CITY OF NEW LONDON UST RECORDS (DRAFT 5-14-2018)

(Based on DEEP UST Registration Records Unless otherwise Noted)

Site	Address	UST Records	Installation Date	Registered ¹	Removal Date	Required Action
NL High School	490 Jefferson	1 @ 20,000 FO	1992	No	In Use	Register UST
		1@10,000 FO	1970	Yes	1992 ?²	Register as Removed
		1@10,000 FO	1950	Yes	1992 ?	Register as Removed
North Fire Station	240 Broad	1,000 (?)	1970	Yes	2001	None
Fire Headquarters	297 Bank St	1,000 FO	1956	Yes		Remove UST & Resister
Harbor School	432 Montauk	2,000-2,500 FO	1960 (1947?) ³	Yes	?	Confirm Removal- Register as Removed
		4,000 FO (backup)	?	No		Remove & Register Removed
BDMS (Former NL Jr, High) ⁴	36 Waller	10,000 FO	1961 (1954?) ⁵ 1994 ⁶	Yes Not in CTDEEP Database	?	Confirm ⁷ Removal & Register
W. Harris		Diesel (Emergency Generator)	???	Not Required	In Use	Confirm size & UST Specs
Jennings (Built Circa 2008)	50 Mercer	5,000 FO	1985 1999	Yes Yes	1999 2006	None
		???? FO	C 2006	No	In Use	Register
Martin Center	110 Broad	5,000 FO	1980	Yes	Yes	None
Bates Woods	Jefferson Ave	2 @ 275 FO ⁸		Yes		None
City Hall	State St	1,000 FO	1962	Yes	Sept 1988	None
NL DPW	109 Crystal Ave	10,000 Gas	Oct 2009	Yes		Confirm EZ Filing
		10,000 Diesel	Oct 2009	Yes		Confirm EZ Filing
New Police Station	5 Governor Winthrop Blvd	1,000 Fuel Oil 4,000 Diesel (Generator)				Removed and Replace with ASTs Register as removed
Old Police Station	111 Union	4000 gas	?	No	1990	No further action.
Ocean Beach		550 fuel oil	?	No	1995	No further action.

Does not include Water & Sewer Dept Tanks. Yellow Highlight Subject to DEEP Violation

Green Highlight- Follow up Action Required.

 $^{^{1}\,\}mathrm{Registration}$ not current with required EZ format.

² Fire Marshal Records indicate removal of a UST (one - size not specified 6/23/1992)

³ Per Fire Marshal Records

⁴ Converted to gas 8-13 years ago per NL staff.

⁵ Per Fire Marshal Records

⁶ CTDEEP Registration Form- Not in CTDEEP database.

⁷ Fire Marshal email (10/3/2013) states "oil tanks not connected- technically abandoned." Facility on natural gas.

⁸ Incorrect filing- above ground tanks.



NOV # NOVUST-GB18-0021 - Site # 95-1435

CITY OF NEW LONDON 134 WILLIAMS ST NEW LONDON, CT 06320-5231

The purpose of this Notice is to inform you that personnel of the Department of Energy and Environmental Protection ("DEEP") have made observations or otherwise obtained information indicating that a violation of law has occurred at the property located at 490 JEFFERSON AVE, NEW LONDON, CT 06320-2525. On 2/26/2018, the DEEP, Bureau of Materials Management and Compliance Assurance, Storage Tank and PCB Enforcement Unit conducted an inspection. Básed upon that inspection, it appears that you have failed to comply with Sections 22a-449(d) 101-113 of the Regulations of Connecticut State Agencies. Specifically:

Regulation: CT state regulation (d)-1(e)(2)

Violation Reason: (d)-1 tank beyond life expectancy

Required Action: Permanently close UST

Applies To: TANK A-1 (Containing Heating Oil(on-site consumption) with Capacity of 10000 gallons) Applies To: TANK B-1 (Containing Heating Oil(on-site consumption) with Capacity of 10000 gallons)

When you have corrected the violation(s) alleged in this Notice, you should submit in writing the details of the corrective action(s). The submittal should be made within thirty (30) days on the enclosed Compliance Statement, and sent to the UST NOV Compliance Office. Until the DEEP has received such a statement, the DEEP will presume you remain in violation. If the violation(s) cannot be corrected within thirty (30) days, provide a schedule of compliance (that includes a timetable) on the enclosed Compliance Statement within thirty (30) days describing the actions you will take to correct the violation(s). Your actions in response to this Notice, including submission of the attached Compliance Statement, may affect the DEEP's decision whether or not to take formal enforcement action.

The Compliance Statement should include, but not necessarily be limited to (1) initial analytical results for samples taken from the site; (2) analytical results for samples showing that contamination at the site has been corrected; (3) analytical results evaluating the migration or lack thereof of contamination at the site, (4) documentation confirming that the alleged violations have been remedied, and (5) measures taken to prevent future such violations at this site or other sites or (6) a schedule for providing (1) through (5).

A. Other violations may exist; legal obligations. This Notice does not necessarily specify all violations of Connecticut environmental law or violations of any other legal requirements, which may exist at the aforementioned property. This Notice does not preclude the DEEP or other state, local or federal agencies from commencing any enforcement action regarding any such violations. Your facility may be inspected

- again pursuant to law and without additional prior notice to determine compliance with state and any applicable federal law. It is your responsibility to comply with all legal requirements, whether or not the DEEP notifies you of any violations or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law.
- B. <u>Enforcement action</u>. Civil penalties of up to \$25,000 may be assessed for each day of each violation under Sections 22a-131 and 22a-438 of the Connecticut General Statutes. Notwithstanding the issuance of this Notice, the DEEP may seek such penalties and may issue an order, seek an injunction, or take other legal action under Chapters 439, 445 and 446 of the Connecticut General Statutes.
- C. <u>No assurance by Commissioner</u>. No provision of this Notice and no action or inaction by the Commissioner shall be construed to constitute an assurance by the Commissioner that actions you may take to address the violation alleged herein will result in compliance.
- D. <u>DEEP contact</u>. Should you have any questions regarding the above, please contact the UST NOV Compliance Office via telephone at (860) 424-3886, via FAX at (860) 424-4061, or via email at deep.ustnov@ct.gov.

For DEEP: Aary 2. Bellin	For Respondent: Thomas Termo		
Signature of staff issuing NOV	Signature		
2/26/2018 Date	CITY OF NEW LONDON Name (Please Print)		
	Facility Owner Title		
	2/26/2018 Date		

COMPLIANCE STATEMENT

This Compliance Statement shall be signed by: (I) You (if an individual-the individual signs); (if a corporation or partnership-by a responsible corporate officer/general partner or a duly authorized representative of such person, as those terms are defined in Section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies); or (if a municipality-chief elected official or principal executive officer) and (II) if different, by the individual responsible for actually preparing such statement, each of whom shall read and sign the certification regarding false statements on the Compliance Statement.

Within fifteen days of the date you become aware of a change in any information in the Compliance Statement, or that any information was inaccurate or misleading or that any relevant information was omitted, submit the correct or omitted information to the UST NOV Compliance Office as indicated in the Notice of Violations.

Notice of Violation No.

NOVUST-GB18-0021

Facility Name:

NEW LONDON HIGH SCHOOL

(Site)Address:

490 JEFFERSON AVE

NEW LONDON, CT 06320-2525

In accordance with the directions in the above-referenced Notice of Violation, I certify that the noted violations have been corrected in the following manner:

> Attach additional sheet(s) as needed (Enclose supporting documentation demonstrating compliance)

> > Certification of Accuracy

I certify that the information in this Compliance Statement and any attachments thereto are true, accurate and complete, and I understand that any false statement may be punishable as a criminal offense under Connecticut General Statutes Section 22a-6 and 53a-157.

Date	Signature
Telephone	Name and Title
	Address
Date	Preparers Signature, if different than the above
Telephone	Name and Title
	Address

ADVICE TO RECIPIENTS OF NOTICES OF VIOLATION*

Read the Notice of Violation: It tells you:

- ! what activity you have conducted or what condition on your property is causing or may result in damage to the environment;
- ! the environmental laws you are not complying with;
- in some cases, what action you need to take to address the environmental problem;
- ! how quickly DEEP expects you to take action; and
- ! who to contact if you have a question or problem.

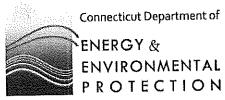
<u>Do Not Cause Additional Problems:</u> Make sure that you do not engage in activity that might result in further environmental harm.

Follow the Deadlines: If you can't meet the deadlines provided in the Notice of Violation, call the contact person. Explain why you can't meet the deadline. Staff will explore with you the feasibility of alternate deadlines.

Cooperate with DEEP: Generally, DEEP's first attempt to resolve the types of violations alleged in this case is through the issuance of a Notice of Violation. If you disregard this notice, it will be assumed you do not wish to cooperate and you should expect that DEEP will take more formal enforcement action. This can include issuing an administrative order, and/or filing suit to obtain an injunction and penalties as provided by law. The most important thing to remember is to call DEEP if you have any questions.

Call if you don't Understand: DEEP staff name and telephone number are given at the end of the Notice of Violation. Staff are there to try to answer your questions and work with you to resolve the environmental compliance issue. In some cases you may need to obtain the services of a professional consultant to plan and implement effective corrective measures. DEEP staff can discuss with you the kind of professional help you may need to address the alleged violation cited in the notice.

^{*} The Notice of Violation does not necessarily specify all environmental violations which may exist at your property regulated by the Department. Nothing in the Notice relieves you of other obligations under applicable federal, state and local law.



WARNING LETTER WARNING # WLUST-GB18-0035 - Site # 95-1435

CITY OF NEW LONDON 134 WILLIAMS ST **NEW LONDON, CT 06320-5231**

Subject: Underground Storage Tank Violation(s)

The purpose of this Notice is to inform you that personnel of the Department of Energy and Environmental Protection ("DEEP") have made observations or otherwise obtained information indicating that a violation of law has occurred at the property located at 490 JEFFERSON AVE, NEW LONDON, CT 06320-2525. On 2/26/2018, the DEEP, Bureau of Materials Management and Compliance Assurance, Storage Tank and PCB Enforcement Unit conducted an inspection. Based upon that inspection, it appears that you have failed to comply with Sections 22a-449(d) 101-113 of the Regulations of Connecticut State Agencies. Specifically:

Regulation: CT state regulation (d)-1(d)

Violation Reason: A review of DEP records indicates that we do not have a registration form with current information.

Required Action: Please provide a completed registration through EZ-File for the facility and all unregistered UST systems.

The violation(s) described above identify non-compliance with state and/or federal regulations. Since the on-site inspector has issued a warning letter you need not send in proof of compliance, but it is your responsibility to regain and stay in compliance with these regulations.

- Other violations may exist; legal obligations. This Notice does not necessarily specify all violations of Connecticut environmental law or violations of any other legal requirements, which may exist at the aforementioned property. This Notice does not preclude the DEEP or other state, local or federal agencies from commencing any enforcement action regarding any such violations. Your facility may be inspected again pursuant to law and without additional prior notice to determine compliance with state and any applicable federal law. It is your responsibility to comply with all legal requirements, whether or not the DEEP notifies you of any violations or takes any enforcement action against you. Nothing in this Notice relieves you of other obligations under applicable federal, state and local law.
- No assurance by Commissioner. No provision of this Notice and no action or inaction by the В.

Commissioner shall be construed to constitute an assurance by the Commissioner that actions you may take to address the violation alleged herein will result in compliance.

C. <u>DEEP contact</u>. Should you have any questions regarding the above, please contact the UST NOV Compliance Office via telephone at (860) 424-3886, via FAX at (860) 424-4061, or via email at deep.ustnov@ct.gov. Please reference "Warning # WLUST-GB18-0035" in all correspondence.

For DEEP: Aug 2 Bellu	For Respondent: Thomas Termo Thomas Termo
Signature of staff issuing warning letter	Signature
2/26/2018 Date	Name (Please Print)
	Title
	2/26/2018 Date



UST Compliance Inspection Checklist

Connecticut Department of Energy and Environmental Protection

Storage Tank and PCB Enforcement Unit 79 Elm Street, Hartford, CT 06106 860-424-3374

GENERAL:

Inspection Date: 2/26/2018

Site ID:	95-1435	Inspector	Gary Bellmar			
Site Name	NEW LONDON HIGH SCHOOL	Reason	Compliance			
Site Address	490 JEFFERSON AVE NEW LONDON, CT Inspection 06320-2525 Type Full Inspection					
	00320*2323					
Contacts	Contact Information					
		ST NEW LONDON	I, CT 06320, Phone: (860) 447-			

Spill Prevention Product Notes Release Detection Piping – Installed: 5/1/197 Construction	Oil(on-site consumption) (10000) Spill Containment No release detection required	Tank Options Structure to so gallons Overfill Prevention Spill Prevention Note Corrosion Protection Type	
Corrosion Protection Type Impressed Current Syste Compartment: a - Heating Spill Prevention Product Notes Release Detection Piping – Installed: 5/1/197 Construction	Oil(on-site consumption) (10000) Spill Containment No release detection required	O gallons) Overfill Prevention Spill Prevention Note	
Impressed Current Syste Compartment: a - Heating Spill Prevention Product Notes Release Detection Piping – Installed: 5/1/197 Construction	Oil(on-site consumption) (10000) Spill Containment No release detection required	O gallons) Overfill Prevention Spill Prevention Note	
Spill Prevention Product Notes Release Detection Piping – Installed: 5/1/197 Construction	Spill Containment No release detection required	Overfill Prevention Spill Prevention Note	Not Required
Spill Prevention Product Notes Release Detection Piping – Installed: 5/1/197 Construction	Spill Containment No release detection required	Overfill Prevention Spill Prevention Note	Not Required
Release Detection 1 Piping – Installed: 5/1/197 Construction (0		Not Required
Release Detection 1 Piping – Installed: 5/1/197 Construction (0	Corrosion Protection Type	Not Required
Construction (Other (Specify)	Corrosion Protection Type	Not Required
Construction (Other (Specify)	Corrosion Protection Type	
Construction Notes			•
	steel thru PVC chase pipe	Piping Options	Single Walled, Containment Sumps @ Tanks, Metallic piping isolated from soil and water, Metallic fittings isolated from soil and water
Piping Release Detection			
Pump Type	American Suction (Check Valve is at Tank)	Line Leak Detector	
Primary Method			
	. T. (1000) . H Y. T	1. 1/1/1050	
Tank ID: B-1 - Currently In Construction A	n Use (10000 gallons) – Installed Asphalt Coated or Bare Steel	Life Expectancy 15	5 years
7.11	- Inplication of Date Steel	Tank Options	-
Construction Notes	DI ANIV	rank Options	
Corrosion Protection Typ Impressed Current Syste		Structure to so	oil voltage
	g Oil(on-site consumption) (1000 Spill Containment	Overfill Prevention	
	Spin Comainment	Spill Prevention Note	
Product Notes Release Detection		alun i icienton i ioro	

Construction Notes steel thru PVC chase pipe Piping Options Single Walled, Containment Sumps @ Tanks, Metallic piping isolated from soil and water, Metallic fittings isolated from soil and water Piping Release Detection Pump Type American Suction (Check Line Leak Detector	Construction	Other (Specify)	Corrosion Protection Type	Not Required
Pump Type American Suction (Check Line Leak Detector		steel thru PVC chase pipe	Piping Options	Sumps @ Tanks, Metallic piping isolated from soil and water, Metallic fittings
Pump Type American Suction (Check Line Leak Detector	iping Release Detectio	n	***	3
	 A. M. Anne and process of the contract of the con	American Suction (Check Valve is at Tank)	Line Leak Detector	
Primary Method	Primary Method			

Narrative Comments

02/26/2018 Inspector: Gary Bellmar - This site lists two single wall asphault coated steel 10K heating oil UST's (one installed in 1950/1970 and one installed in 1970. both tanks are listed as currently in use. Location now has a single 20K UST heating oil tank that is DW and is monitored by a Veeder Root TLS 300C. All sensors are normal, sump and annular. High water alarm is active with 3.75 inches of water that should be removed by vacuum truck immediately. Piping sump has 1 - 3 inches of liquid that also needs to be removed by vacuum truck and disposed of as hazardous waste. Sensor for this sump was elevated from bottom of sump. This sensor needs to be re-positioned to the bottom of the sump containment pan. Please confirm that there is 3.75 inches of water in UST by using gas stick and water detection paste. Numerous violations are in place at this site. Annual Tank Notification needs to be updated on-line via EZFile to the State of CT DEEP within 30 days. If assistance is needed, contact Moises Torrent at the DEEP, 1-860-424-3343. Written Warning issued.

Potential Violations

Regulation: CT state regulation (d)-1(d)

Violation Reason: A review of DEP records indicates that we do not have a registration form with current information. Required Action: Please provide a completed registration through EZ-File for the facility and all unregistered UST systems.

Regulation: CT state regulation (d)-1(e)(2)

Violation Reason: (d)-1 tank beyond life expectancy

Required Action: Permanently close UST

Applies To: TANK A-1 (Containing Heating Oil(on-site consumption) with Capacity of 10000 gallons) Applies To: TANK B-1 (Containing Heating Oil(on-site consumption) with Capacity of 10000 gallons) Inspector Signature Thomas Ferrad

Recipient Signature

CITY OF NEW LONDON

Recipient Printed Name

Facility Owner

Position/Title

Risk Management 13 Masonic Street New London, CT 06320



Phone (860) 447-5218 Fax (860) 447-5297

CITY OF NEW LONDON

Gary Bellmar CT Department of Energy & Environmental Protection UST NOV Compliance Office Underground Storage Tank Program 77 Elm Street Hartford, CT 06106-5127

March 26, 2018

Re: City of New London

Underground Storage Tank Violations & Warning Letters

Mr. Bellmar:

I am writing to provide an update on the referenced underground storage tank (UST) violations and warning letters and request a time extension for compliance. The City has retained Paul Burgess, PE, LEP, Paul Burgess, LLC to assist us in UST compliance and closure. The following status summary is provided.

New London Fire Dept. 297 Bank Street NOVUST-GB18-0026- Site 95-1428 March 3, 2018

Notice of Violation – 1,000 gallon fuel oil UST beyond life expectancy. Required Action- Permanently close UST

The City plans to removed the UST or abandon it in place. This requires a UST removal or abandonment specification to be prepared, the project competitively bid and the project implemented.

Warning Letter # WLUST-GB18-004- Site 95-1428

EZ- File registration required for the UST.

The City will complete the UST EZ-file registration after the UST removal or abandonment.

Harbor School 432 Montauk Ave. NOVUST-GB18-0022- Site 95-1408 February 26, 2018

Notice of Violation – 2,000 gallon fuel oil UST beyond life expectancy. Required Action- Permanently close UST

The City plans to remove a 5,000 gallon UST, which was originally used in a dual fuel system. The City has determined that natural gas can be used without a fuel oil backup. The City is researching to determine if the

2,000 gallon fuel oil UST was previously removed. If not, it will be removed in conjunction with the current 5,000 gallon UST. This requires a UST removal specification to be prepared, the project competitively bid and the project implemented.

Warning Letter # WLUST-GB18-0036- Site 95-1408

EZ- File Registration required for the UST.

The City will complete the UST EZ-file registration after the UST(s) removal.

36 Waller St. (Current Benny Dover Middle School - Former NL Junior High, 134 William Street)

Warning Letter #WLUST-GB18-0034- Site 95-1410 February 26, 2018

EZ- File Registration required for the UST.

The City is currently researching available UST information. It is anticipated the UST EZ-file registration indicating UST removal will be completed by May 1, 2018.

New London High School 490 Jefferson Ave. NOVUST-GB18-0021-Site 95-1435 February 26, 2018

Notice of Violation- Two fuel oil USTs @ 10,000 gallon beyond life expectancy. Required Action- Permanently close USTs.

Fire Marshal Records suggest USTs removed in 1992. The City is conducting further research regarding the status of these USTs

Warning Letter WLUST-GB18-0035

EZ-File registration required for the USTs.

The City is currently researching available UST information. It is anticipated the UST EZ-file registration indicating UST removals and for the existing 20,000 gallon fuel oil UST will be completed by May 1, 2018.

In addition, the City of working on correcting the water in the UST and sump.

In summary, the City of New London requests an extension to July 1, 2018 to complete the budgeting, public bidding and removal of the Harbor School UST(s) and the Fire Headquarters UST. We will keep CTDEEP updated on this project as it progresses.

Sincerely.

Paul W. Gills

Paul W. Gills CSP, ARM, ALCM

Risk Manager

City of New London

13 Masonic Street

New London, CT. 06320

From:

Gills, Paul

Sent:

Wednesday, March 07, 2018 3:55 PM

To:

Mayor Passero; Tracy, Stephen; Gray, Don; Funk, Robert; Sear, Brian; Denoia, David; Barlow, William; Gautier Jr., Miguel; 'McCoy, Kathleen'; Fields, Steven; Kydd, Henry

Darlow, William, Gadder Jr., Wilgaer, Wiccoy, Rathiecer, Fleids, Seeven,

Subject:

DEEP tank inspections-notice of violations-action plan for compliance

Attachments:

NLUSTDEEPviolations3718.pdf

Good afternoon all-

This email is to inform you of recent DEEP regulatory enforcement inspection actions by DEEP pertaining to city owned underground oil storage tanks.(UST) The inspections were precipitated by a significant oil leak and environmental remediation issue at the town of Newington. The leak involved 19,000 gallons of oil resulting in \$4million environmental remediation cost borne by the taxpayers. DEEP is conducting inspections of all Ct. municipal UST's registered with the state.

On 3/6/18 I, Vern Skau and Director Sear met with DEEP Compliance specialist Gary Bellmar to discuss recent inspections and the DEEP UST filing requirements. The last time the city filed the required UST annual notifications was in 1987. We are out of compliance and must complete the filings as required.

The following locations were inspected and violations identified:

- 1.) 3/6/18-NLFD HQ 297 Bank st- 1k heating oil tank from 1956-not properly permanently closed. Inspector was unable to access fill pipe to determine if product is still in tank. No annual tank notification.
- 2.) 2/26/18-Harbor school 432 Montauk Ave-possible 1960 2.5k tank in ground. (unknown if tank was removed)Current 5k UST in place-no notification on file. Sump buried under large steel plate and fill bucket tarred over.
- 3.) 2/26/18-BDJMS 36 Waller st- unknown if 1960 10k tank has been removed . no annual tank filing-if tank is still in ground. Note-natural gas now used.
- 4.) 2/26/18-NLHS 490 Jefferson Ave- two 1950/1970 10k heating oil tanks registered-presumed removed/abandoned. (?) single 20k tank in place with monitoring system. High water alarm indicates 3.5" of water in tank. Water needs to be removed immediately. Sump has 1-2 " of contaminated liquid-needs to be removed. sensor needs to be re-positioned. No annual tank notification.

Actions required-

- 1.) Confirmed receipt of all inspections to DEEP(Gary Bellmore)-completed 3/7/18.
- 2.) NLHS-<u>immediately</u> remove water from tank, correct sensor position and remove liquid from sump. (Miguel to provide status.)
- 3.) Identify and retain environmental consultant to assist with city/NLPS tank inventory, condition assessment and annual tank notification filing. (TBD-<u>Priority</u>)
- 4.) Determine status of UST at NLFD HQ.-removal/closure documentation.(TBD)
- 5.) Determine status of 1960 2.5k UST at Harbor School-removal /closure documentation.(TBD)
- 6.) Determine status of 1960 10k UST at BDJMS-removal/closure documentation.(TBD)
- 7.) Determine status of two 1950/1970 10k UST-removal /closure documentation.(TBD)

Compliance/corrective actions must be made to DEEP within 30 days. Targetdates-3/26/18 and 4/8/18.

I recommend that a working group be established to oversee compliance consisting of Brian Sear, Vern Skau, Miguel Gauthier and myself. Additional information and status reports will be updated as we progress.

We must move quickly to resolve the above noted compliance issues to avoid costly fines. (\$25,000 per day)

Should you have questions, please let me know.

Regards,

Paul W. Gills
Paul W. Gills CSP,ARM,ALCM
Risk Manager
City of New London
13 Masonic Street
New London,Ct. 06320
Tel. 860.437.6363
Cell 860.961.7866



From:

paul@paulburgessllc.com

Sent:

Monday, May 21, 2018 2:49 PM Denoia, David; Miguel J. Gautier

To: Cc:

Gills, Paul; Sear, Brian

Subject:

[Fwd: Approval Notice for FilingID 40554]

Attachments:

ApprovedLetter.pdf

----- Original Message ------

Subject: Approval Notice for FilingID 40554

From: eFiling@ct.gov

Date: Mon, May 21, 2018 1:59 pm To: paul@paulburgessllc.com

The UST registrations for the 20,000 fuel oil (in use) and the 2@ 10,000 USTs (removed) for NLHS has been approved by CTDEEP (see attached). Please keep this document for your files.

Please note the annual October 10th renewal requirement for all registered USTs. I can show Dave how to do this on EZ file.

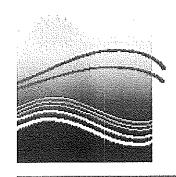
Miguel- Once you provide me documentation that the 20,000 gal UST sump and monitoring system has been corrected, we can submit a compliance statement for this NOV.

Paul Burgess 860 608 9820

The EI Permit application for this UST submission 2337614 has been approved. It has been assigned an approved ElNumber of 2337846.

1

1



Connecticut Department of

ENERGY & ENVIRONMENTAL PROTECTION

79 Elm Street • Hartford, CT 06106-5127

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Underground Storage Tank and PCB Enforcement Unit

Notice of Application Approval

CITY OF NEW LONDON 490 JEFFERSON AVE NEW LONDON, CT06320-2525 Attn: Miguel Gautier Jr.

Re: Application Number:

2337614

Received on:

05/17/2018

The Notification of Underground Storage Tanks submitted 05/17/2018 for Facility ID 95-1435, located at 490 JEFFERSON AVE, NEW LONDON, CT06320-2525 has been received by the Connecticut Department of Energy and Environmental Protection. All of the required information is found to be complete.

As a reminder, annual notification and payment is required by October 10 of each year and notifications regarding changes in information, closures, or new installations should continue to be submitted within thirty days of such event, along with any applicable fee, in accordance with the UST regulations.

If you have any questions, please email them to deep.ustenforcement@ct.gov.

May, 21 2018

Date

Lori Saliby
Lori Saliby
Supervising Environmental Analyst,
Underground Storage Tank
and PCB Enforcement Unit

From:

Paul Burgess <paul@paulburgessllc.com>

Sent:

Monday, April 30, 2018 8:25 AM

To:

Skau, Vernon

Cc:

Gills, Paul; Denoia, David; Miguel J. Gautier

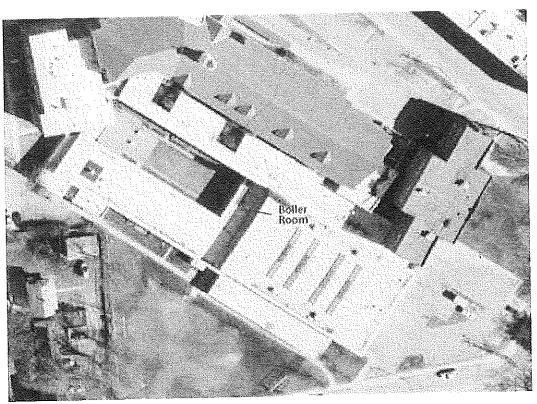
Subject:

BDMS and NLHS Tanks

Hi Vern-

To comply with the DEEP underground storage tank DEEP violations, we are still trying to confirm a couple of issues. Do you have any contact with Calvin Darrow? These are the questions.

Benny Dover School-. DEEP records list a 10,000 gal fuel oil tank still in use. We know the school switched to gas
around 2010. You provided me an email dated 10/3/2013 from Calvin stating
"the oil tanks are not connected to boilers- technically abandoned in place". Would he recall where tank(s)
were/are located? See photo below-



2. **High School**- Does he recall the location of the two oil tanks at NLHS before the existing 20,000 gal tank was installed? You provided me your fire information that the new 20,000 gal tank was installed in 1994. The records you provided me stated "oil tank removed from ground dated 6-23/92". Does he recall **two** tanks being removed and were they located in the same general area as the existing tank?

Thank in advance if you can assist in tracking this information down? If not- understood.

Thanks Paul Burgess Virus-free. www.avast.com

From:

Paul Burgess <paul@paulburgessllc.com>

Sent:

Monday, April 30, 2018 8:25 AM

To:

Miguel J. Gautier

Cc:

Gills, Paul; Denoia, David

Subject:

NL School UST Inpection

Miguel- Thanks for spending time with me on Friday to inspect several schools to get a better understanding of underground storage tank (UST) conditions.

The following comments/recommendation are provided:

BDMS

1. We identified a new UST associated with the emergency generator on the southwest (rear) side of the building. The good news is this UST is exempt from registration, because it is used to fuel an emergency generator. It does need the comply with UST regs regarding design and installation standards. If you can determine size and tank details and approx date of installation it would be helpful. Perhaps the Contractor that installed the generator would have information.

2. Regarding the status of the former heating oil UST, we still need to do further research. I checked aerial photographs going back to 1965 and the courtyard was always enclosed. Doesn't make sense that an oil UST would have been at the location I suspected, unless I am missing something. A Fire Marshal 10/2013 email stated "oil tanks not connected to boilers- technically abandoned"

Can you check when the last delivery of fuel oil was at this school?

Jennings

- 1. As we found out, this school operates a dual fuel burner (gas & oil). An underground fuel oil UST was installed circa 2006 when the school was constructed. Kevin Monday(custodian) indicated the burner was fired once with fuel oil at that time. He recalled approximately 200 gallons of fuel oil may have been placed in the UST at that time
- 2. The Veeder-Root monitoring system is not functioning properly.
- 3. As we discussed, if you could pursue the following:
 - Try to find the as-built plans/shop drawings for this UST. The UST will require registration and I will need this info.
 - Could you contact Service Station Eqp (or equivalent) and have then fix the Vedeer Root system and determine the design features of the UST. Please coordinate with me so I can be present.

NLHS

1. We observed the 20,000 gal fuel oil UST. The UST is not registered. We have Fire Marshal records about the UST and installation (6/30/1992) so we can register this tank. The DEEP had the following comments about this UST

Narrative Comments

02/26/2018 Inspector: Gary Bellmar - This site lists two single wall asphault coated steel 10K heating oil US in 1950/1970 and one installed in 1970, both tanks are listed as currently in use. Location now has a single 20 oil tank that is DW and is monitored by a Veeder Root TLS 300C. All sensors are normal, sump and annular. is active with 3.75 inches of water that should be removed by vacuum truck immediately. Piping sump has 1. liquid that also needs to be removed by vacuum truck and disposed of as hazardous waste. Sensor for this sun from bottom of sump. This sensor needs to be re-positioned to the bottom of the sump containment pan. Plear there is 3.75 inches of water in UST by using gas stick and water detection paste. Numerous violations are in

If you could follow-up to get the water/waste removed and properly disposed, and have Service Station Eqp. correct the sensor and check other UST monitoring functions noted in the Violation. Please let me know when this is conducted so I can be onsite to get as much info as possible for the registration requirements.

2. There was no visual evidence of the two-10,000 gallon fuel oil USTs that are currently registered in the DEEP database as in use. We inspected the area near the current 20,000 gallon UST and the back of the building closest to the boiler room. A Fire Marshal record about these tanks is as follows:

5-23-92 1330 hours Oil Tank Removed from DROUMS Temporary Tent still in back Temp Tent to be changed 6. 24-97

I interpret this as documentation that these USTs were in the same location as the current 20,000 gal UST and they were removed. We can update DEEP UST registration to indicate that these USTs were removed.

Harbor School

- 1. You are in the process of having the remaining oil in the 5,000 gal UST fuel oil UST removed. This tank will be eliminated from use and be removed.
- 2. There is indication that a 2,000 gal fuel oil UST, currently registered in the DEEP database as in useinstalled 1960, may remain buried onsite.
- 3. The specification for removal of the 5,000 gal UST should have a bid alternative to investigate the presence of the 2,000 gal UST and remove if identified.

Please let me know if there are questions and keep me up to date on the status of the follow-up items.

Thanks Paul Burgess 860 608 9820

From:

Skau, Vernon

Sent:

Wednesday, March 21, 2018 12:31 PM

To:

Paul Burgess Gills, Paul

Cc: Subject: RE: New London USTs

Attachments:

UST High School.pdf

So far this is what I have:
I have researched the files for:
High School – see attached forms – documents
Nathan Hale – Nothing in the file
UST File – Nothing found

Still have to research: Harbor – Jennings - Bennie Dover

More information to come

Vernon Skau, IAAI CFI Fire Marshal New London Fire Department 289 Bank Street New London CT, 06320

(860) 447 - 5294

From: Paul Burgess [mailto:paul@paulburgessllc.com]

Sent: Wednesday, March 21, 2018 7:08 AM

To: Skau, Vernon Cc: Gills, Paul

Subject: New London USTs

Hi Mr. Skau-

Thanks for spending the time with me last Thursday assisting my review of your files.

Did you have any luck finding further information in the archives?

If you did I can stop by and copy what you found.

Thanks

Paul Burgess 860 608 9820



FIRE MARSHAL'S BUREAU CITY OF NEW LONDON TANK INSTALLATION REPORT

Location: NEW	LONDON HIGH SCHOOL	Date: _	7/9/92
Type of Tank:	Underground X	Abovegro	und
Construction of T	ank:		
Single Wall St	eelFiberglas	s X Dbl. W	all <u>X</u>
Contractor(s): _F	ALVEY CONSTRUCTION,	INC.	
Address(s): 12 F	IRETOWER ROAD	Phone: <u>663</u>	-1695
_KILL	INGWORTH, CT	··	
	INSPECTION		
Visual:	Satisfactory <u>X</u>	Unsatisfac	tory
Hydrostatic Test:	Satisfactory X	Unsatisfac	tory
Comments: <u>UNDERG</u>	ROUND TANK DOUBLE W	ALL - 10'-5-1/	<u>2" X</u>
37'-5" 20,000 E	SAL. 5 LB AIR TEST-	ALL CONNECTION	S AND
VALVES TESTED OK			
Testing in Accord	dance with: NFPA 3	O X NFP	1 E A
Photographs Taker	1: Y	'ES	NO <u>X</u>
Tank Manufacturer	or Supplier: DOW	CORNING	
Serial #s of New	Tanks:		
1. U.L. 630791	4.		
2. 3.	5. 6.		
Removal of Tanks:	ı		
Visual:	Satisfactory	Unsatisfact	ory
Soil:	Samples Taken	YES	NO
Photographs:	Taken	YES	NO
DEP Notified:		YES	NO
Town Depts.:			
Serial #:			
Comments:			

*This checklist must be completed in its entirety by a trained O/C TANKS contractor to validate the 30 year structural warranty. For warranty details, see Publications "Single-Wall Fiberglas Tanks for Underground Petroleum Storage," Pub. No. 3-PE-6312 and "Double-Wall Fiberglas Tanks for Underground Petroleum Storage," Pub. No. 5-PE-16207.

warranty. For warranty details, some wall Fiberglas Tanks for Undergrounds. No. 3-PE-6312 and "Double-Wall Fiberglas Tanks for Undergrounds."		Date	-30-92
THE THE POST ACE.	14		
b Address Jeffenson Ave. New Landon	Foreman: /	Mathew !	Talver
stallation Contractor Fulley Coast, Corp.	Title P.G.	166 1 110000 2	
wner Representative: THE WINTHEAP (SPOND)		Contractor	Owner's
nstallation Checklist Total		Foreman	Representative
. Handling and Testing § Single-wall tanks tested at 5 psi for 4′, 6′, 8′ and 10′ diameter tanks; 3 ps diameter tanks. Soapy water solution applied and the entire tank surfac	i for 12′ e carefully	MOF	
inspected for air bubbles. Double wall tanks tested in strict conformance with "Test Instructions" tank (Label No. L.22.20). Do not connect the air hose directly to fitting	label on		
tank (Label No. L.22.20). Do Not comment the Little annular space. 3 Hydrostatic test of secondary containment collar complete (fill collar with the secondary containment collar complete).			
12 hours, and check to reaks).			
Meets all ASTM C-33 requirements for quality and southern backfill supbackfill materials passes through a #8 sieve. Attach copy of backfill supbackfill materials passes through a #8 sieve.	pplier sieve	MOF	- E/D-
Supplier Trickwold 545 Type 3/2 Criskad (In accordance with installation speci	fications.)	MOF	
Pea Gravel—Clean naturally rounded aggregate, with particle size not	less than 1/6"		
or more than 3/2" in diameter. Crushed Stone or Crushed Gravel—Washed crushed stone or gravel of Crushed Stone or Crushed Gravel—Washed crushed stone or gravel of the party	vith angular		a.
☐ Sieve analysis from a qualified soil engineer of from a series	oforrad)		£1\$.
the Stable walls—4', 6', 8' and 10' diameter talks—10' minutes	hole walls and	MPF	2778.
 Stable walls—12' diameter tanks—24 Thirming Devices tanks and hole value of the stable walls—12' diameter tanks—24 Thirming Devices tanks and hole value of the stable walls—12' diameter tanks—24 Thirming Devices tanks and hole value of the stable walls—12' diameter tanks—24 Thirming Devices tanks and hole value of the stable walls—12' diameter tanks—24 Thirming Devices tanks—24 Thirming Devic	valls; 18"		
minimum between adjacent tarks. (21		MAF	E10.
D. Anchoring D. Hole flooding from high water table anticipated. Hole flooding from external surface water anticipated.			
Completed in accordance with installation more designation in the control of the			
Owner's representative aware of anchoring requirements. □ Not required.		- 4	Ph
E. Installation Procedures	toms between	1900	- Ell-
Initial backfill—1st two 12" lifts pushed completely and ribs and under end caps to eliminate all voids.		MOF	
 Completed backfilling to tops of talks in uniform the same and filled until backfilled to the tops of the tanks. Exception: 	wet holes. See	MAR	
E Tanks completely filled with water or product after business	enhalt or 18" of		
 Depth of bury/slab for traffic bonds. Depth of bury/slab for traffic bonds. d'-10' diameter tanks: 36" of backfill, or 30" of backfill plus 6" of a backfill plus 6" of reinforced concrete. diameter tanks: 38" of backfill plus 6" of asphalt or 38" of backfill plus 6" of asphalt or 38". 	kfill plus 6" of		
reinforced concrete.	ons:		
b. Unstable soils (muck or landfill)			
c. Water condition with silty soil See installation instructions 3-PE-6304 for recommended brand 8. Reference O/C TANKS Publication 3-PE-6304 for complete insta	name filter fabrics. allation instructions	. .	

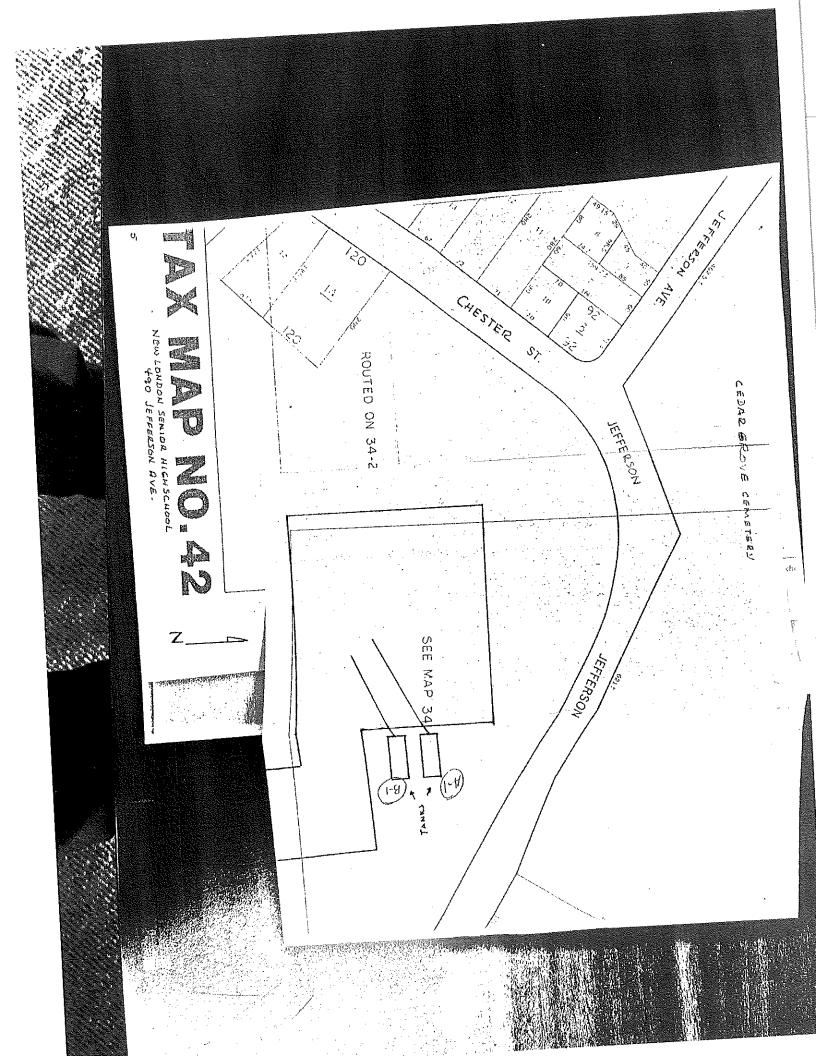
6-23-92

1330 hours

Oil Tank Removed from DROUM

the state of the s

Temponars tout still in back Temp Tout to be changed 6-24-82



PROGRAM: UST RUN DATE: 08-04-88 RUN TIME: 16:36 TOWN: 094-102 US04ET1636

DEPARTMENT OF ENVIOUNTAL PROTECTION
UNDERGROUND STORAGE FACILITIES TRACKING SYSTEM
DOCUMENT NUMBER CROSS REFERENCE
EXPIRATIONS FROM:01-1950 THRU:11-1988

SITE-ID: 095-01435 LATEST DOCUMENT NO:87247162 LATEST NOTIFICATION NO:003

GRID-X:000001

PROPRIETARY7:N BASIN: 002201 JOSDAN BROOK

LONGITUDE DEGREES:072

LATITUDE DEGREES:041
MINUTES:21
SECONDS:38

[NOITABOL] OCATION] NAME: NEW LONDON SB. HIGH SCHOOL STREET: 00480 JEFFERSON AVE.
INTERSECT STREET: CHESTER STREET
CITY: NEW LONDON

[BUSINESS]

SINESS] NAME: NEW LONDON BOARD OF ED.
STREET: 00000 WILLIAMS STREET
CITY/STATE/ZIP: NEW LONDON
CT
PHONE: 205-447-4735

SECONDS: 22

[OWNER] OWNER NAME: CITY OF NEW LONDON ST. BLG DEPT CITY/STATE/ZIP:NEW LONDON CT (CITY/STATE/ZIP:NEW LONDON CT (

CT 06320-0000

[CONTACT]

CT 06320-0000 [CONTACT] NAME: ALFRED SHAFER
STREET: OCLID UNION STREET
CITY/STATE/ZIP: NEW LONDON
PHONE: 203-447-5250 CT 06320-0000

PREVIOUS NOTIFICATION/DOCUMENT NUMBERS: 001/87247160 002/87247161 003/87247162 004/87247060 005/87247062 006/87247063 007/87247015

TANK TINGE ALL TIFE LEFT USE STORED TAST USED CONTENTS н CAS# 7. 12 ス CONSTRUCT MATERIAL U ATA ţ, INTRI EXTRI PIPE N -3 al-hh Oklaia 05-70 MONITOR q

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07-70

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Ref: FCC/VVE/NLHS/CT-O/GC:1 cc: Mept. of Environmental Protection

WDE\ula

Ocsay Briste Hanassant Buresu Ocsay-Underground Storage Tanks Toxic Substances 2661 S S NUL # 1892 KECEINED

> Wanager Mathew D. Falvey FALLET. C worker M

Neth furth Konts'

If you have any questions or comments, please contact the writer at 203-663-1695.

2661 'Z & I YIUU 2661 '06 anuc Mew piping installation & testing New tank testing & installation Tank Removal

June 23, 1992

interested or necessary. The estimted key points in the project are as follows so that you may be at the site if

and completing the project on July 10, 1992. lorming the fuel tank replacement project at New London High School beginning June 22, 1992 In reference to the above-captioned project, Falvey Construction Corporation will be per-

Geurjewen:

Mew London, CT 06320 Jefferson Avenue Mew London High School - Code Compliance

> Fire Marshall *doiJn9JJA Building Inspector

> > New London, CT III Union Street Building Department CILK OF NEW LONDON

schl-sp

1992 June 18, 1992

КІГГІИ СМОНТН, СТ 06419 P.O. BOX 699 12 FIRE TOWER ROAD

FAX 203/663-2719 TEL 203/663-1695

				Garanasaid - 1 : Sundid
	17.	7.1	7	piping? P = pressurized; S = suction
	14/	1	Ob	101 O21 Systems 2 2002 of suction
				The state of the s
		1	- [2(a)401-(b)644-822 at bandaba a suffine rodev"
			1	Cristian and not a figure (9
				d) approved instantion with monitoring of ground water wells
Ì		-		b) double waited OST Michael (eg. Veeder root system) c) automatic tank gauging (eg. Veeder root system) d) approved installation and monthly monitoring of
				b) double waited OS 1-11/10/100 (20 Veeder 1001 system)
		٠,]	101	
	ĺ	to	11/	8) Which of the following lear usekly reconciliation a) inventory control (gauging / weekly reconciliation
	-	Y	′	8) Which of the following leak detection options are being used?
				Chasti ratiod one and
	-		1	O=01her (please explain)
		5	5	T= filetglass, S=suces, Care
		>	د	7) What type of UST(s) do you have?
		-3)	. 1	
		1-7	#/	G=gasoline, D=dieser fuer, where tanks (in gallons)?
				5) What do inese tanks contents of the collines of the colline
		(7)		
	<u> </u>	112	100	
	400		1	3) What are the tank I.D.'s ? (as previously registered with CT DEP and EPA) (as previously registered with CT DEP and EPA)
7	1400/2) .	1º01	65, Q1 / 100 / 1
0-1-	i		l	Use one row vertically tor each talk icomannor are a
	<u>·</u> r	ported	ər gaisd	Heating fuel tanks used for on-site consumption only are exemply for each tank fountainer that is part of the facility
	สองเก	is sitti	fo isəl i	How many are heating tuet tanks: 1
<u> </u>				consumption :(asn animumsuo)
			_	2) How many UST(s) are in service at this site in total (mercentage)
olie-no r	ioj syue	at laut	ខ្មត់ជាជន	2) How many UST(s) are in service at this site in total (including h
				1 191191 21th earnes
				[] If you own OVLY hearing fuel tanks for on-suc consumptions
bas	k here	payo a	r Djease	I) If you own ONLY heating fuel tanks for on-site consumptive use
				T Common and a Charle , III SISS 183 Managem
	_			monitoring projects. Please be advised that the information herein provide particular UST site. Please be advised that the information herein provide data currently maintained as part of the Connecticut DEP/ Federal Environate as many copies of this form as needed
gency data	Α αοίτο	Protec	lasensen I	nonitoring project. Please answer as accurately as possible an of the provide particular UST site. Please be advised that the information herein provide particular UST site. Please be advised that the information herein provide particular UST site.
**************************************	14 57 7 IDU	11111723 -01	U 11221 F	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
to yeur	าคาเลเระ วยนิถโมร	nios n n dsida	napái pu	The following questionnaire should be completed as part of a joint state as
•	anasilne	, 10		Deat UST owner/operator:
				to about and

DEEMBLYIENT OF ENVIRONMENTAL PROTECTION
STATE OF CONNECTICUT

MEM FONDON

= NEW LONDON BOARD OF ED.

		(Tank	ID's co	intinued)	
10) Do you perform release detection on piping?	· · · · · · · · · · · · · · · · · · ·				1
What kind and when?					
No					
				ling	
UST systems MUST be upgraded accordingly or closed (inclu	uding en	vironm	entai sa	mpung 10 and	
survey and remediation, if necessary) prior to December 22, 1	998, Fo	r quesu	umarade umarade	e to be	
13. please put a 'P' for upgrades that have already been made	and an	r 101 maliane	a sa nhƙianc	11/97)	
made prior to the 1998 deadline. (Please include projected da	te or cor	Приане	T CE.1	1,,,,,	
11) Spill protection provided by a catchment basin	,				
AND	N on	Lha.			
overfill protection provided by an automatic shutoff overfill					
alarm, or ball float valve				1	
(See UST Regulations Sec.22a-449(d)-102(a)(5))		+			
12) Corrosion protection for the tank and piping provided by:	12	17			
a) steel tank has corrosion resistant coating and	4	/			
cathodic protection		1_	1		
b) tank made of noncorrodible material	7	7			
(such as fiberglass) (See UST Regulations Sec. 22a-449(d)-102(a)(10))	1				
13) Corrosion protection for piping provided by:					
steel piping with a corrosion-resistant coating and	7	17			
cathodic protection	1	'			
$r_{\text{con}} = r_{\text{con}} = r_{$		<u> </u>			
(See UST Regulations Sec. 22a-4-7(u)-102(u)(107) 14) Will you be or are you now in compliance with the December	r 1998 fe	ederal a	nd state	deadline	1
for spill, overfill, and corrosion protection? YES	7	N	0	Buch	Ka

If you decide not to upgrade your existing UST system with the it	ems abo	ve, you	MUST	properly	
install a new USI system. If you subsequently install a new USI syst	iem, ine i	new mo	(allatio)	n must	
and the state of t	noer 22,	1990.			
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reports with sampling data) will be viewed as a serious violation	oj State	ana re	aerai		
environmental law.					
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Signature Date	1	otopno:			
Please return the	is letter	hv:			
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Department of Environmental Protection					
Waste Management Bureau	A	UG 2	2 1999	5	
79 Elm Street Hartford, CT 06106 ATTN: Kelly McShea		1000	₩. 17/7/2	<i>)</i>)	
Hartford, CT 06106 ATTN: Kelly McShea					ĺ
If you have any questions, please contact this office at (203) 424	4-3374.				(
If you have any questions, preuse contact and oxider and					

From:

Paul Burgess <paul@paulburgessllc.com>

Sent:

Wednesday, March 21, 2018 8:08 AM

To:

Miguel J. Gautier

Cc:

Gills, Paul

Subject:

School Underground Tanks

Attachments:

NL High UST.pdf; Harbor School UST.pdf; NL Jr High William St.pdf; Jennings UST.pdf

Mr. Gautier-

I spoke to you last week from Paul Gill's office. Yesterday I reviewed files at DEEP that are of some help (see attached)

Have you had any luck reviewing you tank records for:

- NL High School (Correspondence from Falvey Construction in 1992 references the planned removal of USTs)
- Harbor School
- Benny Dover (Attached information indicates this site may have been the site of NL Junior High School? Its
 address was 134 Williams, but it appears to be the same site as Benny Dover. I'm not sure when Benny Dover
 was built? Any records of the 10,000 gal tank being removed?

I have also attached a tank registration form (6/1991) I found in CTDEEP files for Jennings School (5,000 gal fuel oil) installed 1985. Do you have records of removal?

Let me know if you have found any information. I will be in touch with you after the snow melts to arrange a meeting to inspect the schools in question.

Thanks

Paul Burgess, PE, LEP Paul Burgess, LLC 860 608 9820



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