840 TON	179.00	150,360.00	0	0.00	0.00	0.00
18	Material for Tack Coat	910 GAL	26.00	23,660.00	0	0.00	0.00	0.00
19	Milling of Bituminous Concrete (0"-6")	1,850 SY	16.08	29,748.00	0	0.00	0.00	0.00
20	Type 'C' Catch Basin	6 EA	2,883.55	17,301.30	0	0.00	0.00	0.00
21	Type 'C' Catch Basin Double Grate	1 EA	4,615.10	4,615.10	0	0.00	0.00	0.00
22	Type 2 0'-10' Deep	1 EA	5,216.25	5,216.25	0	0.00	0.00	0.00
23	Offset Type 'C' Catch Basin	1 EA	4,576.10	4,576.10	0	0.00	0.00	0.00
24	Type 'C-L' Catch Basin (4' Sump) 0'-10' Deep	1 EA	4,495.25	4,495.25	0	0.00	0.00	0.00
25	Manhole 0'-10' Deep	1 EA	13,965.60	13,965.60	0	0.00	0.00	0.00
26	Manhole 0'-20' Deep	1 EA	2,024.25	2,024.25	0	0.00	0.00	0.00
27	Reset Type 'C-L' Catch Basin	2 EA	2,024.25	4,048.50	0	0.00	0.00	0.00
28	Reset Manhole (Storm)	1 EA	2,835.34	2,835.34	0	0.00	0.00	0.00
29	Convert Catch Basin to Manhole	8 EA	1,249.70	9,997.60	0	0.00	0.00	0.00
30	Type 'C' Catch Basin Top	1 EA	1,249.70	1,249.70	0	0.00	0.00	0.00
31	Type 'C-L' Catch Basin Top	1 EA	10,246.82	10,246.82	0	0.00	0.00	0.00
32	Hydrodynamic Separator (Site No.1)	1 LS	7,949.40	7,949.40	0	0.00	0.00	0.00
33	Concrete Stairs	1 LS	7,949.40	7,949.40	0	0.00	0.00	0.00
	Concrete Pad	0.25 CY	8,787.40	2,196.85	0	0.00	0.00	0.00

92 OWNER: Town of Ledyard

741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway

24 Gallup Hill Rd  
Ledyard, CT 06339

Application No: 3

Invoice No: 3738

Invoice Date: 4/30/2024

Terms: Net 30

Due Date: 5/30/2024

Period To: 4/30/2024

Project No: L071-0001

Contract Date:

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via(Architect/  
Engineer)

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
34	Retaining Wall (Site No.1)	1 LS	70,177.12	70,177.12	0	0.00	0.00	0.00
35	Retaining Wall (Site No.2)	1 LS	15,899.05	15,899.05	0	0.00	0.00	0.00
36	Retaining Wall (Site No.3)	1 LS	15,104.05	15,104.05	0	0.00	0.00	0.00
37	Retaining Wall (Site No. 4)	1 LS	343,975.08	343,975.08	0	0.00	0.00	0.00
38	24" R.C. Pipe 0'-10' Deep	10 LF	211.60	2,116.00	0	0.00	0.00	0.00
39	12" R.C. Pipe (Class V) 0'-10' Deep	250 LF	49.62	12,405.00	0	0.00	0.00	0.00
40	15" R.C. Pipe (Class V) 0'-10' Deep	720 LF	48.09	34,624.80	0	0.00	0.00	0.00
41	12" High Density Polyethylene Pipe	525 LF	46.51	24,417.75	0	0.00	0.00	0.00
42	0'-10' Deep	600 LF	52.82	31,692.00	0	0.00	0.00	0.00
43	15" High Density Polyethylene Pipe	40 LF	87.28	3,491.20	0	0.00	0.00	0.00
44	0'-10' Deep	35 LF	179.90	6,296.50	0	0.00	0.00	0.00
45	18" High Density Polyethylene Pipe End	2 EA	1,138.67	2,277.34	0	0.00	0.00	0.00
46	Intermediate Riprap	8 CY	304.93	2,439.44	0	0.00	0.00	0.00
47	No. 3 Crushed Stone	135 CF	18.06	2,438.10	0	0.00	0.00	0.00
48	4" Underdrain	85 LF	39.74	3,377.90	0	0.00	0.00	0.00
49	Concrete Curbing	900 LF	46.90	42,210.00	0	0.00	0.00	0.00
50	Bituminous Concrete Lip Curbing	4,300 LF	7.50	32,250.00	0	0.00	0.00	0.00
51	Metal Beam Rail (R-B Mash)	870 LF	29.25	25,447.50	0	0.00	0.00	0.00
52	Metal Beam Rail (R-B Mash Quarter Post Spacing)	65 LF	95.00	6,175.00	0	0.00	0.00	0.00
53	R-B End Anchorage Type I	4 EA	2,500.00	10,000.00	0	0.00	0.00	0.00
54	R-B Anchorage Type II	6 EA	2,475.00	14,850.00	0	0.00	0.00	0.00
55	4' Polyvinyl Chloride Chain Link Fence	550 LF	45.50	25,025.00	0	0.00	0.00	0.00
56	Concrete Sidewalk	6,000 SF	14.28	85,680.00	0	0.00	0.00	0.00
57	Concrete Sidewalk Ramp	1,850 SF	17.10	31,635.00	0	0.00	0.00	0.00
58	Detectable Warning Strip	24 EA	302.23	7,253.52	0	0.00	0.00	0.00
59	Decorative Crosswalk	980 SF	50.00	49,000.00	0	0.00	0.00	0.00
60	Bituminous Concrete Driveway (Commercial)	185 SY	124.72	23,073.20	0	0.00	0.00	0.00
61	Bituminous Concrete Driveway	470 SY	80.81	37,980.70	0	0.00	0.00	0.00
62	Sweeping for Dust Control	120 HR	0.01	1.20	3	0.03	0.00	0.03
63	Calcium Chloride for Dust Control	3 TON	1,809.47	5,428.41	0	0.00	0.00	0.00
64	Water for Dust Control	410 M.GAL	2.34	959.40	0	0.00	0.00	0.00
65	Furnishing & Placing Topsoil	6,000 SY	10.47	62,820.00	0	0.00	0.00	0.00

OWNER: Town of Ledyard

741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway

24 Gallup Hill Rd  
Ledyard, CT 06339

Application No: 3

Invoice No: 3738

Invoice Date: 4/30/2024

Terms: Net 30

Due Date: 5/30/2024

Period To: 4/30/2024

Project No: L071-0001

Contract Date:

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via(Architect/  
Engineer)

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
66	Wildflower Establishment	1 LB	5,000.00	5,000.00	0	0.00	0.00	0.00
67	Bicycle Stand	10 EA	788.64	7,886.40	0	0.00	0.00	0.00
68	Furnishing, Planting & Mulching Trees, Shrubs, Vines & Groun	1 LS	10,000.00	10,000.00	0	0.00	0.00	0.00
69	Rain Garden	1 LS	14,762.06	14,762.06	0	0.00	0.00	0.00
70	Prunus Serrulata Kwanzan Cherry 1 1/2"-3" Cal BB	3 EA	2,500.00	7,500.00	0	0.00	0.00	0.00
71	Turf Establishment	6,000 SY	2.25	13,500.00	0	0.00	0.00	0.00
72	Construction Field Office- Medium	9 MO	4,155.63	37,400.67	1	4,155.63	0.00	4,155.63
73	Traffic Person (Municipal Police Officer)	1 EST	30,000.00	30,000.00	0	0.00	0.00	0.00
74	Traffic Person (Uniform Flagger)	480 HR	65.00	31,200.00	160	10,400.00	4,160.00	6,240.00
75	Maintenance & Protection of Traffic Mobilization & Project Close Out	1 LS	25,977.60	25,977.60	0.111	2,883.51	0.00	2,883.51
76	Traffic Cone	30 EA	433,000.00	433,000.00	0.30704	132,948.32	132,948.32	0.00
77	Traffic Drum	20 EA	50.00	1,500.00	30	1,500.00	0.00	1,500.00
78	Construction Surveying	1 LS	150.00	3,000.00	20	3,000.00	0.00	3,000.00
79	Bench	4 EA	35,000.00	35,000.00	0.111	3,885.00	0.00	3,885.00
80	Ornamental Light Bollard	6 EA	4,177.28	16,709.12	0	0.00	0.00	0.00
81	Roadway Luminaire- High Pressure Sodium (200 Watt)	6 EA	11,430.00	68,580.00	0	0.00	0.00	0.00
82	Reset Concrete Handhole Removal and/or Relocation of Traffic Signal Equipment	3 EA	2,740.00	8,220.00	0	0.00	0.00	0.00
83	Removal and/or Relocation of Traffic Signal Equipment	6 EA	1,274.55	7,647.30	0	0.00	0.00	0.00
84	LOT/CIP Project Sign	1 LS	4,700.00	4,700.00	0	0.00	0.00	0.00
85	Removal & Relocation of Existing Signs	1 LS	1,817.28	1,817.28	1	1,817.28	1,817.28	0.00
86	Sign Face-Sheet Aluminum (Type IV Retro Reflective Sheeting)	1 LS	2,661.52	2,661.52	0	0.00	0.00	0.00
87	Trail Head Sign	250 SF	62.19	15,547.50	0	0.00	0.00	0.00
88	4" White Epoxy Resin Pavement Markings	1 LS	10,000.00	10,000.00	0	0.00	0.00	0.00
89	4" Yellow Epoxy Resin Pavement Markings	800 LF	2.00	1,600.00	0	0.00	0.00	0.00
90	4" White Epoxy Resin Pavement Markings	350 LF	2.00	700.00	0	0.00	0.00	0.00
91	Epoxy Resin Pavement Markings, Symbols & Legends	1,675 SF	6.00	10,050.00	0	0.00	0.00	0.00
92	12" White Epoxy Resin Pavement Markings	100 LF	2.00	200.00	0	0.00	0.00	0.00

823WNER): Town of Ledyard

741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway  
24 Gallup Hill Rd  
Ledyard, CT 06339

Application No: 3  
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From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via(Architect/  
Engineer)

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
93	Construction Signs	300 SF	31.83	9,549.00	44	1,400.52	0.00	1,400.52
94	Adjust Gate Box (Water)	20 EA	184.93	3,698.60	0	0.00	0.00	0.00
95	Relocate Fire Hydrant	5 EA	3,838.80	19,194.00	0	0.00	0.00	0.00
97	Rock Excavation	580 CY	102.85	59,653.00	77.62	7,983.22	0.00	7,983.22
98	Test Pit	16 EA	1,088.03	17,408.48	2	2,176.06	0.00	2,176.06
99	Borrow	667 CY	38.75	25,846.25	568	22,010.00	0.00	22,010.00
100	4" High Density Polyethylene Pipe & Fittings	1,400 LF	34.45	48,230.00	0	0.00	0.00	0.00
101	5" High Density Polyethylene Pipe & Fittings	4,400 LF	36.03	158,532.00	0	0.00	0.00	0.00
102	Manhole ( Sanitary Sewer)	8 EA	6,820.23	54,561.84	1	6,820.23	0.00	6,820.23
				<u>3,023,168.30</u>		<u>329,960.51</u>	<u>189,232.68</u>	<u>140,727.83</u>

62 OWNER): Town of Ledyard

741 Colonel Ledyard Highway  
Ledyard, CT 06339

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Project: Ledyard Multi-use Pathway

24 Gallup Hill Rd  
Ledyard, CT 06339

Via(Architect/  
Engineer)

Application No: 4

Invoice No: 3743

Invoice Date: 5/31/2024

Terms: Net 30

Due Date: 6/30/2024

Period To: 5/31/2024

Project No: L071-0001

Contract Date:

For:

Contract sum.....	3,023,168.30
Completed to date.....	674,645.34
Retainage.....	33,732.27
Total earned less retainage.....	640,913.07
Previous billings.....	306,863.28
Current payment due.....	334,049.79
Sales tax.....	0.00
Total due.....	334,049.79

Authorized to Pay

  
Signature

PO# 20242690 LN001 Date 6/25/24  
\$213,518.92

Authorized to Pay

Signature

PO# 20242690 LN002 Date \_\_\_\_\_  
\$120,530.87

Project: Ledyard Multi-use Pathway  
 24 Gallup Hill Rd  
 Ledyard, CT 06339

From: Gerber Construction Co. Inc.  
 1 NUTMEG DRIVE  
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Via(Architect/  
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Application No: 4  
 Invoice No: 3743  
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No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
1	Clearing and Grubbing	1 LS	55,896.76	55,896.76	1.089	60,871.57	53,101.92	7,769.65
2	Earth Excavation	2,410 CY	22.29	53,718.90	2,398.12	53,454.09	53,454.09	0.00
3	Rock Excavation	70 CY	86.55	6,058.50	0	0.00	0.00	0.00
4	Test Pit	2 EA	1,619.40	3,238.80	2	3,238.80	0.00	3,238.80
5	Removal of Concrete Sidewalk	40 SY	24.23	969.20	40	969.20	969.20	0.00
6	Cut Bituminous Concrete	3,300 LF	3.00	9,900.00	1,350	4,050.00	4,050.00	0.00
7	Removal of Bituminous Concrete	720 SY	7.60	5,472.00	254.89	1,937.16	1,008.90	928.26
8	Formation of Subgrade	6,520 SY	10.52	68,590.40	0	0.00	0.00	0.00
9	Subbase	280 CY	38.75	10,850.00	0	0.00	0.00	0.00
10	Granular Fill	3 CY	625.00	1,875.00	0	0.00	0.00	0.00
11	Sedimentation Control System	3,200 LF	5.03	16,096.00	3,220	16,196.60	16,196.60	0.00
12	Sedimentation Control System @ Catch Basin	21 EA	100.00	2,100.00	12	1,200.00	200.00	1,000.00
13	Rock in Drainage Trench Exc 0'-10' Deep	125 CY	172.17	21,521.25	0	0.00	0.00	0.00
14	Rock in Drainage Trench Exc 0'-20' Deep	5 CY	854.11	4,270.55	0	0.00	0.00	0.00
15	Processed Aggregate Base	1,200 CY	59.06	70,872.00	0	0.00	0.00	0.00
16	HMA S0.5	1,050 TON	158.00	165,900.00	0	0.00	0.00	0.00
17	HMA S0.375	840 TON	179.00	150,360.00	0	0.00	0.00	0.00
18	Material for Trak Coat	910 GAL	26.00	23,660.00	0	0.00	0.00	0.00
19	Milling of Bituminous Concrete (0"-6")	1,850 SY	16.08	29,748.00	0	0.00	0.00	0.00
20	Type 'C' Catch Basin	6 EA	2,883.55	17,301.30	0	0.00	0.00	0.00
21	Type 'C' Catch Basin Double Grate	1 EA	4,615.10	4,615.10	0	0.00	0.00	0.00
22	Type 2 0'-10' Deep	1 EA	5,216.25	5,216.25	0	0.00	0.00	0.00
23	Offset Type 'C' Catch Basin	1 EA	4,576.10	4,576.10	0	0.00	0.00	0.00
24	Type 'C-L' Catch Basin (4' Sump)	1 EA	4,495.25	4,495.25	0	0.00	0.00	0.00
25	Manhole 0'-10' Deep	1 EA	13,965.60	13,965.60	0	0.00	0.00	0.00
26	Manhole 0'-20' Deep	1 EA	2,024.25	2,024.25	0	0.00	0.00	0.00
27	Reset Type 'C-L' Catch Basin	1 EA	2,024.25	2,024.25	0	0.00	0.00	0.00
28	Reset Manhole (Storm)	2 EA	4,048.50	4,048.50	0	0.00	0.00	0.00
29	Convert Catch Basin to Manhole	1 EA	2,835.34	2,835.34	0	0.00	0.00	0.00
30	Type 'C' Catch Basin Top	8 EA	9,997.60	9,997.60	0	0.00	0.00	0.00
31	Type 'C-L' Catch Basin Top	1 EA	1,249.70	1,249.70	0	0.00	0.00	0.00
32	Hydrodynamic Separator (Site No.1)	1 Ea	10,246.82	10,246.82	0	0.00	0.00	0.00
33	Concrete Stairs	1 LS	7,949.40	7,949.40	0	0.00	0.00	0.00
	Concrete Pad	0.25 CY	8,787.40	2,196.85	0	0.00	0.00	0.00

**OWNER):** Town of Ledyard  
 741 Colonel Ledyard Highway  
 Ledyard, CT 06339

**Project:** Ledyard Multi-use Pathway  
 24 Gallup Hill Rd  
 Ledyard, CT 06339

**From:** Garber Construction Co. Inc.  
 1 NUTMEG DRIVE  
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**Via(Architect/Engineer)**

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**Invoice No:** 3743  
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**Period To:** 5/31/2024  
**Project No:** L071-0001  
**Contract Date:**

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
34	Retaining Wall (Site No.1)	1 LS	70,177.12	70,177.12	0	0.00	0.00	0.00
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36	Retaining Wall (Site No.3)	1 LS	15,104.05	15,104.05	0	0.00	0.00	0.00
37	Retaining Wall (Site No. 4)	1 LS	343,975.08	343,975.08	0	0.00	0.00	0.00
38	24" R.C. Pipe 0'-10' Deep	10 LF	211.60	2,116.00	0	0.00	0.00	0.00
39	12" R.C. Pipe (Class V) 0'-10' Deep	250 LF	49.62	12,405.00	0	0.00	0.00	0.00
40	15" R.C. Pipe (Class V) 0'-10' Deep	720 LF	48.09	34,624.80	0	0.00	0.00	0.00
41	12" High Density Polyethylene Pipe	525 LF	46.51	24,417.75	0	0.00	0.00	0.00
42	15" High Density Polyethylene Pipe	600 LF	52.82	31,692.00	0	0.00	0.00	0.00
43	18" High Density Polyethylene Pipe	40 LF	87.28	3,491.20	0	0.00	0.00	0.00
44	18" High Density Polyethylene Pipe	35 LF	179.90	6,296.50	0	0.00	0.00	0.00
45	18" High Density Polyethylene Pipe End Intermediate Riprap	2 EA	1,138.67	2,277.34	0	0.00	0.00	0.00
46	No. 3 Crushed Stone	8 CY	304.93	2,439.44	0	0.00	0.00	0.00
47	4" Underdrain	135 CF	18.06	2,438.10	0	0.00	0.00	0.00
48	Concrete Curbing	85 LF	39.74	3,377.90	0	0.00	0.00	0.00
49	Bituminous Concrete Lip Curbing	900 LF	46.90	42,210.00	0	0.00	0.00	0.00
50	Metal Beam Rail (R-B Mash)	4,300 LF	7.50	32,250.00	0	0.00	0.00	0.00
51	Metal Beam Rail (R-B Mash Quarter Post Spacing)	870 LF	29.25	25,447.50	0	0.00	0.00	0.00
52	R-B End Anchorage Type I	65 LF	95.00	6,175.00	0	0.00	0.00	0.00
53	R-B Anchorage Type II	4 EA	2,500.00	10,000.00	0	0.00	0.00	0.00
54	4' Polyvinyl Chloride Chain Link Fence	6 EA	2,475.00	14,850.00	0	0.00	0.00	0.00
55	Concrete Sidewalk	550 LF	45.50	25,025.00	0	0.00	0.00	0.00
56	Concrete Sidewalk Ramp	6,000 SF	14.28	85,680.00	0	0.00	0.00	0.00
57	Detectable Warning Strip	1,850 SF	17.10	31,635.00	0	0.00	0.00	0.00
58	Decorative Crosswalk	24 EA	302.23	7,253.52	0	0.00	0.00	0.00
59	Bituminous Concrete Driveway (Commercial)	980 SF	50.00	49,000.00	0	0.00	0.00	0.00
60	Bituminous Concrete Driveway	185 SY	124.72	23,073.20	0	0.00	0.00	0.00
61	Sweeping for Dust Control	470 SY	80.81	37,980.70	0	0.00	0.00	0.00
62	Calcium Chloride for Dust Control	120 HR	0.01	1.20	12	0.12	0.03	0.09
63	Water for Dust Control	3 TON	1,809.47	5,428.41	0	0.00	0.00	0.00
64	Furnishing & Placing Topsoil	410 M.GAL	2.34	959.40	0	0.00	0.00	0.00
65		6,000 SY	10.47	62,820.00	0	0.00	0.00	0.00

OWNER): Town of Ledyard

741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway

24 Gallup Hill Rd  
Ledyard, CT 06339

Application No: 4

Invoice No: 3743

Invoice Date: 5/31/2024

Terms: Net 30

Due Date: 6/30/2024

Period To: 5/31/2024

Project No: L071-0001

Contract Date:

From: Garber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via(Architect/  
Engineer)

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
66	Wildflower Establishment	1 LB	5,000.00	5,000.00	0	0.00	0.00	0.00
67	Bicycle Stand	10 EA	788.64	7,886.40	0	0.00	0.00	0.00
68	Furnishing, Planting & Mulching Trees, Shrubs, Vines & Groun	1 LS	10,000.00	10,000.00	0	0.00	0.00	0.00
69	Rain Garden	1 LS	14,762.06	14,762.06	0	0.00	0.00	0.00
70	Prunus Serrulata Kwanzan Cherry 1 1/2"-3" Cal BB	3 EA	2,500.00	7,500.00	0	0.00	0.00	0.00
71	Turf Establishment	6,000 SY	2.25	13,500.00	0	0.00	0.00	0.00
72	Construction Field Office- Medium	9 MO	4,155.63	37,400.67	2	8,311.26	4,155.63	4,155.63
73	Traffic Person (Municipal Police Officer)	1 EST	30,000.00	30,000.00	0	0.00	0.00	0.00
74	Traffic Person (Uniform Flagger)	480 HR	65.00	31,200.00	408	26,520.00	10,400.00	16,120.00
75	Maintenance & Protection of Traffic	1 LS	25,977.60	25,977.60	0.222	5,767.03	2,883.51	2,883.52
76	Mobilization & Project Close Out	1 LS	433,000.00	433,000.00	0.7	303,100.00	132,948.32	170,151.68
77	Traffic Cone	30 EA	50.00	1,500.00	30	1,500.00	1,500.00	0.00
78	Traffic Drum	20 EA	150.00	3,000.00	20	3,000.00	3,000.00	0.00
79	Construction Surveying	1 LS	35,000.00	35,000.00	0.222	7,770.00	3,885.00	3,885.00
80	Bench	4 EA	4,177.28	16,709.12	0	0.00	0.00	0.00
81	Ornamental Light Bollard	6 EA	11,430.00	68,580.00	0	0.00	0.00	0.00
82	Roadway Luminaire- High Pressure Sodium (200 Watt)	3 EA	2,740.00	8,220.00	0	0.00	0.00	0.00
83	Reset Concrete Handhole	6 EA	1,274.55	7,647.30	0	0.00	0.00	0.00
84	Removal and/or Relocation of Traffic Signal Equipment	1 LS	4,700.00	4,700.00	0	0.00	0.00	0.00
85	LOT/CP Project Sign	1 LS	1,817.28	1,817.28	1	1,817.28	1,817.28	0.00
86	Removal & Relocation of Existing Signs	1 LS	2,661.52	2,661.52	0	0.00	0.00	0.00
87	Sign Face-Sheet Aluminum (Type IV Retro Reflective Sheeting)	250 SF	62.19	15,547.50	0	0.00	0.00	0.00
88	Trail Head Sign	1 LS	10,000.00	10,000.00	0	0.00	0.00	0.00
89	4" White Epoxy Resin Pavement Markings	800 LF	2.00	1,600.00	0	0.00	0.00	0.00
90	4" Yellow Epoxy Resin Pavement Markings	350 LF	2.00	700.00	0	0.00	0.00	0.00
91	Epoxy Resin Pavement Markings, Symbols & Legends	1,675 SF	6.00	10,050.00	0	0.00	0.00	0.00
92	12" White Epoxy Resin Pavement Markings	100 LF	2.00	200.00	0	0.00	0.00	0.00



741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project: Ledyard Multi-use Pathway  
24 Gallup Hill Rd  
Ledyard, CT 06339

Invoice No: 3743  
Invoice Date: 5/31/2024  
Terms: Net 30

From: Gerber Construction Co. Inc.  
1 NUTMEG DRIVE  
ELLINGTON, CT 06029  
(860) 875-6684

Via(Architect/  
Engineer)

Due Date: 6/30/2024  
Period To: 5/31/2024  
Project No: L071-0001  
Contract Date:

For:

No.	Description	Total Quantity	Unit Cost	Total Cost	Completed Units	Current Value	Prior Value	Due This Request
93	Construction Signs	300 SF	31.83	9,549.00	44	1,400.52	1,400.52	0.00
94	Adjust Gate Box (Water)	20 EA	184.93	3,698.60	0	0.00	0.00	0.00
95	Relocate Fire Hydrant	5 EA	3,838.80	19,194.00	2	7,677.60	0.00	7,677.60
97	Rock Excavation	580 CY	102.85	59,653.00	559.15	57,508.58	7,983.22	49,525.36
98	Test Pit	16 EA	1,088.03	17,408.48	2	2,176.06	2,176.06	0.00
99	Borrow	667 CY	38.75	25,846.25	779	30,186.25	22,010.00	8,176.25
100	4" High Density Polyethylene Pipe & Fittings	1,400 LF	34.45	48,230.00	1,414	48,712.30	0.00	48,712.30
101	5" High Density Polyethylene Pipe & Fittings	4,400 LF	36.03	158,532.00	0	0.00	0.00	0.00
102	Manhole ( Sanitary Sewer)	8 EA	6,820.23	54,561.84	4	27,280.92	6,820.23	20,460.69
				<u>3,023,168.30</u>		<u>674,645.34</u>	<u>329,960.51</u>	<u>344,684.83</u>

AMENDMENT NO. 4  
TO  
AGREEMENT FOR ENGINEERING SERVICES  
BY AND BETWEEN

TOWN OF LEDYARD, CONNECTICUT  
AND  
WESTON & SAMPSON ENGINEERS, INC.  
FOR

LEDYARD CENTER SEWER (BID #2021-03)

The AGREEMENT for Ledyard Center Sewer (Bid #2021-03) made on the April 22, 2021 by and between the Town of Ledyard, Connecticut acting through its Mayor, hereinafter called the OWNER, and Weston & Sampson Engineers, Inc., with offices at 712 Brook Street, Suite 103, Rocky Hill, Connecticut, hereinafter called the ENGINEER is hereby amended in accordance with the provisions of said AGREEMENT.

The engineering services in this task amendment consists of the design of a low-pressure sewer extension from Colonel Ledyard Highway, north along Route 117, terminating near the post office, as requested by the OWNER. This amendment is issued to incorporate the following changes:

ARTICLE 2 - SERVICES OF THE ENGINEER is hereby amended as follows:

Immediately following Article 2.22, add the following new subsections to the contract:

2.23. Soil Borings (Sewer on RT 117)

1. Up to 5 days of test probes and borings shall be provided, consisting of: 25@ 10-foot deep probes and 15@ 10-foot deep split spoon samples with blow counts – along the western edge of road in the easement of Route 117.
2. A ConnDOT encroachment permit is anticipated for this work – to be prepared by the drilling subcontractor.
3. One day to mark-out the proposed locations of the borings/probes for Call Before You Dig.
4. ENGINEER will be present during the subsurface exploration to record the encountered conditions. The soil boring logs will be prepared for inclusion into contract bid documents and for the use with the design.
5. A budget set aside of \$8,000 for traffic control (likely a ConnDOT requirement) that will be billed to the Town at the direct cost with no markup.

2.24. Surveying (Sewer on RT 117)

1. The survey will record topographic and planimetric information accessible utilities and current existing feature conditions within the project area. The existing condition survey within the limits identified above will locate the following:
  - a. Temporary benchmarks will be set at approximately 500 feet intervals on the site and will be included on the plan.

- b. Underground utilities with surficial structures (i.e., hydrants, manholes, grates, catch basins, hand holes, valve boxes, utility poles, transformers, and risers) for water, gas, sewer, drainage, electrical, telephone within the survey limits.
  - c. Measured inverts and pipe sizes will be recorded for storm and sanitary structures where possible.
2. Field survey presumptions regarding the scope and fee proposed herein include:
- a. ENGINEER reserves the right to negotiate extra work fees for effort that may be required to confirm specifics about boundary, easements, rights-of-way, elevation, or sub surface utilities that may arise from the client or client’s review of the initial map produced under the initial defined scope of services.
  - b. Real-time kinetic (RTK) GPS methods will be available to establish field control.
  - c. Traffic control (if necessary) to obtain invert data will be provided by the Town of Ledyard.
  - d. Water, storm, streetscape lighting, and sanitary as-built mapping will be provided by OWNER.
- 2.25. Sewer Route Design (Sewer on RT 117)
1. Develop plan and profile sewer design drawings from survey information. The design will extend:
    - a. A 4-inch HDPE low pressure sewer (LPS) along Route 117 from Colonel Ledyard Highway northerly,
    - b. A 3-inch LPS to the Town parcel driveway on the east,
    - c. A 2.5-inch LPS further north to the post office.
    - d. Note that the existing water main appears to be offroad along the east side of Route 117.
  2. Design will be prepared as a dedicated set of construction documents (plan set and technical specifications, but no front-end contract requirements), separate from the multi-use pathway project.
  3. Field Visit – Conduct a field visit to inspect the condition of the existing site features, review project area and potential utility conflicts, and prepare a photo log (as needed).
  4. Existing Data – Review existing data provided by the municipality and the utilities, including street line mapping, utility locations, construction and as-built plans of the roadway and existing sewer force main.
  5. Preliminary Design Plans – Prepare preliminary plans to consist of:
    - a. Cover Sheet (1 sheet)
    - b. Sedimentation and Erosion Control Plan (1 sheet)
    - c. Plan and Profiles (3 sheets)
    - d. Construction Detail Sheets (2 sheets)
    - e. CTDOT Standard Details (as needed)

6. Preliminary Design Submission – Assemble and submit all the plans and estimates generated during the Preliminary Design phase.
  7. Resolve Preliminary Design Comments – Attend one preliminary design review meeting to discuss and resolve questions or comments that arise. Identify permit requirements and make initial contact (as needed).
  8. Coordination For Property Rights – None anticipated.
  9. Drainage Analysis – None anticipated.
  10. Public Information Meeting – None anticipated.
  11. Quantity Estimate and Cost Estimate – Prepare an estimate of the quantities of all major items of construction. Develop an estimate of probable construction cost for the project based on the estimated quantities and unit prices.
  12. Technical Specifications – Reuse existing technical specifications that have been incorporated into the multiuse pathway construction project. A technical specification will be prepared for the odor control system.
  13. Final Design for Review – Assemble and submit the drawings, estimate, and technical specifications generated during final design.
  14. Final Submission – Package and submit certified plans, estimate, and technical specifications to the for administrative review.
- 2.26. Groton Utilities Review (Sewer on RT 117)
1. Submit progress design plans to utilities for review. Schedule and facilitate up to two on-site or virtual utility meetings.
  2. Identify potential conflicts and proposed test pit locations, if any, to be conducted by the contractor during construction.
  3. Address minor comments including coordination meetings with the utility.
- 2.27. DOT Permitting (Sewer on RT 117)
1. ConnDOT District Coordination – A future Encroachment Permit will be required by the Contractor for work to be performed within the State right of way. Early coordination with the District during design is recommended to limit future delays and design modifications by the future Contractor. Submit preliminary plans to District for review and coordination. Host up to three virtual utility coordination meetings to discuss comments.
  2. Coordinate with CTDEEP Wildlife. Prepare and provide to CTDEEP to review endangered species within the project site. Correspondence with CTDEEP to include recommendations.
  3. Preparation of an Archaeological Review for the State Historical Preservation Office is not included as part of this scope.
  4. Town/State permitting fees will be paid for directly by the Town.

ARTICLE 4 - TIME OF PROJECT is hereby amended as follows:

Append Article 4.1 to add the following:

The ENGINEER agrees to start the work of Task 2.23 thru 2.27 within 14 calendar days of authorization and complete the work within 180 calendar days thereafter (weather permitting).

ARTICLE 5 - PAYMENTS TO THE ENGINEER is hereby amended as follows:

A. Append to Table 5.1 with the following:

Table 5.1			
TASK	DESCRIPTION	FEE TYPE	FEE
2.23	Soil Borings (Sewer to RT 117)	Lump Sum	\$35,500
2.24	Surveying (Sewer to RT 117)	Lump Sum	\$22,000
2.25	Sewer Route Design (Sewer to RT 117)	Lump Sum	\$52,000
2.26	Groton Utilities Review (Sewer to RT 117)	Hourly	\$8,000
2.27	DOT Permitting (Sewer to RT 117)	Hourly	\$20,000
		INCREASE OF FEE:	\$ 137,500

B. Hourly tasks will be billed at employee hourly rate with 3.3 a multiplier.

AMENDMENT NO. 4  
TO  
AGREEMENT FOR ENGINEERING SERVICES  
BY AND BETWEEN

TOWN OF LEDYARD, CONNECTICUT  
AND  
WESTON & SAMPSON ENGINEERS, INC.  
FOR

LEDYARD CENTER SEWER (BID #2021-03)

IN WITNESS WHEREOF, the parties hereto have executed this AMENDMENT NO. 4  
this 26th day of July, 2024.

**ACCEPTED FOR:**

TOWN OF LEDYARD, CT

WESTON & SAMPSON ENGINEERS, INC.

By:

By:

\_\_\_\_\_  
*Signature*

  
\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Printed Name*

Robert Tedeschi, P.E. – Associate  
\_\_\_\_\_  
*Printed Name*

\_\_\_\_\_  
*Date*

7/26/2024  
\_\_\_\_\_  
*Date*

AMENDMENT NO. 3  
TO  
AGREEMENT FOR ENGINEERING SERVICES  
BY AND BETWEEN

TOWN OF LEDYARD, CONNECTICUT  
AND  
WESTON & SAMPSON ENGINEERS, INC.  
FOR

LEDYARD CENTER SEWER (BID #2021-03)

The AGREEMENT for Ledyard Center Sewer (Bid #2021-03) made on the April 22, 2021 by and between the Town of Ledyard, Connecticut acting through its Mayor, hereinafter called the OWNER, and Weston & Sampson Engineers, Inc., with offices at 712 Brook Street, Suite 103, Rocky Hill, Connecticut, hereinafter called the ENGINEER is hereby amended in accordance with the provisions of said AGREEMENT.

The engineering services in this task amendment consists of the design of a low-pressure sewer extension from Colonel Ledyard Highway, north Fairway Drive and then east along Colby Drive, as requested by the OWNER. This amendment is issued to incorporate the following changes:

ARTICLE 2 - SERVICES OF THE ENGINEER is hereby amended as follows:

Immediately following Article 2.16, add the following new subsections to the contract:

2.17. Wetland Delineation (Sewer on Fairway)

1. Wetland limits will be identified and flagged for used in determining work within the upland review area areas. Based on preliminary review, there is a small freshwater wetland area adjacent to Fairway Drive north of the fire station.
2. Specifically, the freshwater wetlands and watercourses will be delineated, and soil series will be identified for the limits identified above. The wetlands will be identified by Connecticut criteria. "Soil Taxonomy" (USDA Handbook 436, Rev 1999), NRCS Web Soil Survey and available maps will be used. Soil borings will be dug with a soil auger to a depth of 2 to 4 feet to conduct this study.
3. A field map showing approximate wetland flag locations will be prepared. A Wetlands Report will not be prepared for this project because construction disturbances will be located within the existing paved roadway.

2.18. Soil Borings (Sewer on Fairway)

1. Up to 5 days of test probes and borings shall be provided, consisting of: 25@ 10-foot deep probes, 12@ 10-foot deep split spoon samples with blow counts – along Fairway and Colby Drive.
2. One day to mark-out the proposed locations of the borings/probes for Call Before You Dig.

3. ENGINEER will be present during the subsurface exploration to record the encountered conditions. The soil boring logs will be prepared for inclusion into contract bid documents and for the use with the design.
4. Traffic control is not anticipated, but can be billed separately to the Town at the direct cost with no markup.

2.19. Surveying (Sewer on Fairway)

1. The survey will record topographic and planimetric information accessible utilities and current existing feature conditions. The existing condition survey within the limits identified above will locate the following.
2. Temporary benchmarks will be set at approximately 500 feet intervals on the site and will be included on the plan.
3. Underground utilities with surficial structures (i.e., hydrants, manholes, grates, catch basins, hand holes, valve boxes, utility poles, transformers, and risers) for water, gas, sewer, drainage, electrical, telephone within the survey limits.
4. Measured inverts and pipe sizes will be recorded for storm and sanitary structures where possible.
5. Field survey presumptions regarding the scope and fee proposed herein include:
  - a. ENGINEER reserves the right to negotiate extra work fees for effort that may be required to confirm specifics about boundary, easements, rights-of-way, elevation, or sub surface utilities that may arise from the client or client's review of the initial map produced under the initial defined scope of services.
  - b. Real-time kinetic (RTK) GPS methods will be available to establish field control.
  - c. Traffic control (if necessary) to obtain invert data will be provided by the Town of Ledyard
  - d. Water, storm, and sanitary as-built mapping will be provided by OWNER.

2.20. Sewer Route Design (Sewer on Fairway)

1. Develop plan and profile sewer design drawings along Fairway and Colby Drive from survey information. The design will extend a 4-inch HDPE low pressure sewer (LPS) along Fairway Drive and a 2.5-inch LPS along Colby Drive. Design will be prepared as a dedicated set of construction documents (plan set and technical specifications, but no front-end contract requirements) separate from the multi-use pathway project.
2. Field Visit – Conduct a field visit to inspect the condition of the existing site features, review project area and potential utility conflicts, and prepare a photo log (as needed).
3. Existing Data – Review existing data provided by the municipality and the utilities, including street line mapping, utility locations, construction and as-built plans of the roadway and existing sewer force main.
4. Preliminary Design Plans – Prepare preliminary plans to consist of:
  - a. Cover Sheet (1 sheet)
  - b. Sedimentation and Erosion Control Plan (1 sheet)
  - c. Plan and Profiles (2 sheets)



- d. Construction Detail Sheets (up to 3 sheets)
  - 5. Preliminary Design Submission – Assemble and submit all the plans and estimates generated during the Preliminary Design phase.
  - 6. Resolve Preliminary Design Comments – Attend one preliminary design review meeting to discuss and resolve questions or comments that arise. Identify permit requirements and make initial contact (as needed).
  - 7. Coordination For Property Rights – None anticipated
  - 8. Drainage Analysis – None anticipated.
  - 9. Public Information Meeting – None anticipated.
  - 10. Quantity Estimate and Cost Estimate – Prepare an estimate of the quantities of all major items of construction. Develop an estimate of probable construction cost for the project based on the estimated quantities and unit prices.
  - 11. Technical Specifications – Reuse existing technical specifications that have been incorporated into the multiuse pathway construction project. A technical specification will be prepared for the odor control system.
  - 12. Final Design for Review – Assemble and submit the drawings, estimate, and technical specifications generated during final design.
  - 13. Final Submission – Package and submit certified plans, estimate, and technical specifications to the for administrative review.
  - 14. CTDOT District Coordination – None anticipated.
- 2.21. SCWA Review (Sewer on Fairway)
- 1. Submit progress design plans to utilities for review. Schedule and facilitate up to one on-site or virtual utility meeting.
  - 2. Identify potential conflicts and proposed test pit locations, if any, to be conducted by the contractor during construction.
  - 3. Address minor comments including coordination meetings with the utility.
- 2.22. Permitting (Sewer on Fairway)
- 1. Prepare and submit local inland wetland permit and prepare demonstration material and present project at up to two in-person commission meetings to present the project. The proposed pipe alignment along Fairway Drive (under the existing paved roadway) will be within the upland review area of adjacent wetlands.
  - 2. Coordinate with CTDEEP Wildlife. Prepare and provide to CTDEEP to review endangered species within the project site. Correspondence with CTDEEP to include recommendations.
  - 3. Preparation of an Archaeological Review for the State Historical Preservation Office is not included as part of this scope.
  - 4. Town/State permitting fees will be paid for directly by the Town.

ARTICLE 4 - TIME OF PROJECT is hereby amended as follows:

Append Article 4.1 to add the following:

The ENGINEER agrees to start the work of Task 2.17 thru 2.22 within 14 calendar days of authorization and complete the work within 150 calendar days thereafter (weather permitting).

ARTICLE 5 - PAYMENTS TO THE ENGINEER is hereby amended as follows:

A. Append to Table 5.1 with the following:

Table 5.1			
TASK	DESCRIPTION	FEE TYPE	FEE
2.17	Wetland Delineation (Sewer to Fairway)	Lump Sum	\$6,000
2.18	Soil Borings (Sewer to Fairway)	Lump Sum	\$22,000
2.19	Surveying (Sewer to Fairway)	Lump Sum	\$21,000
2.20	Sewer Route Design (Sewer to Fairway)	Lump Sum	\$39,000
2.21	SCWA Utility Review (Sewer to Fairway)	Hourly	\$8,000
2.22	Permitting (Sewer to Fairway)	Hourly	\$12,000
		INCREASE OF FEE:	\$ 108,000

B. Hourly tasks will be billed at employee hourly rate with 3.3 a multiplier.

AMENDMENT NO. 3  
TO  
AGREEMENT FOR ENGINEERING SERVICES  
BY AND BETWEEN

TOWN OF LEDYARD, CONNECTICUT  
AND  
WESTON & SAMPSON ENGINEERS, INC.  
FOR

LEDYARD CENTER SEWER (BID #2021-03)

IN WITNESS WHEREOF, the parties hereto have executed this AMENDMENT NO. 3  
this 26th day of July, 2024.

**ACCEPTED FOR:**

TOWN OF LEDYARD, CT

WESTON & SAMPSON ENGINEERS, INC.

By:

By:

\_\_\_\_\_  
*Signature*

  
\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Printed Name*

Robert Tedeschi, P.E. – Associate  
\_\_\_\_\_  
*Printed Name*

\_\_\_\_\_  
*Date*

7/26/2024  
\_\_\_\_\_  
*Date*



# TOWN OF LEDYARD

741 Colonel Ledyard Highway  
Ledyard, Connecticut 06339-1551  
(860) 464-3203  
council@ledyardct.org

## Town Council Meeting Minutes

Chairman S. Naomi  
Rodriguez

### Regular Meeting

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Wednesday, September 11, 2024

7:00 PM

Town Hall Council Chambers

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**In-Person: Council Chambers Town Hall Annex**

**Remote: Information noted below:**

**Join Zoom Meeting from your Computer, Smart Phone or Tablet:**

**<https://us06web.zoom.us/j/81701443760?pwd=Q4SesqG3iMaF8UU9JiDlwBbenFfsce.1>**

**Audio Only: Telephone: +1 646 558 8656; Meeting ID: 817 0144 3760; Passcode: 196242**

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

**Present:** Councilor April Brunelle  
Councilor Jessica Buhle  
Councilor Kevin Dombrowski  
Councilor Carmen Garcia-Irizarry  
Councilor Gary Paul  
Chairman S. Naomi Rodriguez  
Councilor Tony Saccone  
Councilor Gary St. Vil

**Excused:** Councilor Tim Ryan

IV. PRESENTATIONS

V. RESIDENT & PROPERTY OWNERS (COMMENTS LIMITED TO THREE (3) MINUTES)

VI. COMMITTEE COMMISSION AND BOARD REPORTS

VII. COMMENTS OF TOWN COUNCILORS

VIII. REVIEW AND APPROVAL OF MINUTES

MOTION to approve the following Town Council Minutes:

- Special Meeting of August 14, 2024
- Regular Meeting Minutes of August 14, 2024
- Special Meeting Minutes of September 4, 2024

**RESULT:** APPROVED AND SO DECLARED

IX. COMMUNICATIONS

Communications List - September 11, 2024

X. REFERRALS

XI. COUNCIL SUB COMMITTEE, LIAISON REPORTS

1. Administration Committee
2. Community Relations Committee for Diversity, Equity, & Inclusion
3. Finance Committee
4. Land Use/Planning/Public Works Committee

5. Liaison Reports

XII. REPORT OF THE MAYOR:

XIII. OLD BUSINESS

Finance Committee

1. MOTION to authorize the town to proceed with the engineering design of sewer mains along Fairway/Colby Drives (\$108,000) and Route 117 (\$137,500), respectively, per Weston & Sampson Engineers, Inc. Bid No. 2021-03 Amendments 3 and 4.

In addition, transfer and appropriate ARPA and/or other funding in the total amount of \$245,500 from Account # 0210-10-1210-12101-58915 (CNR Undesignated) for said purpose.

**RESULT:** APPROVED AND SO DECLARED

XIV. NEW BUSINESS

Finance Committee

1. MOTION to approve a special appropriation in the amount of \$75,000 from Undesignated Fund Balance to Land Use Professional/Tech Services account # 10114301-53300 in order engage project specific consultants to support the Land Use Department for the remainder of the fiscal year (2024/2025).

**RESULT:** APPROVED AND SO DECLARED

2. MOTION to approve a tax refund to June Munch, 119 Whalehead Rd., Gales Ferry, CT 06335 in the amount of \$3,817.82.

**RESULT:** APPROVED AND SO DECLARED

Discuss Board of Education Chairman Anthony Favry’s September 10, 2024 email requesting the Town Council conduct a comprehensive infrastructure study to include Ledyard school facilities.

Discussed and referred to the Finance Committee.

**RESULT:** CONTINUE

XV. ADJOURNMENT

Councilor Buhle moved to adjourn, seconded by Councilor Brunelle.

**VOTE: 7 - 0 Approved and so declared.** The meeting adjourned at 8:38 p.m.

**DISCLAIMER:**

Although we try to be timely and accurate these are not official records of the Town.

The Town Council's Official Agenda and final Minutes will be on file in the Town Clerk's Office.



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0442

**Agenda Date:** 9/24/2024

**Agenda #:** 2.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Lead Survey Review and Grant Submittal - update.

**Background:**

From the July 23, 2024, meeting:  
Groton Utilities is still proceeding with the survey.

**Department Comment/Recommendation:**

(type text here)

# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

Manisha Juthani, MD  
Commissioner



Ned Lamont  
Governor  
Susan Bysiewicz  
Lt. Governor

### Drinking Water Section

May 10, 2024

Mr. Ed Lynch, PE  
WPCA Chair  
Ledyard WPCA  
295 Meridian Street  
Groton, CT 06340

PWS Name: Ledyard WPCA – Ledyard Center and Gales Ferry System  
PWSID: CT0727091 & CT0727051  
Town: Ledyard  
Project: LCRR Compliance - LSL Inventory & Replacement Plan

Subject: Drinking Water State Revolving Fund (DWSRF) – SFY 2025 Eligibility  
Application Initial Screening

Dear Mr. Lynch:

The Department of Public Health (DPH), Drinking Water Section (DWS) has received the above-referenced application during the State Fiscal Year (SFY) 2025 Call for Projects. DPH has conducted an initial screening of your submitted application to ensure all information has been provided as indicated on the [Eligibility Application Instructions for SFY 2025](#). A complete eligibility application is required to ensure the project is reviewed appropriately for eligibility, readiness for funding and priority ranking.

At this time, your application is incomplete. The following items were not provided and/or need additional information:

1. On page 3 of the Eligibility Application under Project Benefits and Area of Impact section, the scaled maps submitted with the eligibility application do not clearly show the delineation of the boundaries of the areas served by the individual water systems (Ledyard WPCA-Ledyard center and Ledyard WPCA-Gales Ferry Systems). In addition, the census tract map submitted shows that each water system/project provides direct impact to one census track



Phone: (860) 509-7101 • Fax: (860) 509-7111  
Telecommunications Relay Service 7-1-1  
410 Capitol Avenue, P.O. Box 340308  
Hartford, Connecticut 06134-0308  
[www.ct.gov/dph](http://www.ct.gov/dph)



*Affirmative Action/Equal Opportunity Employer*



only. Please check the link below and list the census tract identification numbers of the **entire** service area that the proposed project of each water system will provide benefits to the public.


<https://portal.ct.gov/dph/Drinking-Water/DWS/Drinking-Water-State-Revolving-Fund-Program>

2. On page 4 of the Eligibility Application under Project Readiness Information section, the anticipated date of the completion for planning-Lead Service Line Inventory was not identified. Based on the information identified in the project description, this project also includes the preparation of a Lead Service Line Replacement (LSLR) plan. If Ledyard wishes to seek DWSRF funding for LSLR, the amount needed for completion of the plan should be included in the project costs on page 2 under the final design phase. Then, provide the anticipated completion date of the LSLR Plan.

During this initial screening, all applicants have an opportunity to provide missing information within a 48-hour period. Please provide the above-listed items via email to [DPH.DWSRF@ct.gov](mailto:DPH.DWSRF@ct.gov) by **Tuesday, May 14, 2024**. If we do not receive the items requested by May 14<sup>th</sup>, your application will be considered incomplete and may be considered ineligible for SFY 2025 DWSRF funding. DPH will review all submitted additional information and may contact you for further clarification as we conduct our ranking evaluation of your project.

If you have any questions, I can be reached at (860) 936 - 1326 or by email at [raul.tejada@ct.gov](mailto:raul.tejada@ct.gov). Thank you for your interest in the DWSRF program.

Sincerely,



Raul Tejada  
Environmental Engineer 3  
Drinking Water Section

State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund – Project Eligibility Application

SIGNATORY SHEET

PLEASE SIGN AND DATE THE FOLLOWING STATEMENT:

As the duly authorized representative of the applicant, I understand that in evaluating this application, the State of Connecticut has relied upon the information provided to evaluate the enclosed project proposal. If such information subsequently proves to be incomplete, inaccurate, false and/or deceptive, this application may be modified, suspended or revoked.

Further, I understand that this application may also be suspended or revoked if it is found that any conditions(s) set forth by the State of Connecticut have been violated or if such an action is necessary to maintain the purity or adequacy of the water supply or public health.

I hereby agree to comply with all applicable requirements of other State and Federal laws, Executive Orders, regulations and policies governing this program and am fully aware that any modifications to the proposed project plan once it has been approved and priority ranked may significantly affect our eligibility ranking and/or opportunity to secure DWSRF financing.

I understand that this application (including any attachments thereto) and any other documents, records or information that I submit to the State of Connecticut in connection with the DWSRF program shall be public records, except as otherwise provided by any federal law or state statute. I further understand that third parties may have access to such public records as required under the Connecticut Freedom of Information Act, Connecticut General Statutes, Section 1-7 through Section 1-211, as amended.

**I understand that entering into any contracts or agreements for this project without receiving prior written approval from the Department may prevent a particular service from being funded by the DWSRF.**

I understand that this is not an application for a loan, but only to provide information to enable the Department of Public Health to evaluate the project for funding eligibility under the DWSRF program. Submittal of this application is necessary in order to be eligible for a loan.



Signature of Authorized Representative  
of Public Water System (PWS)

4/24/2024  
Date

Ed LYNCH

Print Name of Person Signing

Chair Person, Ledyard WPCA

Print Title of Person Signing

**State Fiscal Year 2025**

Public Water System (PWS) Name \_\_\_\_\_

PWSID (CTXXXXXXX) \_\_\_\_\_

**State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund (DWSRF) – Project Eligibility Application**

**Please note this is not an application for a loan.**

<b>Name/title of the project:</b>	
<b>Full Legal Name of Loan Recipient (if different from PWS name)</b>	<b>Unique Entity ID (via <a href="https://sam.gov">SAM.gov</a>)</b>
	<b>Federal Employer ID Number (FEIN)</b>
<b>Authorized PWS Representative</b>	
Name:	Title:
Mailing Address:	
Phone (w/ ext.):	Cell:
Email:	
<b>Project Contact Person (If different than the Authorized Representative)</b>	
Name:	Title:
Mailing Address:	
Phone (w/ ext.):	Cell:
Email:	

**WATER SYSTEM TYPE AND SERVICING**

System Type: <input type="checkbox"/> Community PWS <input type="checkbox"/> Non-Profit Non-Community PWS <input type="checkbox"/> Other (explain)
Is this PWS a Not-for-Profit water company? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, attach the completed <a href="#">form</a>
Is this a municipality-owned PWS? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, is the <a href="#">Municipal Plan of Conservation and Development</a> current? <input type="checkbox"/> Yes <input type="checkbox"/> No
Total population served by water system: _____
Population to be served by the affected area of the proposed project (see instructions): _____
Total number of service connections supplied by the water system: _____
Number of service connections supplied by the affected area of the proposed project (see instructions): _____
Will this project provide water service to additional service connections not already being supplied by this PWS? <input type="checkbox"/> Yes (answer questions below) <input type="checkbox"/> No (move on to PURA question)
a) Will this project consolidate or interconnect an existing PWS? <input type="checkbox"/> Yes (complete <a href="#">Public Water System Consolidation Form</a> ) <input type="checkbox"/> No
b) Will this project serve homes with private wells that have water quality (approach/exceed MCL or Action Level) or quantity issues? <input type="checkbox"/> Yes (complete <a href="#">Private Well Consolidation Form</a> ) <input type="checkbox"/> No
c) Other situation not covered by a) or b): <input type="checkbox"/> Yes (please attach explanation) <input type="checkbox"/> No
Is the PWS regulated by the DEEP Public Utilities Regulatory Authority (PURA)? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please note that you may be required to submit the appropriate financial and Construction Work in Progress (CWIP) documentation prior to a funding award.

Public Water System (PWS) Name

PWSID (CTXXXXXXX)

State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund – Project Eligibility Application

PROJECT COSTS - AMOUNT OF DWSRF REQUEST

Estimated Total project cost:	\$
Estimated Total amount requested from DWSRF:	\$
Estimated amount from other sources:	\$

Identify other funding sources:

Basis of Estimate:

Breakdown of DWSRF request: (check all that apply)	Anticipated Procurement Date (month & year)	Anticipated Contract Execution Date (month & year)	Estimated Amount from DWSRF
<input type="checkbox"/> Feasibility Study/Preliminary Engineering or Other Planning			\$
<input type="checkbox"/> Final Design			\$
<input type="checkbox"/> Construction			\$

Does this amount include:  
(check all that apply)

- Construction Oversight       Easement  
 Closing Costs                       Contingencies

Have you retained an engineering firm or consultant for any work associated with this project? If yes, list services:  Yes  No

**Any contract executed without prior DPH approval is not eligible for DWSRF funding.**

PROJECT DESCRIPTION

Provide a brief description (summary) of your project. Also explain the impact this project will have on the water system. If possible, please include an approximate age of the current infrastructure in your description. (Attach a separate sheet if necessary):

Public Water System (PWS) Name

PWSID (CTXXXXXXX)

**State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund – Project Eligibility Application**

**PROJECT LOCATION & ENVIRONMENTAL CONSIDERATIONS**

Please identify the physical location or address of the project. **Attach a scaled map showing the project location, and other pertinent environmental information (i.e. Flood ways, 100 and 500 year flood areas, DEEP's Natural Diversity Database, etc.)** If available, please provide the GPS coordinates of the project location. For a water main, provide the start and end points.

Identify any known potential obstacles that could prevent or delay this project from moving forward, including environmental considerations.

**PROJECT BENEFITS AND AREA OF IMPACT**

Attach a scaled map to show the water service area served by the PWS that will be directly impacted by the water system improvement proposed in this project application (i.e. service areas, street maps, etc.).

Attach a map showing the census tracts that the project area impacts using the US Census Bureau's American Community Survey 5-Year Estimate for the years 2015-2019. List the census tract identification numbers. [The Disadvantaged Community Index GIS mapping tool is available on the DWSRF website.](#)

These maps and information will be used by the DWSRF program to verify the project's qualification for the Disadvantaged Community Assistance Program (DCAP) as identified in the current DWSRF Annual Intended Use Plan.

Describe the public health and environmental benefits that would be achieved with this project. (attach a separate sheet if necessary).

**ASSET AND FISCAL MANAGEMENT PLANS**

Public Act No. 18-168 §61 requires Asset and Fiscal Management Plans for small community water systems. These plans must be in place by January 1, 2021. Refer to Circular Letter 2019-01 and the Capacity Development web-page for more information. These plans are recommended for all community water systems.

In order for a small water system to be eligible for federal subsidy with a DWSRF loan, the system must have an Asset Management Plan currently in place or agree to submit one to the DPH prior to entering into a loan agreement.

Does this public water system have an Asset Management Plan?     Yes     No    Anticipated date: \_\_\_\_\_

Does this public water system have a Fiscal Management Plan?     Yes     No    Anticipated date: \_\_\_\_\_

Public Water System (PWS) Name \_\_\_\_\_

PWSID (CTXXXXXXX) \_\_\_\_\_

**State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund – Project Eligibility Application**

**PROJECT READINESS INFORMATION**

Only those elements (planning, design, construction) of eligible projects that can result in executed contracts and DWSRF loan agreements within a state fiscal year funding cycle may receive funding. Elements of eligible projects that cannot result in executed contracts and DWSRF loan agreements will be eligible to receive funding in future funding cycles. **This section must be completed in order for the DPH to determine those elements of a project that can be funded during this funding cycle.**

**PROJECT READINESS**

Indicate type(s) of local funding authorization(s) (i.e. town council, referendum, local board, etc.) necessary for this project:

Provide a list showing any that have been obtained with the date, and those that still need to be obtained and the date those are expected to be obtained.

What phase(s) of the project do these local funding authorization(s) cover? (check all that apply)

Planning     Design     Construction

Has a Preliminary Engineering Report, or equivalent project planning report, been prepared for this project?

Yes    Date report was completed: \_\_\_\_\_ . (Submit report with this EA)

No    Anticipated date the report will be completed: \_\_\_\_\_ .

Is the final design of the project complete?

Yes    Date final design was completed: \_\_\_\_\_ . (Attach final design to this EA)

No    Anticipated date the design will be completed: \_\_\_\_\_ .

Have bid specifications been prepared for this project?

Yes (Submit DWSRF Pre-Bid Checklist with bid specifications)

Anticipated date it will be ready for competitive bidding: \_\_\_\_\_ .

No    Anticipated date bid specifications will be available: \_\_\_\_\_ .

Have all sites, easements or rights-of-way necessary to assure undisturbed construction and operation and maintenance of the proposed project been acquired?

Yes    Submit a list of those sites, easements and rights-of-way.

No    Submit a list of those sites, easements, or rights-of-way that are necessary, their status, and when they are anticipated to be acquired.

Not determined yet.

Has the project obtained **all** required local approvals to proceed (e.g. planning & zoning, inland wetlands, etc.)?

Yes    Submit a list of all necessary local approvals and/or permits for this project, the local issuing entity, and date at which the approval or permit was obtained.

No    Submit a list of all necessary local permits or approvals for this project, the local issuing entity, their status and when they are anticipated to be acquired.

Not determined yet

Has the project obtained **all** State permits or approvals needed for this project (i.e. DEEP diversion permits, DOT permits, DPH change of use permits, etc.)? **\*\* See note below \*\***

Yes    Submit a list of all necessary state agency approvals and/or permits for this project, the state issuing entity, and date at which the approval or permit was obtained.

No    Submit a list of all necessary state agency approvals and/or permits for this project, the state issuing entity and a status for each

Not determined yet

What is the anticipated start date for construction of this project? \_\_\_\_\_ .

**Please ensure that time to obtain all authorization and approvals noted above, along with necessary DWSRF Program approvals, has been taken into consideration in determining this anticipated date.**

**NOTE:** For purposes of answering the question regarding permits, state permits include permits issued by the DPH (i.e. Sale of Excess Water, Water Company Land, etc.); however, state approvals DO NOT include any approvals that are associated with the DPH DWSRF review process (technical project review & approval, pre-bid document review & approval, authorization to award contract).

**State of Connecticut – Department of Public Health  
Drinking Water State Revolving Fund – Project Eligibility Application**

**SIGNATORY SHEET**

PLEASE SIGN AND DATE THE FOLLOWING STATEMENT:

As the duly authorized representative of the applicant, I understand that in evaluating this application, the State of Connecticut has relied upon the information provided to evaluate the enclosed project proposal. If such information subsequently proves to be incomplete, inaccurate, false and/or deceptive, this application may be modified, suspended or revoked.

Further, I understand that this application may also be suspended or revoked if it is found that any conditions(s) set forth by the State of Connecticut have been violated or if such an action is necessary to maintain the purity or adequacy of the water supply or public health.

I hereby agree to comply with all applicable requirements of other State and Federal laws, Executive Orders, regulations and policies governing this program and am fully aware that any modifications to the proposed project plan once it has been approved and priority ranked may significantly affect our eligibility ranking and/or opportunity to secure DWSRF financing.

I understand that this application (including any attachments thereto) and any other documents, records or information that I submit to the State of Connecticut in connection with the DWSRF program shall be public records, except as otherwise provided by any federal law or state statute. I further understand that third parties may have access to such public records as required under the Connecticut Freedom of Information Act, Connecticut General Statutes, Section 1-7 through Section 1-211, as amended.

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I understand that this is not an application for a loan, but only to provide information to enable the Department of Public Health to evaluate the project for funding eligibility under the DWSRF program. Submittal of this application is necessary in order to be eligible for a loan.

\_\_\_\_\_  
Signature of Authorized Representative  
of Public Water System (PWS)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name of Person Signing

\_\_\_\_\_  
Print Title of Person Signing

# Appendices

**Appendix A. FEMA 100-Year Flood Plain Map**

**Appendix B. DEEP Natural Diversity Data Base Area Map**

**Appendix C. Ledyard Center System Project Map**

**Appendix D. Gales Ferry System Project Map**

**Appendix E. Disadvantaged Community Index Census Tract Map**



# Appendix A

**FEMA 100-Year Flood Plain Map**

**NOTES TO USERS**

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations (BFEs)** and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

**Coastal Base Flood Elevations** shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Connecticut State Plane Zone (FIPS zone 0600). The **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at <http://www.ngs.noaa.gov>, or contact the National Geodetic Survey at the following address:

NGS Information Services  
NOAA, NINGS12  
National Geodetic Survey  
SSM-C-3, #9202  
1315 East-West Highway  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

**Base map** information shown on this FIRM was derived from digital orthophotography provided by the Connecticut Department of Environmental Planning. This information was created from photography dated 2000, 2004 and 2005.

The **profile baselines** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the **profile baseline**, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations** and **floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

**Corporate limits** shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

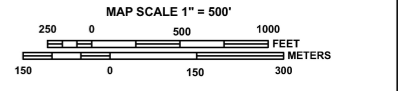
For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at <http://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov/business/nfip>.



**LEGEND**

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**  
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
- ZONE A** No Base Flood Elevations determined.
  - ZONE AE** Base Flood Elevations determined.
  - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
  - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
  - ZONE AR** Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
  - ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
  - ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
  - ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE**  
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
- OTHER FLOOD AREAS**
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS**
- ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
  - ZONE D** Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**  
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- 1% Annual Chance Floodplain Boundary
  - 0.2% Annual Chance Floodplain Boundary
  - Floodway boundary
  - Zone D boundary
  - CBRS and OPA boundary
  - Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.
  - Base Flood Elevation line and value; elevation in feet\*
  - Base Flood Elevation value where uniform within zone; elevation in feet\*
- \*Referenced to the North American Vertical Datum of 1988
- A — A — Cross section line
  - 23 — 23 — Transect line
  - — — Culvert
  - — — Bridge
  - 45° 02' 08", 93° 02' 12" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere
  - 4989000 M 1000-meter ticks: Connecticut State Plane Zone (FIPS Zone 0600), Lambert Conformal Conic projection
  - 49° 59' 00" N 1000-meter Universal Transverse Mercator grid values, zone 18N
  - DX5510 X Bench mark (see explanation in Notes to Users section of this FIRM panel)
  - M1.5 River Mile
- MAP REPOSITORIES**  
Refer to Map Repositories list on Map Index
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
July 18, 2011
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**
- For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



**PANEL 0359G**

**FIRM**  
**FLOOD INSURANCE RATE MAP**  
**NEW LONDON COUNTY,**  
**CONNECTICUT**  
**ALL JURISDICTIONS**

**PANEL 359 OF 554**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SUFFIX
LEDYARD, TOWN OF	090157	0359	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

**MAP NUMBER**  
09011C0359G  
**EFFECTIVE DAT 58**  
JULY 18, 20




Federal Emergency Management Agency

# Appendix B

DEEP Natural Diversity Data Base Area Map

# Natural Diversity Data Base Areas

LEDYARD, CT  
December 2023

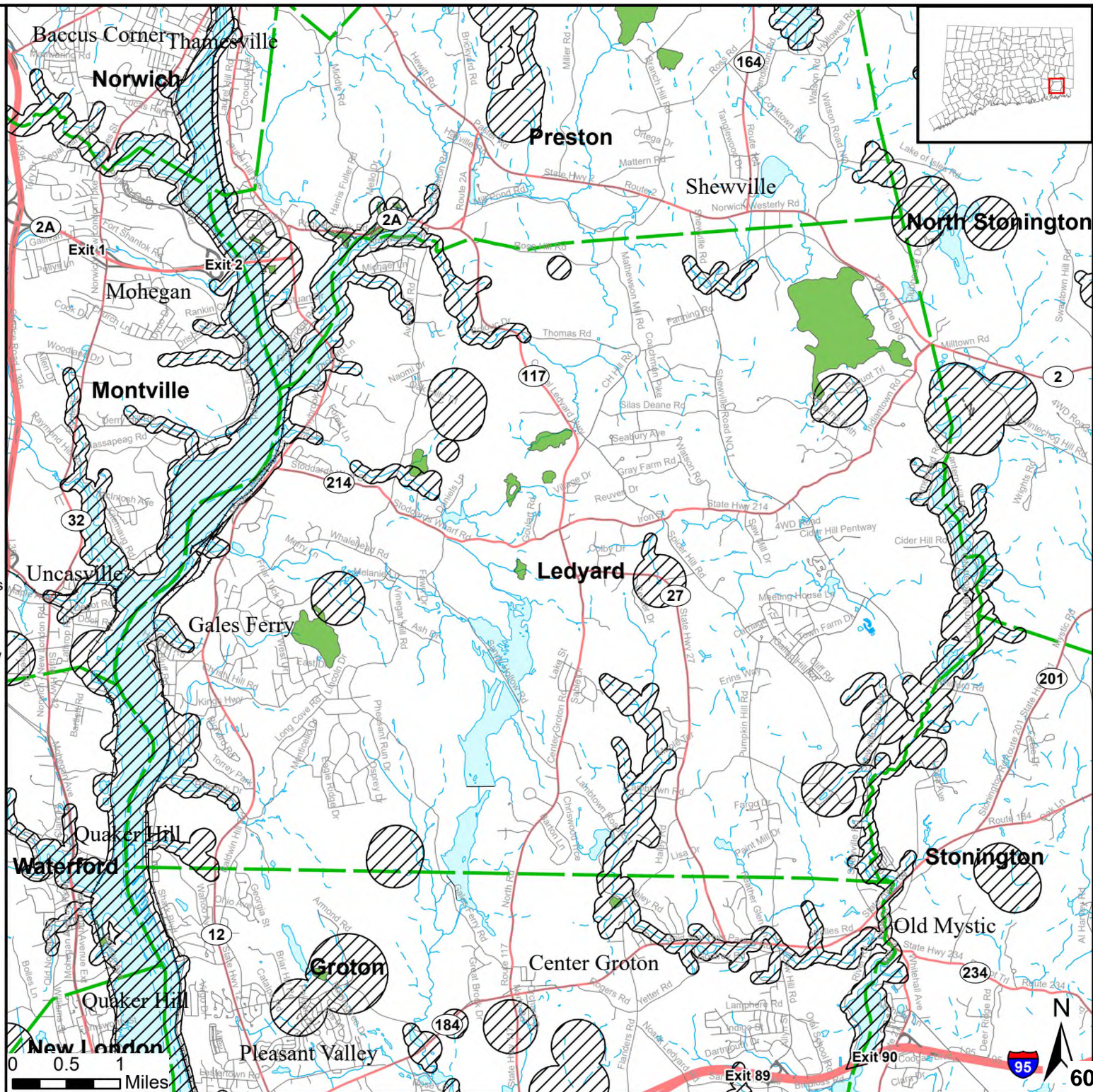
-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows known locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a hatched area there may be a potential conflict with a listed species. For more information, use DEEP ezFile <https://filings.deep.ct.gov/DEEPPortal/> to submit a Request for Natural Diversity Data Base State Listed Species Review or Site Assessment. More detailed instructions are provided along with the request form on our website. <https://portal.ct.gov/deep-nddbrequest>

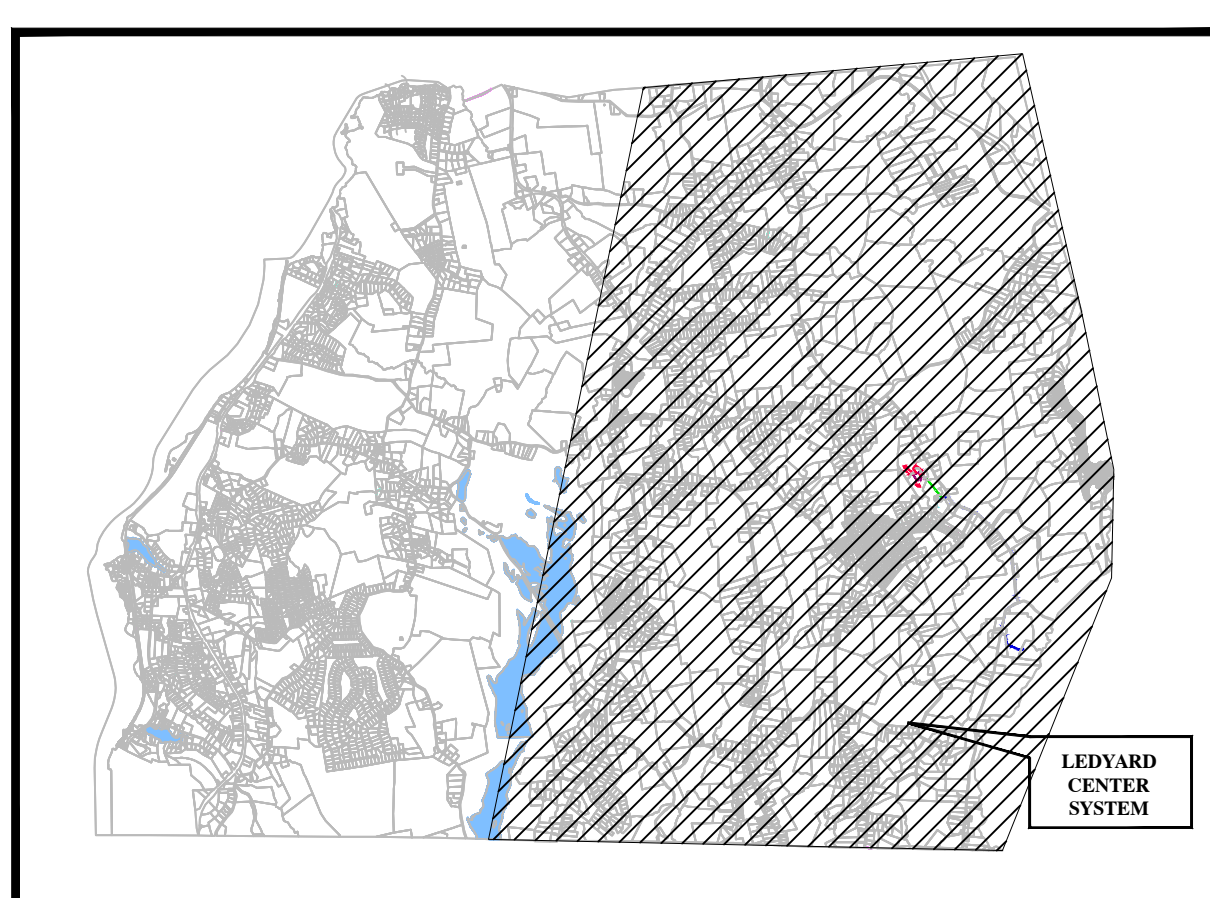
Use the CTECO Interactive Map Viewers at <http://cteco.uconn.edu> to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)  
79 Elm St, Hartford, CT 06106  
email: [deep.nddbrequest@ct.gov](mailto:deep.nddbrequest@ct.gov)  
Phone: (860) 424-3011



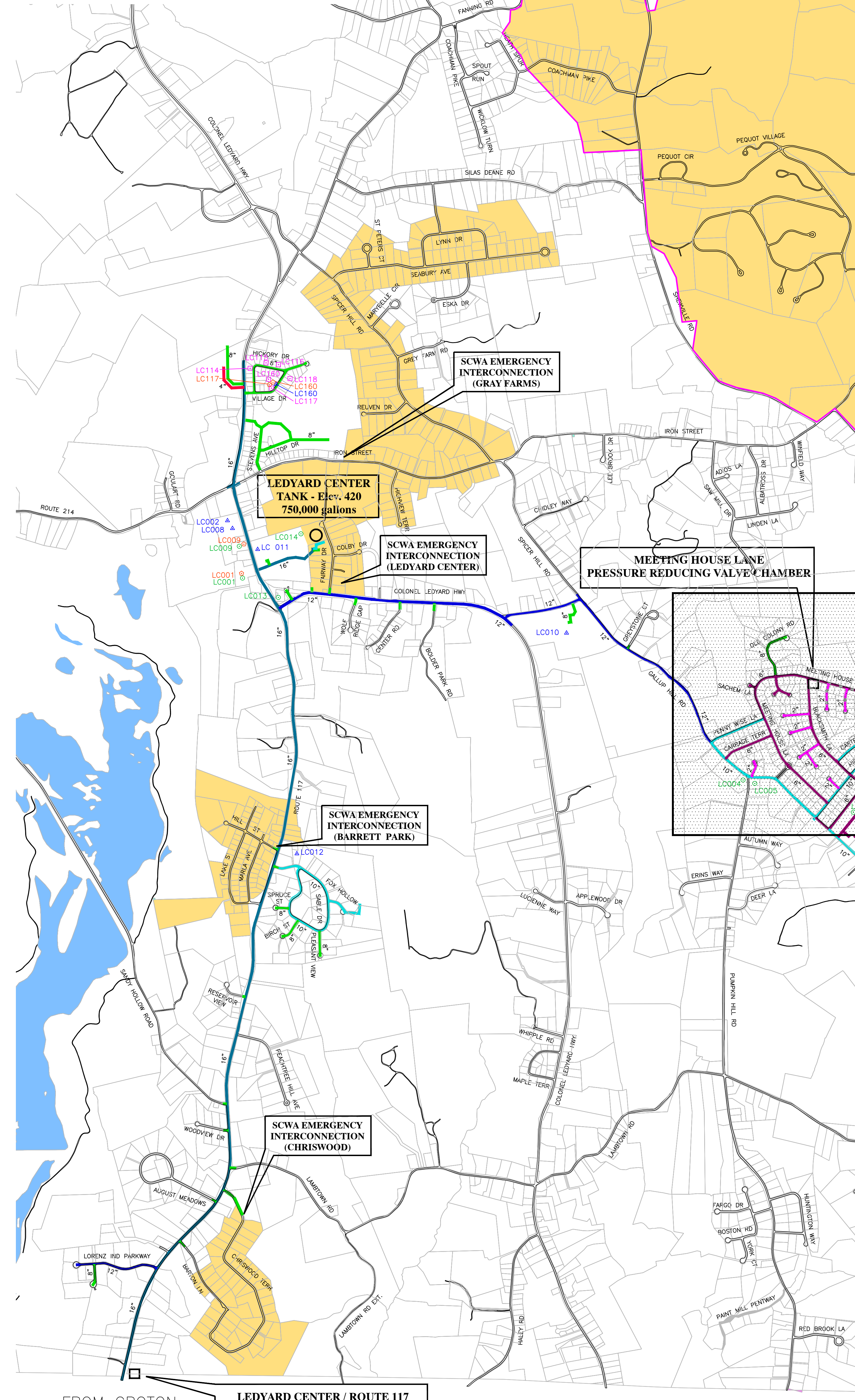
# Appendix C

Ledyard Center System Project Map



**Town of Ledyard - Location Map**

Not to Scale

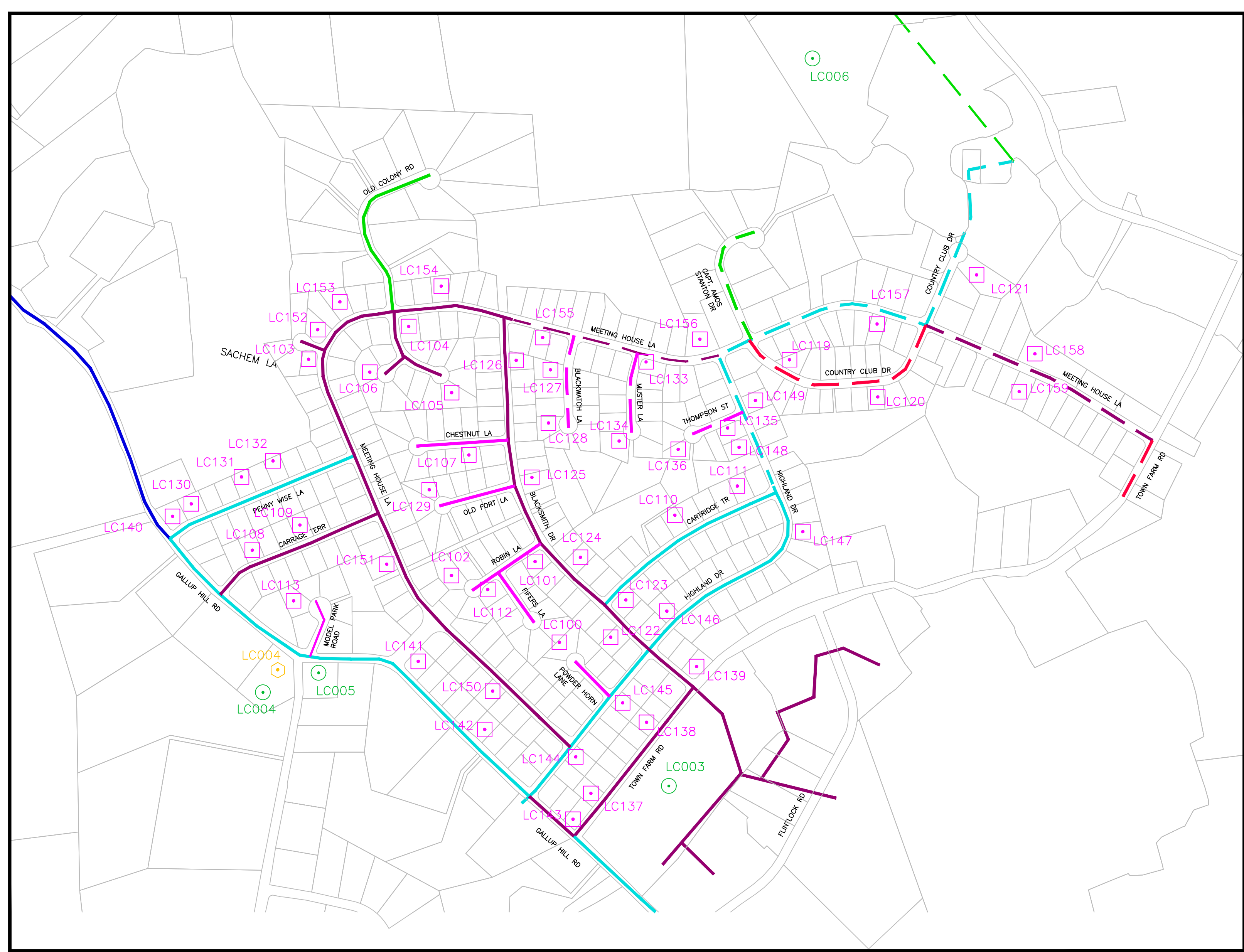


FROM GROTON UTILITIES

LEDYARD CENTER / ROUTE 117 METER PIT

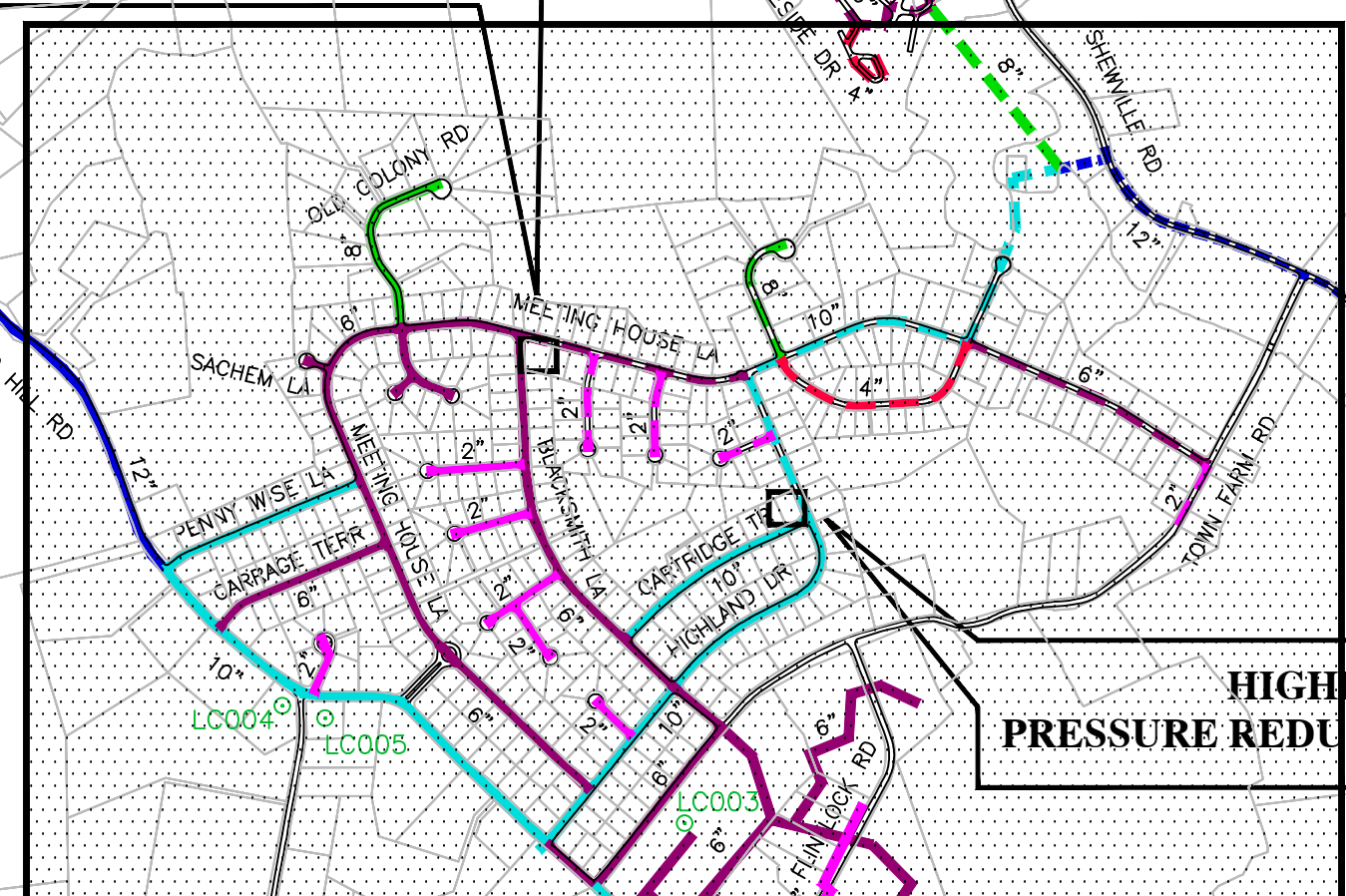
**Ledyard Center Water System**

Scale: 1" = 800'



**Highlands Subdivision - Detail**

Not to Scale



See Detail

**LEAD & COPPER**

LC100	8 POWDER HORN DRIVE	LC131	9 PENNYWISE LANE
LC101	14 ROBIN LANE	LC132	13 PENNYWISE LANE
LC102	1 SACHEM LANE	LC133	1 MUSTER LANE
LC103	1 WHITEWOOD LANE	LC134	12 MUSTER LANE
LC104	12 WHITEWOOD LANE	LC135	1 THOMPSON STREET
LC105	4 ASPEN LANE	LC136	7 THOMPSON STREET
LC106	3 CHESTNUT LANE	LC137	5 TOWN FARM ROAD
LC107	5 CARRIAGE TRAIL	LC138	15 TOWN FARM ROAD
LC108	11 CARRIAGE TRAIL	LC139	23 TOWN FARM ROAD
LC109	13 CARRIAGE TERRACE	LC140	105 GALLUP HILL ROAD
LC110	21 CARRIAGE TERRACE	LC141	139 GALLUP HILL ROAD
LC111	2 FRERS LANE	LC142	149 GALLUP HILL ROAD
LC112	3 MODEL PARK ROAD	LC143	163 GALLUP HILL ROAD
LC113	11 HICKORY DRIVE	LC144	8 HIGHLAND DRIVE
LC114	19 HICKORY DRIVE	LC145	16 HIGHLAND DRIVE
LC115	25 HICKORY DRIVE	LC146	25 HIGHLAND DRIVE
LC116	11 VILLAGE DRIVE	LC147	42 HIGHLAND DRIVE
LC117	20 VILLAGE DRIVE	LC148	53 HIGHLAND DRIVE
LC118	5 COUNTRY CLUB	LC149	58 HIGHLAND DRIVE
LC119	18 COUNTRY CLUB	LC150	11 MEETINGHOUSE
LC120	34 COUNTRY CLUB	LC151	27 MEETINGHOUSE
LC121	11 BLACKSMITH DRIVE	LC152	53 MEETINGHOUSE
LC122	14 BLACKSMITH DRIVE	LC153	57 MEETINGHOUSE
LC123	22 BLACKSMITH DRIVE	LC154	69 MEETINGHOUSE
LC124	32 BLACKSMITH DRIVE	LC155	82 MEETINGHOUSE
LC125	48 BLACKSMITH DRIVE	LC156	101 MEETINGHOUSE
LC126	6 BLACKWATCH LANE	LC157	122 MEETINGHOUSE
LC127	12 BLACKWATCH LANE	LC158	139 MEETINGHOUSE
LC128	10 OLD FORT LANE	LC159	140 MEETINGHOUSE
LC129	3 PENNYWISE LANE	LC160	13 VILLAGE DRIVE

**COLIFORM AND PHYSICAL**

LC001	VILLAGE MARKET
LC003	GALLUP HILL SCHOOL
LC004	PUMPKIN HILL MARKET
LC005	LITTLE LEARNERS DAYCARE
LC006	LAKEVIEW CONDOS
LC009	LEDYARD TOWN HALL
LC013	BILL LIBRARY
LC014	LEDYARD CENTER WATER TANK

**ADDITIONAL COLIFORM AND PHYSICAL**

LC002	AJ'S RESTAURANT
LC008	HOLDRIE NURSERY
LC010	LEDYARD HIGH SCHOOL
LC011	LEDYARD CENTER SCHOOL
LC012	5 SABLE DRIVE
LC016	13 VILLAGE DRIVE

**ASBESTOS**

LC004	PUMPKIN HILL MARKET
-------	---------------------

**THM/HAA5**

LC001	VILLAGE MARKET
LC117	11 VILLAGE DRIVE
LC009	LEDYARD TOWN HALL
LC160	13 VILLAGE DRIVE

**LEGEND**

	GREEN-- ROUTINE COLIFORM & PHYSICAL
	BLUE-- ADDITIONAL COLIFORM & PHYSICAL
	ORANGE-- ASBESTOS
	MAGENTA-- LEAD & COPPER
	RED-- THM/HAA5
	OTHER UTILITY SERVICE AREA
	4" WATERMAIN
	6" WATERMAIN
	8" WATERMAIN
	10" WATERMAIN
	12" WATERMAIN
	16" WATERMAIN

01/06/22	DLL	REVISED COLOR OF THM / HAA5 CATEGORY TO RED
12/14/21	DLL	ADDED LC160 TO 13 VILLAGE DR & LC009 TO LED. TOWN HALL
03/19/20	DLL	ADDED LC014 TO COLIFORM & PHYSICALS SAMPLE SITES
02/05/19	DLL	ADDED SCWA EMERGENCY INTERCONNECTIONS
9/16/15	DLL	CREATED SEPARATE LC & GF SAMPLING DWGS PER J. BROWN
7/18/15	DLL	REVISED PER J. BROWN COMMENTS
8/26/14	DLL	HOLMBERG BOOSTER PUMP STATION ADDED TO PLAN.
7/28/14	DLL	MASHANTUCKET SERVICE AREA REVISED.
3/13/13	DLL	FERRYVIEW DRIVE WATER MAIN & HYD'S. ADDED TO PLAN.
3/20/12	DLL	REV'D ADDRESS FOR LC 108 & 109 TO "CARRIAGE" TRAIL.
3/20/12	DLL	ADDED IDSE CATEGORY & DENOTED LOCATIONS PER RL.V.
DATE	BY	REVISION

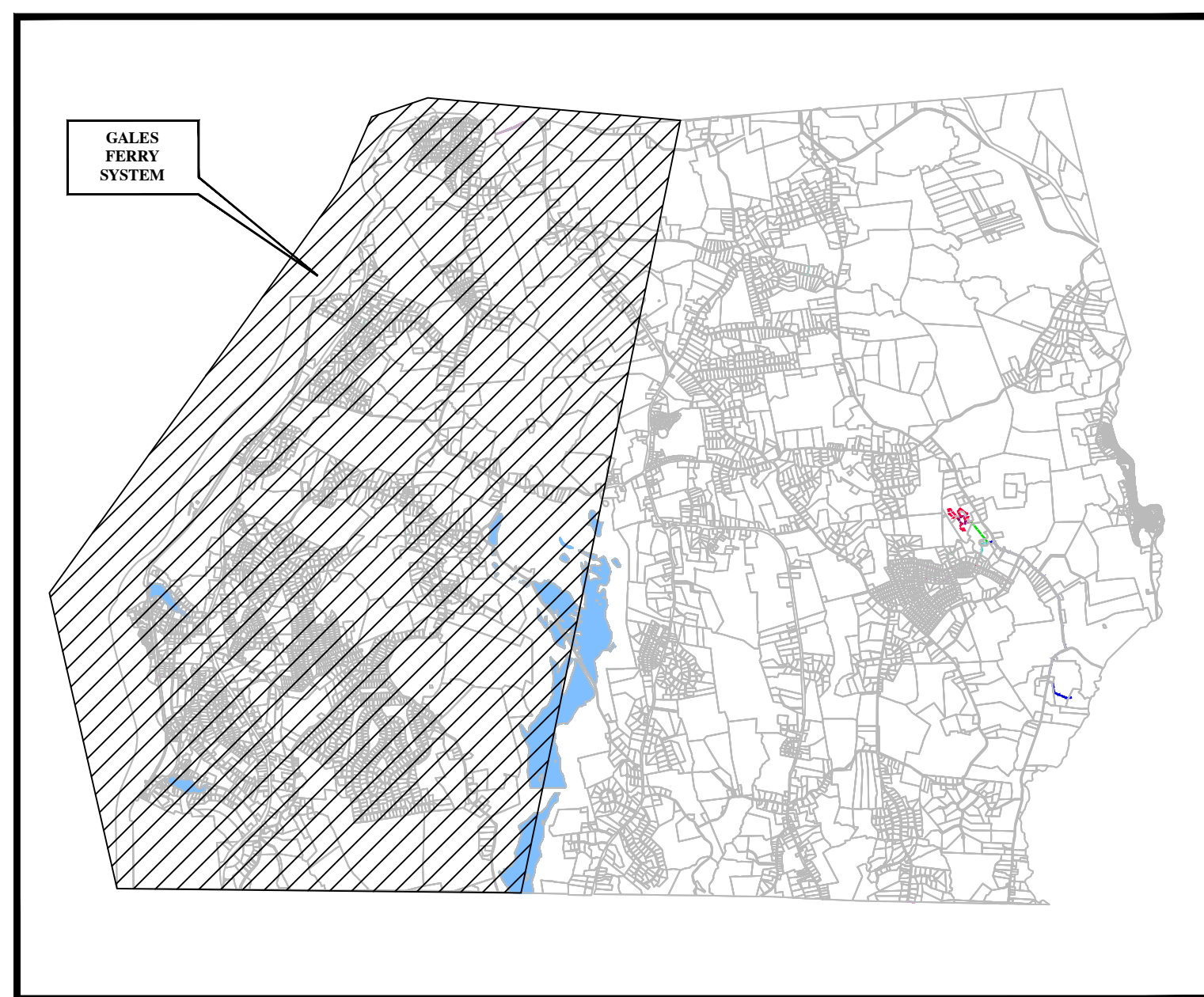


TOWN OF LEDYARD  
LEDYARD CENTER SYSTEM CT0727091  
DISTRIBUTION SYSTEM  
SAMPLING MAP

SURVEY BY:	DATE:	SCALE: 1" = 800'
BASE PLAN BY: MSW	DATE: 10/20/10	DWG. NO.
DESIGN BY:	DATE:	SHEET 1 OF 1

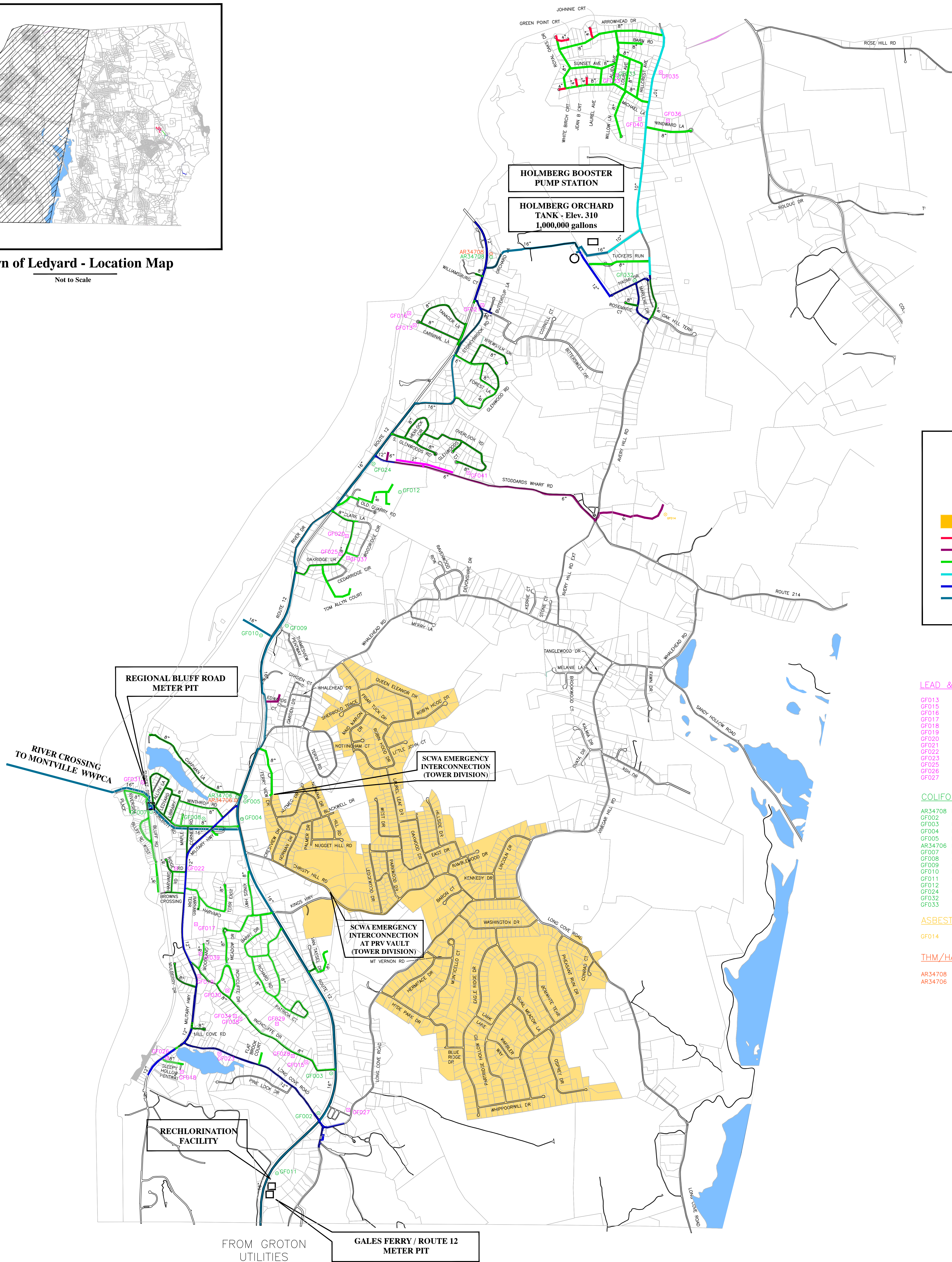
# Appendix D

## Gales Ferry System Project Map



Town of Ledyard - Location Map

Not to Scale



### LEGEND

- GREEN- COLIFORM & PHYSICAL
- ORANGE- ASBESTOS
- MAGENTA- LEAD & COPPER
- RED- THM/HAA5
- OTHER UTILITY SERVICE AREA
- 4" WATERMAIN
- 6" WATERMAIN
- 8" WATERMAIN
- 10" WATERMAIN
- 12" WATERMAIN
- 16" WATERMAIN

#### LEAD & COPPER

GF013	23 CARDINAL LANE	GF028	25 INCHCLIFFE DRIVE
GF015	17 INCHCLIFFE DRIVE	GF029	44 INCHCLIFFE DRIVE
GF016	34R TANGER LANE	GF030	72 INCHCLIFFE DRIVE
GF017	16 HARVARD TERRACE	GF031	58 HURLBUTT ROAD
GF018	10 SLEEPY HOLLOW PENTWAY	GF033	4 ALIEN HEIGHTS LANE
GF019	4 SMITH POND WAY	GF034	59 INCHCLIFF DRIVE
GF020	8 WOODRIDGE CIRCLE	GF035	240 AVERY HILL ROAD
GF021	76 STONYBROOK ROAD	GF036	5 WINDWARD LANE
GF022	10 RIDGE ROAD	GF037	14 WOODRIDGE CIRCLE
GF023	1085 LONG COVE ROAD	GF038	57 INCHCLIFFE DRIVE
GF025	12 WOODRIDGE CIRCLE	GF039	9 WOODLAND LANE
GF026	1 SLEEPY HOLLOW PENTWAY	GF040	213 AVERY HILL ROAD
GF027	1010 LONG COVE ROAD	GF041	41 OVERLOOK RD

#### COLIFORM AND PHYSICAL

AR34708	HOLMBERG ORCHARDS STORE (RT. 12)
GF002	1026 LONG COVE ROAD
GF003	ROUTE 12 NEAR INCHCLIFFE DRIVE
GF004	DUNKIN DONUTS OF GALES FERRY (RT. 12)
GF005	MCDONALDS OF GALES FERRY (RT. 12)
AR34706	HENNY PENNY GAS STATION (RT. 12)
GF007	BLUFF ROAD METER PIT
GF008	GALES FERRY LIBRARY
GF009	GALES FERRY FIRE DEPARTMENT
GF010	DOW CHEMICAL
GF011	CHEM BUILDING (RT. 12)
GF012	JULIET W. LONG MIDDLE SCHOOL
GF024	UNITED WAY BUILDING
GF032	8 NADOMI DRIVE
GF033	4 ALIEN HEIGHTS LANE

#### ASBESTOS

GF014	GALES FERRY PUMPHOUSE HYDRANT (ROUTE 214)
-------	---

#### THM/HAA5

AR34708	HOLMBERG ORCHARDS STORE, ROUTE 12 (THM)
AR34706	HENNY PENNY GAS STATION, RT. 12 (HAA5)

DATE	BY	REVISION
6/22/22	DLL	ADDED GF041 TO LEAD & COPPER
1/5/22	DLL	REVISED COLOR FOR THM / HAA5 CATEGORY TO RED
10/16/20	DLL	ADDED GF039 & GF040, ADDED GF033 TO LEAD & COPPER
02/06/20	DLL	ADDED GF 034 - GF 038 PER S. DIETRICH
02/05/19	DLL	ADDED SCWA EMERGENCY INTERCONNECTIONS
9/23/15	DLL	CREATED SEPARATE LC & GF SAMPLING DWGS PER J. BROWN
2/18/15	DLL	REVISED PER J. BROWN COMMENTS
8/26/14	DLL	HOLMBERG BOOSTER PUMP STATION ADDED TO PLAN.
7/29/14	DLL	MASHANTUCKET SERVICE AREA REVISED.
3/13/13	DLL	FERRYVIEW DRIVE WATER MAIN & HYD'S. ADDED TO PLAN.
3/20/12	DLL	REV'D ADDRESS FOR LC 108 & 109 TO "CARRIAGE" TRAIL
3/20/12	DLL	ADDED ISE CATEGORY & DENOTED LOCATIONS PER REV.



TOWN OF LEDYARD  
GALES FERRY SYSTEM CT0727051  
DISTRIBUTION SYSTEM  
SAMPLING MAP

SURVEY BY:	DATE:	SCALE: 1" = 800'
BASE PLAN BY: MSW	DATE: 10/20/10	DWG. NO.
DESIGN BY:	DATE:	SHEET 1 OF 1

### Gales Ferry Water System

Scale: 1" = 800'



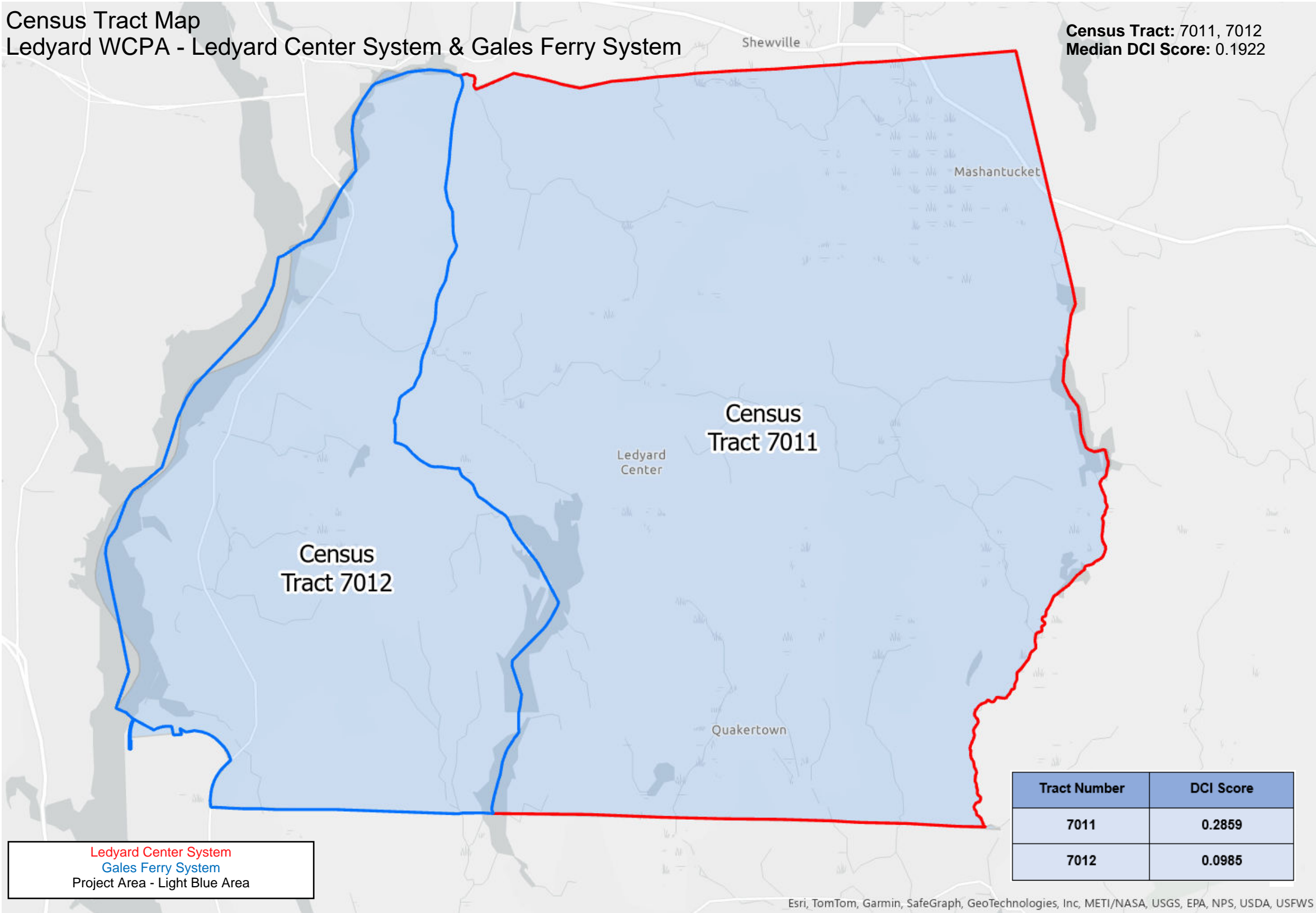
# Appendix E

## Disadvantaged Community Index Census Tract Map

# Census Tract Map

## Ledyard WCPA - Ledyard Center System & Gales Ferry System

Census Tract: 7011, 7012  
Median DCI Score: 0.1922



Census Tract 7012

Census Tract 7011

Tract Number	DCI Score
7011	0.2859
7012	0.0985

Ledyard Center System  
Gales Ferry System  
Project Area - Light Blue Area

Ed,

Attached is a copy of notification letter regarding the status of the Eligibility Application for the proposed LCRR Compliance - LSL Inventory & Replacement Plan project that you submitted for the Ledyard WPCA – Ledyard Center and Gales Ferry System for State Fiscal Year 2025 DWSRF Intended Use Plan.

Please contact this office with any questions or wish to discuss your project. Thank you for your continued interest in the DWSRF program.

Thanks,

Raul

-----

**RAUL TEJADA**

**Environmental Engineer 3**

Drinking Water Section

Drinking Water State Revolving Fund Program

Connecticut Public Health

Cell: (860) 936-1326

[raul.tejada@ct.gov](mailto:raul.tejada@ct.gov)





# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0635

**Agenda Date:** 9/24/2024

**Agenda #:** 3.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Lakeside Association Agreement.  
Review any quote received to date.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)

**AGREEMENT REGARDING CONSTRUCTION OF SEWER SYSTEM**

RECEIVED FOR RECORD  
AT LEDYARD, CT  
03 OCT 29 AM 9:52  
*P. De. K. De. De.*

This Agreement is between the Town of Ledyard (the "Town") a municipal corporation organized and existing under the laws of the State of Connecticut, and Lakeside, Condominium Association No. 1, Inc., Lakeside Condominium Association No. 2, Inc. and Lakeside Club, Inc. ("Lakeside"), condominium associations organized and existing under the laws of the State of Connecticut.

WHEREAS, Lakeside has on site septic systems which septic systems have been subject to problems, failures and orders from the Connecticut Department of Environmental Protection; and

WHEREAS, as a result, Lakeside has requested the Town to extend sewer service to it and its members; and

WHEREAS, the Town has agreed to provide such sewer service upon the condition that Lakeside and/or its condominium unit owners bear all costs of extending such sewer lines to Lakeside and its constituent unit owners; and

NOW THEREFORE, based upon the parties' mutual promises and covenants they hereby agree as follows:

(1) The parties acknowledge that the Town must obtain certain required approvals prior to proceeding with the financing and construction of the referenced system. Such approvals include an appropriate resolution of the Town Council, approval by Town Meeting and approval by the Ledyard Planning Commission.

(2) The Project will include a pumping station, a force main, sewer lines and laterals extending from the Town's existing sewer lines at the end of Country Club Road to the various

condominium buildings comprising the Lakeside Condominium project on the west side of Shewville Road. The Project shall be substantially constructed in accordance with plans prepared by Weston & Sampson Engineers, Inc. of Glastonbury, dated June 2002 and entitled: "Town of Ledyard, Connecticut Water Pollution Control Authority Lakeside Condominium Sewer Improvements."

(3) The Town will put the project out to competitive bid through the public bidding process and seek to award to the lowest responsible and responsive qualified contractor, subject to the Town's right to reject any and all bids.

#### LAKESIDE'S OBLIGATIONS

(1) Lakeside agrees to fully cooperate with the Town, its representatives, contractors and consultants as may be necessary to complete this project.

(2) Lakeside represents that it has the power and authority to grant such rights of access and easements as may be necessary for the construction of this project on its property. This shall include the granting of the construction access and/or easement and the granting of permanent easements for the eight inch (8") sewer lines and the pumping station.

(3) Lakeside agrees that upon completion of the Project it will accept the Town's bill of sale conveying ownership to all laterals located on Association property and further, that the Association will be responsible for the maintenance of all such laterals, provided, that the Town will own and maintain the eight inch (8") sewer lines and the pump station location on Association property.

(4) Lakeside agrees that the entire cost of the Project including design and construction, equipment, materials, land and easement acquisition, site improvements, architect's fees, engineering fees, legal fees, net interest on borrowings and other financing costs and other

expenses related to the project or its financing will be the responsibility of Lakeside and/or its constituent unit owners, which costs shall be recovered through Benefit Assessments levied upon individual condominium units in accordance with statutory procedures. To the extent that the Town receives any grants in connection with the project, such grants shall reduce the cost to be recovered through the Benefit Assessment process.

### TOWN OBLIGATIONS

- (1) The Town will calculate the Benefit Assessments in accordance with statutory requirements.
- (2) Such Benefit Assessments shall be levied directly upon individual condominium units within the Association.
- (3) The Town through its agents and representatives, will oversee that the project is completed substantially in accordance with plans prepared by Weston & Sampson Engineers, Inc. of Glastonbury, Connecticut dated June 2002.
- (4) The Town agrees to own and be responsible for the maintenance of the eight inch (8") sewer lines and pumping station called for in the Project plans provided it receives from Lakeside an appropriate permanent easement therefore.
- (5) The Town will convey its ownership rights and all laterals located on Association property to the Association upon completion of the Project. To the extent that the Town has the benefit of warranties from the contractor with regard to the installation of such laterals, the Town will assign its warranty rights to the Association at that time.

### MISCELLANEOUS PROVISIONS

- (1) This Agreement shall be binding upon the parties' successors and assigns.
- (2) This Agreement shall be interpreted under the laws of the State of Connecticut.

(3) Should any part of this Agreement be deemed to be invalid or unenforceable the balance of the Agreement shall not otherwise be affected by such determination.

Dated at Ledyard, Connecticut this 8<sup>th</sup> day of October, 2003.

TOWN OF LEDYARD

[Signature]  
Witness

By Wesley J. Johnson Sr.  
Wesley J. Johnson, Sr., Its Mayor  
Duly Authorized

LAKESIDE CONDOMINIUM ASSOCIATION NO. 1, INC.

[Signature]  
Witness

By Ralph S. Hightower Jr.  
Ralph Hightower Jr.  
Its President  
Duly Authorized

LAKESIDE CONDOMINIUM ASSOCIATION NO. 2, INC.

[Signature]  
Witness

By Winston Chin  
Winston Chin  
Its President  
Duly Authorized

LAKESIDE CLUB, INC.

[Signature]  
Witness

By Winston Chin  
Winston Chin  
Its President  
Duly Authorized





# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0819

**Agenda Date:** 9/24/2024

**Agenda #:** 4.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

1026 Long Cove Road.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)

The following correspondence was received from Groton Utilities regarding high water usage at 1026 Long Cove Road (Mark Lopez);

History:

June – Usage 11,000 gallons – Did recheck read and called customer about high usage, left voicemail to call me back, no return call.

July – Usage 83,650 gallons – Did recheck read and called customer about high usage, Customer stated probably a running toilet again.

- Recheck was only 100 gallons for 5 days, whatever was leaking stopped.

The transmitter on this meter is not able to be data logged, I will request that the transmitter be replaced.



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0641

**Agenda Date:** 9/24/2024

**Agenda #:** 5.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Any Other Old Business to Come Before the Commission.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0812

**Agenda Date:** 9/24/2024

**Agenda #:** 1.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Emergency Plan status from Groton Utilities.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)

water pollution control authority

To: Steve Masalin; Stephen Banks; Duarte, Mauricio <duartem@grotonutilities.com>

Thu 8/15/2024 1:02 PM

Steve - yes it is and we will need some help from GU? Thanks Mo for looking into this!

Ed Lynch, WPCA  
Mobile 646-732-9224

Reply  Reply all  Forward

SM

Steve Masalin

To: Stephen Banks; water pollution control authority

Thu 8/15/2024 11:41 AM

This looks like a WPCA matter.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Mohamed, Asha" <Asha.Mohamed@ct.gov>

Date: 8/15/24 11:37 AM (GMT-05:00)

To: Steve Masalin <pwd@ledyardct.org>

Subject: Docket 24-02-03 - Town of Ledyard WPCA

You don't often get email from asha.mohamed@ct.gov. [Learn why this is important](#)

Hello,

My name is Asha Mohamed, and I am with the Connecticut Public Utilities Regulatory Authority (Authority). Under Connecticut General Statute 16-32e, the Authority is required to review Emergency Response Plans (ERPs) from public and private utilities operating within our state every two years and report on the reviews to the state legislature.

The Authority established Docket No. 24-02-03 to review ERPs and Exemption forms. We issued a draft report which can be found here: [Docketed Correspondence for \[ 24-02-03 \] Proposed Legislative Report. \(state.ct.us\)](#). I am reaching out to you because we haven't

received an ERP or exemption from you yet. The Authority request that you file an ERP or an exemption form before September 1, 2024, to be in compliance with Conn. Gen. Stat. 16-32e.

**Asha Mohamed**

Research Analyst

Connecticut Public Utilities Regulatory Authority

10 Franklin Square, New Britian, CT 06051

p: 720-984-3006 | [asha.mohamed@ct.gov](mailto:asha.mohamed@ct.gov)



*Conserving, improving, and protecting our natural resources and environment;  
Ensuring a clean, affordable, reliable, and sustainable energy supply.*





# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0813

**Agenda Date:** 9/24/2024

**Agenda #:** 2.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Department of Public Health Grant.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)

water pollution control authority

Matthew Bonin

Ian Stammel

Hi Mathew - just an update - so the consultant that helped us put together the request responded thusly... (Also I asked her if she could find out the potential range of forgiveness)

Hello Ed

In our experience they do not tell you how much loan forgiveness (i.e. grant) you are getting until the entire loan packet is ready to go (i.e. signed). However, you can ask Raul what range of forgiveness you can expect. My guess is minimum of 25% maybe closer to 50% but you need to ask him. I do know that they give more lately as not as many communities have taken them up on the funds. I can certainly call him if you want. Just let me know.

You do not need to go to hearing unless you want to.

Thank you

Jennifer Kelly Lachmayr, PE BCEE  
Senior Vice President/Area Leader New England  
Arcadis US Inc  
500 Edgewater Dr Suite 511  
Wakefield MA 01880

Cell 781 439 5181  
[www.arcadis.com](http://www.arcadis.com)





# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0814

**Agenda Date:** 9/24/2024

**Agenda #:** 3.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

New Gerber Installation estimate - Phase III.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0642

**Agenda Date:** 9/24/2024

**Agenda #:** 4.

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Any Other New Business to Come Before the Commission.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

---

**File #:** 24-0837

**Agenda Date:** 9/24/2024

**Agenda #:**

---

AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Motion to APPROVE payment to Groton Utilities invoice #0024239, dated August 30, 2024, in the amount of \$5,441.62 for lead inventory.

**Background:**

(type text here)

**Department Comment/Recommendation:**

(type text here)



**GROTON UTILITIES**  
At Your Service

295 Meridian Street - Groton, Connecticut 06340  
Tel: 860-446-4025 Fax: 860-446-4075

Signature \_\_\_\_\_

PO# 20251328 Date \_\_\_\_\_

DATE	INVOICE NO
8/30/2024	0024239

<b>BILL TO</b>
Ledyard, Town of 741 Colonel Ledyard Hwy Ledyard, CT 06339-1511

<b>DUE DATE</b>
9/29/2024

DESCRIPTION	QUANTITY	EFFECTIVE RATE	AMOUNT	DISCOUNT	CREDIT	BALANCE
WO Billing until 08/18/2024:						
0029242 - Labor	1.00	5,441.62	5,441.62	0.00	0.00	5,441.62
<b>INVOICE TOTAL:</b>			5,441.62	0.00	0.00	5,441.62

PLEASE DETACH BOTTOM PORTION & REMIT WITH YOUR PAYMENT

For questions please contact us at

Customer Name: Ledyard, Town of  
Customer No: 000205  
Account No: 0015817 - Ledyard LS LR Inventory

DUE DATE	INVOICE NO
9/29/2024	0024239

Please remit payment by the due date to:

City of Groton  
Groton Utilities 860-446-4025  
295 Meridian Street  
Groton, CT 06340

INVOICE BALANCE: \$5,441.62  
AMOUNT PAID: \_\_\_\_\_

Ledyard LS/LR Inventory  
 WO Audit Report  
 until 08/18/2024

WO Number	Labor	Activity	Units	Date	Description	Notes
0029242	33.39	33.39	0.50	07/22/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	07/23/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	07/24/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	200.31	200.31	2.00	07/22/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	200.31	200.31	2.00	07/23/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	200.31	200.31	2.00	07/24/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	07/23/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	66.77	66.77	1.00	07/25/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	07/26/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	07/30/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	325.50	325.50	3.25	07/30/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	175.28	175.28	1.75	07/31/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	175.28	175.28	1.75	08/01/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	467.36	467.36	7.00	07/30/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	267.06	267.06	4.00	08/01/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	08/05/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	200.31	200.31	2.00	08/05/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	175.28	175.28	1.75	08/06/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	125.19	125.19	1.25	08/07/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	100.16	100.16	1.00	08/09/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	400.59	400.59	6.00	08/05/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	433.98	433.98	6.50	08/06/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	400.59	400.59	6.00	08/07/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	267.06	267.06	4.00	08/08/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	367.22	367.22	5.50	08/09/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	33.39	33.39	0.50	08/12/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	225.35	225.35	2.25	08/12/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	133.53	133.53	2.00	08/13/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
0029242	267.06	267.06	4.00	08/14/2024	Blacker, Katherine	LEDYARD LSL INVENTORY
<b>Report Totals</b>	<b>5,441.62</b>	<b>5,441.62</b>				



# TOWN OF LEDYARD

741 Colonel Ledyard  
Highway  
Ledyard, CT 06339-1511

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**File #:** 24-0838

**Agenda Date:** 9/24/2024

**Agenda #:**

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AGENDA REQUEST  
GENERAL DISCUSSION ITEM

**Subject:**

Motion to APPROVE payment to Weston & Samson invoice #9240160, dated September 17, 2024, in the amount of \$66,125.00 for Professional Services through August 23, 2024.

**Background:**

LEDYARD,CT-ENGINEERING SERVICES FOR SEWER FEASIBILITY STUDY.

Wetland delineation - \$6,880.00  
Surveying - \$23,800.00  
Sewer Route Design - \$35,445.00

Total this invoice - \$66,125.00

**Department Comment/Recommendation:**

(type text here)

Tax ID No: 04-2601194

# INVOICE

**PLEASE MAKE CHECKS PAYABLE TO:**

Weston & Sampson Engineers, Inc.



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

September 17, 2024

Project No: ENG21-0477

Invoice No: 9240160

Edward Lynch - WCPA  
Chairman  
LEDYARD CT, TOWN OF  
741 Colonel Ledyard Highway  
Ledyard, CT 06339

Project ENG21-0477 LEDYARD,CT-ENGINEERING SERVICES FOR SEWER FEASIBILITY STUDY

**Professional Services through August 23, 2024**

Phase A TASK 2.01-PRESSURE SEWER CAPACITY  
Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
TASK 2.01-PRESSURE SEWER CAPACITY	6,700.00	100.00	6,700.00	6,700.00	0.00
TASK 2.02-PLANNING REPORT	21,000.00	100.00	21,000.00	21,000.00	0.00
TASK 2.03-WALKING PATH DESIGN CHANGE	6,800.00	100.00	6,800.00	6,800.00	0.00
TASK 2.04-GEOTECH ROCK INVESTIGATION	37,100.00	100.00	37,100.00	37,100.00	0.00
TASK 2.05-SUPP SURVEY AT HIGH SCHOOL	10,600.00	100.00	10,600.00	10,600.00	0.00
TASK 2.06-INVESTIGATE ROUTE FOR PH2 SEWR	8,800.00	100.00	8,800.00	8,800.00	0.00
TASK 2.07-RETAINING WALL DESIGN SEWER	48,300.00	100.00	48,300.00	48,300.00	0.00
TASK 2.08-COORDINATION FOR PROP RIGHTS	4,400.00	100.00	4,400.00	4,400.00	0.00
TASK 2.09-COORDINATION WITH UTILITIES	3,700.00	100.00	3,700.00	3,700.00	0.00
<b>Total Fee</b>	<b>147,400.00</b>		<b>147,400.00</b>	<b>147,400.00</b>	<b>0.00</b>
<b>Total Fee</b>					<b>0.00</b>
<b>Total this Phase</b>					<b>0.00</b>

Phase K K-SEWERS TO PENNYWISE  
Task 2.10 TASK 2.10-WETLAND DELINEATION  
Fee

Description	Contract Amount	% Work To Date	Amount Billed To Date	Previously Billed	This Inv. Billed
TASK 2.10-WETLAND DELINEATION	17,200.00	100.00	17,200.00	10,320.00	6,880.00

Payment is due 30 days from Invoice Date

Project	ENG21-0477	LEDYARD,CT-ENG SERVICES SEWER STUDY			Invoice	9240160
Total Fee		17,200.00		17,200.00	10,320.00	6,880.00
<b>Total Fee</b>						<b>6,880.00</b>
<b>Total this Task</b>						<b>\$6,880.00</b>
-----						
Task	2.12	TASK 2.12-SURVEYING				
Fee						
<b>Description</b>		<b>Contract Amount</b>	<b>% Work To Date</b>	<b>Amount Billed To Date</b>	<b>Previously Billed</b>	<b>This Inv. Billed</b>
TASK 2.12-SURVEYING		28,000.00	100.00	28,000.00	4,200.00	23,800.00
Total Fee		28,000.00		28,000.00	4,200.00	23,800.00
<b>Total Fee</b>						<b>23,800.00</b>
<b>Total this Task</b>						<b>\$23,800.00</b>
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Task	2.13	TASK 2.13-SEWER ROUTE DESIGN				
Fee						
<b>Description</b>		<b>Contract Amount</b>	<b>% Work To Date</b>	<b>Amount Billed To Date</b>	<b>Previously Billed</b>	<b>This Inv. Billed</b>
TASK 2.13-SEWER ROUTE DESIGN		41,700.00	90.00	37,530.00	2,085.00	35,445.00
Total Fee		41,700.00		37,530.00	2,085.00	35,445.00
<b>Total Fee</b>						<b>35,445.00</b>
<b>Total this Task</b>						<b>\$35,445.00</b>
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Task	2.15	TASK 2.15-GROTON UTILITY REVIEW				
<b>Total this Task</b>						<b>0.00</b>
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Task	2.16	TASK 2.16-PERMITTING				
<b>Total this Task</b>						<b>0.00</b>
<b>Total this Phase</b>						<b>\$66,125.00</b>
<b>TOTAL THIS INVOICE</b>						<b>\$66,125.00</b>

**Outstanding Invoices**

Number	Date	Balance
4241190	4/8/2024	9,850.00
<b>Total</b>		<b>9,850.00</b>

Note: Task 2.07 Contract Amount has been corrected to \$48,300 per Table 5.1 of Task Amendment #1.