



Civil Engineering | Land Surveying | Environmental Sciences

**Environmental Review Record  
and  
Statutory Checklist**

**Residence of Charles and Barbara Degoursey  
10 Chetwood Street  
Milford, CT**

**NEPA Compliance Document  
Prepared Pursuant to 24 CFR Part 58**

**February 24, 2015**

*Prepared for:*  
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and  
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## Table of Contents

1.0	Project Description and Location	1
2.0	Explanation of Categorical Exclusion	1
3.0	Statutory Checklist	2
4.0	Agency Consultation and Mitigation Measures Required	2
5.0	Determination	3
6.0	References	4
7.0	Summary of Preparer Qualifications	4

## Appendices

Appendix A	Statutory Checklist
Appendix B	Project Location and Vicinity Maps
Appendix C	Resource Maps and Supporting Documents
Appendix D	Limited Hazardous Materials Inspection Report

## 1.0 Project Description and Location

The State of Connecticut Action Plan for Community Development Block Grant Program Disaster Recovery submitted a Plan to the U.S. Department of Housing and Urban Development ("HUD") as part of a receipt of \$71,820,000 of federal funding under the Community Development Block Grant - Disaster Recovery (CDBG-DR) Program.

The funding was authorized under The Disaster Relief Appropriations Act of January 29, 2013. The allocation of the Funding to the State is intended to address immediate unmet housing and economic revitalization needs in those counties and jurisdictions that were most severely impacted by Hurricane Sandy.

Pursuant to the National Environmental Policy Act (NEPA), Freeman Companies, LLC has prepared the following environmental documentation for rehabilitation of the property located at 21 Cooper Avenue in Milford, Connecticut. We are preparing the environmental documentation in accordance with the HUD regulations 24 CFR Part 58. This project is within Connecticut Department of Housing's (DOH) Owner Occupied Rehabilitation and Rebuilding (OORR) Program.

The property is a single family residence located at approximately 41.202879 Latitude and -73.064248 Longitude. The building, constructed in 1910, is located on the south side of Chetwood Street, between the intersection of East Broadway and the end of Chetwood Street. The property is located within an AE flood plain.

The project will entail the following:

- Raising of the residence 2 feet above base flood elevation (BFE)
- Installation of new drywall and new paint on drywall
- Installation of floor insulation and finishes
- Removal of old heating system
- Demolition and reconstruction of bathroom including fixtures and finishes
- Replacement of damaged kitchen cabinets
- Replacement of first floor windows
- Replacement of damaged hollow core doors
- Installation of new deck
- Replacement of damaged framing and siding
- Cleaning of carpet
- Replacement of missing stair railings
- Alignment of building components so structure is consistent with current code
- Reframing of balcony to current code

## 2.0 Explanation of Categorical Exclusion

A Categorical Exclusion in accordance with 24 CFR Part 58.35 refers to a category of activities for which no environmental impact statement or environmental assessment and finding of no significant impact under NEPA is required, except in extraordinary circumstances. Because the project involves building rehabilitation that does not increase the unit density of the building or change land use, the project is categorically excluded under 24 CFR 58.35(a)(3)(i).

### **3.0 Statutory Checklist**

This project is determined to be Categorically Excluded according to 24 CFR 58.35(a)(3)(i). Projects may be additionally subject to review under related federal laws and authorities as determined by completing a statutory checklist. The following checklist and documentation of the findings of the checklist are incorporated into this Environmental Review Record in compliance with 24 CFR 58.

Tier 1 of a 2-step Tiered Environmental Review has already been conducted by DOH, and this Statutory Checklist shall be considered Tier 2.

The Statutory Checklist indicates whether the activity does or does not affect the resources under consideration. Status "A" indicates that the project does not require formal consultation with an outside agency and does not affect the resource in question. Status "B" indicates that the activity requires formal compliance consultation with the oversight agency or affects the resource. The documents and/or information sources used in making the determination are listed in the checklist. A compliance determination is provided following the checklist.

The checklist is included as Appendix A.

### **4.0 Agency Consultation and Mitigation Measures Required**

Based on the completion of the checklist, the following Agencies were consulted and inspections performed.

#### **4.1 Department of Economic and Community Development - State Historic Preservation Office**

The State Historic Preservation Office (SHPO) is responsible for overseeing the governmental program of historic preservation for Connecticut's citizens. SHPO administers a range of federal and state programs that identify, register and protect the buildings, sites, structures, districts and objects that comprise Connecticut's cultural heritage.

In accordance with 24 CFR 58.5(a) Historic Properties, since the property, due to its age, may be eligible for listing on the National Register of Historical Places, a request for a review of the status of the site relative to historic or cultural resources will be submitted directly by the Connecticut Department of Housing.

#### **4.2 Town of Milford - Planning and Zoning**

The Town of Milford Planning and Zoning department was consulted in regards to inland wetlands, coastal zone management, and local zoning approvals. According to the department, a coastal area management review would be required for the project. In addition approvals from inland wetlands as well as local planning and zoning may also be required.



#### 4.3 Lead

A lead inspection was performed at the property by Fuss & O'Neill on January 15, 2015. Based on the inspection the following building components were determined to contain concentrations greater than 1.0 milligrams of lead per square centimeter of paint:

- Blue wood window wells located in 2<sup>nd</sup> floor bedroom #1;
- Blue wood window wells located in 1<sup>st</sup> floor living room;
- White exterior wood window trim on the exterior B Side of residence; and
- Gray exterior wood window sill on the exterior D Side of the residence.

A lead dust hazard was also identified at the property. See the Limited Hazardous Materials Building Inspection Report (Appendix D) for additional details and discussion.

#### 4.4 Asbestos

An asbestos inspection was performed at the property by Fuss & O'Neill on January 15, 2015. Based on the results of the inspection the following tested materials were identified to contain asbestos:

- White sink undercoating in kitchen; and
- Gray cementitious panel siding on building exterior

See the Limited Hazardous Materials Building Inspection Report (Appendix D) for additional details and discussion.

#### 4.5 Radon

From January 15, 2015 through January 19, 2015, Fuss & O'Neill conducted radon testing at the residence utilizing passive radon detection canisters for at least 48 hours but no longer than 96 hours. During the course of the assessment, four samples, including one duplicate and one blank, were placed within the residence. The samples collected in the kitchen and dining room closet contained a radon concentration range of 0.1 to 0.2 pCi/L; which is below the EPA recommended action guideline of 4.0 pCi/L.

#### 4.6 Mold

On January 15, 2015, Fuss & O'Neill performed a visual assessment for the presence of suspect mold and water intrusion. Suspect mold growth was identified on the sheetrock wall of the furnace room. The bulk sample collected and analyzed was determined to contain the following species of mold:

- *Ascopores*;
- *Aspergillus/Penicillium*;
- *Chaetomium*;
- *Humicola*;
- *Monodictys*;
- *Scolecobasidium*;
- *Spadicoides*;
- *Taeniolella*; and
- *Ulocladium*

See the Limited Hazardous Materials Building Inspection Report (Appendix D) for additional details and discussion.

## 5.0 Determination

For Categorically Excluded actions pursuant to §58.35(a), the project cannot convert to “Exempt” since one or more authority requires compliance, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit.

## 6.0 References

Environmental Justice Communities List, Connecticut Department of Economic and Community Development, accessed at [http://www.ct.gov/deep/cwp/view.asp?a=2688&Q=432364&deepNav\\_GID=1511](http://www.ct.gov/deep/cwp/view.asp?a=2688&Q=432364&deepNav_GID=1511)

Endangered Species Maps, CTDEEP, accessed at <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp?nddbsel=84> Environmental Data Resource Report, *EDR Radius Map with GeoCheck*, November 10, 2014

Environmental Data Resource Report, *NEPACheck*, November 10, 2014

Flood Insurance Rate Map, Map Number 09009C0529J

Google Earth, accessed on February 6, 2015

Sole Source Aquifer Map, EPA, accessed at EPA Region 1 [http://www.epa.gov/region1/eco/drinkwater/pc\\_solesource\\_aquifer.html](http://www.epa.gov/region1/eco/drinkwater/pc_solesource_aquifer.html)

Town of Milford Assessor Card, accessed at <http://gis.vgsi.com/milfordct/>

Town of Milford Building Department

Town of Milford Coastal Area Management Program

Zoning Regulations of the Town of Milford

## 7.0 Summary of Preparer Qualifications

Mr. Charles D. Brink possesses over 20 years of experience performing and leading environmental assessment and investigation projects. He has overseen numerous hazardous material investigations and performed dozens of Phase I Environmental Site Assessments. To further his knowledge base, he has also been trained in the investigation of mold, PCBs in building materials as well as possessing experience with the management of an asbestos laboratory analyzing both bulk and air monitoring samples for asbestos.

## Appendix A

### Statutory Checklist

## Statutory Checklist for Compliance with 24 CFR §58.5 – NEPA Related Federal Laws and Authorities

(Must be completed for each individual addressed included under overall project description)

Use this worksheet for projects that are Categorically Excluded Subject to 24 CFR §58.5 listed at 24 CFR §58.35(a) and for projects that require an Environmental Assessment.

Project Name: Property of Charles and Barbara Degoursey – 10 Chetwood Street, Milford

ERR FILE # Application Number 5065

**Definitions:** **A:** The project is in compliance.

**B:** The project requires an additional compliance step or action.

Statute, Authority, Executive Order Cited at 24 CFR §58.5	A	B	COMPLIANCE FINDING	SOURCE DOCUMENTATION
1. 58.5(a) Historic Properties [36 CFR 800]		B	Consultation request submitted to SHPO directly by Department of Housing.	DOH to obtain information.
2. 58.5(b)(1) Floodplain Management [24 CFR 55, Executive Order 11988]		B	DOH has conducted 8-step analysis. Site in AE flood plain. Mitigation will consist of raising the residence 2 feet above base flood elevation (BFE).	NFIP FIRM Map 09009C0529J  A copy of the map with project location depicted is attached.
3. 58.5(b)(2) Wetland Protection [24 CFR 55, Executive Order 11990]		B	DOH has conducted 8-step analysis. Project is located in AE flood plain, but not within a wetland. Mitigation will include rising of existing building 2-feet above BFE. Mitigation activities to be included in construction scope of work. Obtaining local wetland approvals, if necessary, will be included within construction Scope of Work.	The project location is not located within a wetland. USGS Wetland map, EDR NEPA Check report and EDR Radius Map
4. 58.5(c) Coastal Zone Management [Coastal Zone Management Act sections 307(c) & (d)]		B	Project is located within Coastal Management Zone. Coastal Area Management review will be required. Review to be conducted as part of construction scope of work. No construction will be conducted until local approval is obtained.	Town of Milford Coastal Area Management Program. <a href="http://cteco.uconn.edu/map_catalog/maps/town/Coastal_Boundary/cstlbnd_MILFORD.pdf">http://cteco.uconn.edu/map_catalog/maps/town/Coastal_Boundary/cstlbnd_MILFORD.pdf</a> A copy of the map depicting the location of the property is attached.

5. 58.5(d) Sole Source Aquifers [40 CFR 149]	A		The property is not located within a sole source aquifer area. Site utilizes municipal sewer and water.	EPA Region 1 <a href="http://www.epa.gov/region1/eo/drinkwater/pc_solesource_aquifer.html">http://www.epa.gov/region1/eo/drinkwater/pc_solesource_aquifer.html</a>  A copy of the GNHWPCA service area map with project location depicted is attached
6. 58.5(e) Endangered Species [50 CFR 402]	A		Although the project location is located within a Natural Diversity area, the project location does not contain waterfront property with a sandy beach.	<a href="ftp://ftp.state.ct.us/pub/dep/gis/endangeredspeciesmaps/nd084.pdf">ftp://ftp.state.ct.us/pub/dep/gis/endangeredspeciesmaps/nd084.pdf</a>  A copy of the map with project location depicted is attached.
7. 58.5(f) Wild and Scenic Rivers [36 CFR 297]	A		Project location is not within one mile of Eight Mile River (only designated wild and scenic river within program area)	Mapping obtained from <a href="http://www.rivers.gov/maps/conus.php">http://www.rivers.gov/maps/conus.php</a>
8. 58.5(g) Air Quality [40 CFR parts 6, 51, 61, 93]	A		Project on existing developed site and should not substantially affect the CT SIP due to the implementation of standard BMPs. Project consists of residential construction with no anticipated quantifiable increase in air pollution.	<a href="http://www.epa.gov/region1/topics/air/sips/sips_ct.html">http://www.epa.gov/region1/topics/air/sips/sips_ct.html</a>
9. 58.5(h) Farmland Protection [7 CFR 658]	A		Property does not include prime or unique farmland.	<a href="http://websoilsurvey.sc.egov.usda.gov">http://websoilsurvey.sc.egov.usda.gov</a>
10. 58.5(i)(1) Noise Control and Abatement [24 CFR 51B]	A		Project is not located near an airport, highway, or railroad.	EDR Radius Map
11. 58.5 (i) (1) Explosive and Flammable Operations [24 CFR 51C]	A		Mitigation will not result in an increase to residential density of the property.	Rehabilitation work that does not alter the number dwelling units or a change of land use is not subject to Acceptable Separation Distance (ASD) requirements for HUD
12. 58.5(i)(1) Airport Hazards (Runway Clear Zones and Clear Zones/Accident Potential Zones) [24 CFR 51D]	A		Project is not located within 2,500 feet of a civilian airport runway clear zone or 15,000 feet of a military airfield clear zone.	EDR Radius Map
13. 58.5(i)(2)(i-iv) Contamination and Toxic Substances [24 CFR 58.5(i)(2)]	A		No hazard which could affect the health and safety of occupants or conflict with the intended utilization of the property was identified	Opinion of preparer who is a qualified environmental professional. Source documentation used as part of the determination is attached.

14. 58.5(j) Environmental Justice [Executive Order 12898]	A		The town of Milford does not have any Environmental Justice communities. The project will not create high and adverse human health and environmental effects.	<a href="http://www.ct.gov/deep/cwp/view.asp?a=2688&amp;Q=432364&amp;deepNav_GID=1511">http://www.ct.gov/deep/cwp/view.asp?a=2688&amp;Q=432364&amp;deepNav_GID=1511</a>  Connecticut Department of Economic and Community Development list of Environmental Justice communities
15 A. Flood Insurance [58.6(a) & (b)]		B	Per federal regulations and OORR program guidelines the homeowner will need to provide proof of flood insurance policy prior to construction. Homeowners are required to maintain flood insurance for not less than 5 years from the date of assistance.	Community Development Block Grant – Disaster Recovery (CDBG-DR) Owner Occupied Rehabilitation and Rebuilding Program guideline requirements
15 B. Coastal Barriers [58.6(c)]	A		Project is not located near Milford's coastal barriers	Connecticut Map of Coastal Barrier Resources System. A copy of the map depicting the site location is attached.
16. A Solid Waste Disposal [42 U.S.C. S3251 et seq.] and [42 U.S.C. 6901-6987 eq seq.]	A		Activities are limited to existing building footprint. Town of Milford provides weekly curbside pickup of refuse.	<a href="http://www.ci.milford.ct.us/public-works/pages/guidelines-for-garbage-collection">http://www.ci.milford.ct.us/public-works/pages/guidelines-for-garbage-collection</a>
16 B. Fish and Wildlife [U.S.C. 661-666c]	A		Project will not involve the impounding, diverting, channelizing or modification of any stream or body of water	Mitigation information obtained from Initial property Inspection report
16 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]		B	Lead based paint (LBP) and a lead dust hazard was identified at the property. See the Limited Hazardous Materials Inspection Report (Appendix D) for additional details and discussion.	Limited Hazardous Materials Inspection Report. A copy of the report is attached.
16 D. Asbestos		B	Asbestos containing material was identified at the property. See the Limited Hazardous Materials Inspection Report (Appendix D) for additional details and discussion.	Limited Hazardous Materials Inspection Report. A copy of the report is attached.
16 E. Radon [50.3 (i) 1]	A		Radon was not identified within living spaces at concentration exceeding EPA recommended guidelines	Limited Hazardous Materials Inspection Report. A copy of the report is attached.
16 F. Mold		B	Mold growth was identified at the property. See the Limited Hazardous Materials Inspection Report (Appendix D) for additional details and discussion.	Limited Hazardous Materials Inspection Report. A copy of the report is attached.

Other: State or Local 17 A. Flood Management Certification [CGS 25-68]		<b>B</b>	<b>Property within an AE Flood Zone. Certification through the General Permit for CDBG-DR activities with CTDEEP is required</b>	<b>FEMA Map 09009C0529J. See Appendix C for Certification form and attached application documentation</b>
17 B. Structures, Dredging & Fill Act [CGS 22a-359 through 22a-363f]	<b>A</b>		<b>Project is not located waterward of coastal jurisdiction line</b>	<b>Office of Long Island Sound Programs Coastal Jurisdiction Line Elevations, Town of Milford Planning and Zoning Department</b>
17 C. Tidal Wetlands Act [CGS 22a-28 through 22a-35]		<b>B</b>	<b>Project is not located within a tidal wetland. Obtaining local wetland approvals, if necessary, will be included within construction Scope of Work.</b>	<b>USGS Wetland map, CT DEEP tidal wetland map, EDR NEPA Check report and EDR Radius Map</b>
17 D. Local inland wetlands/watercourses [CGS 22a-42]		<b>B</b>	<b>Project is not located within an inland wetland. Obtaining local wetland approvals, if necessary, will be included within construction Scope of Work.</b>	<b>Town of Milford GIS Mapping. Milford town wetlands are more extensive than state/federal mapped wetlands. A copy of the map is attached</b>
17 E. Various Municipal Zoning Approvals		<b>B</b>	<b>Obtaining any local zoning approvals to conduct mitigation efforts will be included within the construction scope of work</b>	<b>Zoning Regulations of the town of Milford</b>

**DETERMINATION:**

- ☐ **Box "A" has been checked for all authorities.** For Categorically Excluded actions pursuant to §58.35(a) [Does not apply to EA or EIS level of review which can never convert to Exempt], the project can convert to Exempt, per §58.34(a) (12), since the project does not require any compliance measures (e.g., consultation, mitigation, permit or approval) with respect to any law or authority cited at §58.5. The project is now made Exempt and **funds may be drawn down**; OR
- ☒ **Box "B" has been checked for one or more authority.** For Categorically Excluded actions pursuant to §58.35(a), the project cannot convert to Exempt since one or more authority requires compliance, including but not limited to consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit. **Complete pertinent compliance requirement(s), publish NOI/RROF, request release of funds (HUD-7105.15), and obtain HUD's Authority to Use Grant Funds (HUD-7015.16) per §58.70 and §58.71 before committing funds; OR**
- ☐ This project is not a Categorically Excluded action pursuant to §58.35(a), or may result in a significant environmental impact to the environment, and requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

**MITIGATION MEASURES AND CONDITIONS FOR PROJECT APPROVAL:** *(If Box B is checked, provide details regarding further consultation, mitigation, permit requirements or approvals required to be incorporated into public notices and project requirements such as contracts, grants, loan conditions, etc. as described in the Statutory Worksheet). Ensure required measures are included in 7015.15 Project Description Section.*

PREPARER:

  
\_\_\_\_\_  
Preparer's Signature

2/24/2015  
\_\_\_\_\_  
Date

Charles D. Brink  
\_\_\_\_\_  
Preparer's Name (printed)

Manager Environmental Services  
\_\_\_\_\_  
Title (printed)

**AUTHORIZED RESPONSIBLE ENTITY OFFICIAL:**

\_\_\_\_\_  
Authorized Responsible Entity Signature

\_\_\_\_\_  
Date

Hermia Delaire  
\_\_\_\_\_  
Authorized Responsible Entity Name (printed)

CDBG-DR Program Manager  
\_\_\_\_\_  
Title (printed)



## Worksheet for Preparing 24 CFR §58.5 Statutory Checklist

[Attach to Statutory Checklist]

### 1. §58.5(a) Historical Properties [36 CFR Part 800]

#### Historic Properties

- a. Does the project include the type of activity that would have the potential to affect historic properties such as acquisition, demolition, disposition, ground disturbance, new construction or rehabilitation?

☒ Yes ☐ No

**If Yes**, continue.

**If No**, the project is not the type of activity that has the potential to affect historic properties. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Do the RE and State Historic Preservation Office (SHPO) have a Programmatic Agreement (PA) that does not require consultation for this type of activity?

☐ Yes ☒ No

**If Yes**, document compliance with the PA. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If No**, continue.

- c. Is the project located within or directly adjacent to a historic district?

☐ Yes ☒ No

- d. Is the structure or surrounding structures listed on or eligible for listing on the National Register of Historic Places (e.g. greater than 45 years old)?

☒ Yes ☐ No

- e. Were any properties of historical, architectural, religious or cultural significance identified in the project’s Area of Potential Effect (APE)?

☐ Yes ☐ No

**If Yes to any of the questions above**, continue.

**If No to all of the questions above**, the project will not affect historic properties. A concurrence from the SHPO that “no historic properties will be affected” is required. Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- f. Have you consulted with the SHPO to determine whether the project will have “No Adverse Effect on Historic Properties?”

☒ Yes ☐ No

**If Yes**, continue.

**If No**, consultation with the SHPO is required.

- g.** Does the SHPO concurrence letter received for this project require mitigation or have conditions?  
☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- h.** Have the SHPO and RE agreed on required mitigation or conditions?  
☐ Yes ☐ No

**If Yes**, include mitigation requirements and/or conditions from the SHPO in the mitigation section of the Statutory Checklist. Mark box “B” on the Statutory Checklist for this authority.

**If No**, continue with consultation until resolved.

**Historic properties of religious and cultural significance to tribes and Native Hawaiian organizations**

- i.** Does the project include the types of activities such as those listed below that have the potential to affect historic properties of religious and cultural significance to tribes?
- Ground disturbance (digging);
  - New construction in undeveloped natural areas;
  - Incongruent visual changes – impairment of the vista or viewshed from an observation point in the natural landscape;
  - Incongruent audible changes – increase in noise levels above an acceptable standard in areas known for their quiet, contemplative experience;
  - Incongruent atmospheric changes – introduction of lights that create skyglow in an area with a dark night sky;
  - Work on a building with significant tribal association;
  - Transfer, lease or sale of a historic property of religious and cultural significance.
- ☐ Yes ☒ No

**If Yes**, continue.

**If No**, tribal consultation is not required.

- j.** Does HUD’s Tribal Directory Assessment Tool indicate that tribes have an interest in the location where the project is sited?  
(<http://egis.hud.gov/tdat/Tribal.aspx>)
- ☐ Yes ☐ No

**If Yes**, contact federally recognized tribe(s) and invite consultation. Continue.

**If No**, document the result in the ERR. Tribal consultation is not required.

- k. Did the tribe(s) respond that they want to be a consulting party?

☐ Yes ☐ No

**If Yes,** continue.

**If No,** (no response within 30 days or responded that they do not wish to consult), document response or lack of response in ERR. Further consultation is not required.

- l. After consulting with the tribe(s) and discussing the project, were any properties of religious or cultural significance to the tribe(s) identified in the project's APE?

☐ Yes ☐ No

**If Yes,** continue.

**If No,** notify tribe(s) and other consulting parties of your finding of "No Historic Properties Affected." Tribe(s) has 30 days to object to a finding.

- m. After consulting with the tribe(s), will the project have an adverse effect on properties of religious or cultural significance to the tribe(s)?

☐ Yes ☐ No

**If Yes,** consult with tribe(s) and other consulting parties to resolve adverse effects, including considering alternatives and mitigation measures that would avoid or minimize adverse effects.

**If No,** notify tribe(s) and other consulting parties of your finding of "No Adverse Effects." Tribe(s) has 30 days to object to a finding.

- n. Were any objections to a finding received from a consulting tribe?

☐ Yes ☐ No

**If Yes,** continue with consultation until resolved.

**If No,** consultation is complete.

Comments:

Cite and attach source documentation: (Correspondence with SHPO/THPO. How determination of "no potential to cause effects" to historic properties was made.)

Information Resources:

National Register of Historic Places:

<http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome>

National Conference of State Historic Preservation Officers:

<http://ncshpo.org/>

Map of Currently Recognized THPO's:

<http://www.nathpo.org/map.html>

Section 106 Agreements Database:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/section106](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/section106)

## 2. §58.5(b) (1) Floodplain Management [24 CFR Part 55]

- a. Does the project involved minor repairs or improvements on one to four family properties that do not meet the threshold for “substantial improvement” of §55.2(b)(8), i.e., the cost does not equal or exceed 50% of the market value of the structure before improvement or repair started, before damage occurred.

☐ Yes ☒ No

**If Yes**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If No**, continue.

- b. Is the project located within (or have an impact on) a 100 year floodplain (Zone A) or Coastal High Hazard (Zone V) identified by FEMA maps?

☒ Yes ☐ No

- c. Does the project involve a “critical action,” per §55.2(b) (2) (i), located within a 500 year floodplain (Zone B) identified by FEMA maps?

☐ Yes ☒ No

**If Yes to (b) or (c)**, follow HUD’s Floodplain Management Regulations 8-Step decision-making process of §55.20 to comply with 24 CFR Part 55. The 8-Step decision-making process must show that there are no practicable alternatives to locating the project in the floodplain, and if there are no alternatives, define measures to mitigate impacts to floodplains and location of the project in the floodplain. Completion of the 8-Step decision-making process must be completed before the completion of an EA per §55.10(a). See Attachment 2 for an example of the 8-Step decision-making process. The 8-step decision-making process must be included in the ERR and summarized in Part 55 and Part 58 public notices, as well as NOI/RROF and FONSI notices. Mark box “B” on the Statutory Checklist for this authority.

**If No to (b) and (c)**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- d. Does the project involve a critical action in a coastal high hazard area or a floodway?

☐ Yes ☒ No

If, Yes, HUD assistance may not be used for this project.

- e. Does the project involve a non-critical action which is not a functionally dependent use that is located in a floodway?

☐ Yes ☒ No

If Yes, HUD assistance may not be used for this project

- f. Does the project involve a non-critical action which is not a functionally dependent use that is located in a coastal high hazard area?

☐ Yes ☒ No

If Yes, project is allowed **only** if it is designed for a location in a coastal high hazard area **and** is processed under Section 55.20. Design requirements must be noted in Statutory Checklist and 8-Step decision-making process.

Comments:

Cite and attach source documentation: (FEMA flood map used to make this finding with the project location marked on the map. Include the community name, map panel number and date of map. As applicable, §55.20 8-Step decision-making process analysis. If FEMA has not published the appropriate flood map, the RE must make a finding based on best available data.)

For more information see:

FEMA Map Service Center:

<http://www.store.msc.fema.gov>

### 3. §58.5(b) (2) Wetlands Protection (E.O. 11990)

- a. Does the project involve new construction, land use conversion, major rehabilitation, or substantial improvements?

☒ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project within or adjacent to or will it affect wetlands, marshes, wet meadows, mud flats or natural ponds per field observation and maps issued by the US Fish & Wildlife Service (USFWS) or U.S. Army Corps of Engineers (Corps)?

☐ Yes ☒ No

- c. Are there drainage ways, streams, rivers, or coastlines on or near the site?

☐ Yes ☒ No

- d. Are there ponds, marshes, bogs, swamps or other wetlands on or near the site?

☐ Yes ☒ No

- e. Does the project involve new construction and/or filling located within a wetland designated on a USFWS National Wetlands Inventory map?

☐ Yes ☒ No

**If Yes to any of b – e above**, comply with wetlands decision-making process of 24 CFR §55.20. (Use proposed Part 55 published in the Federal Register January 2012 for wetland procedures). Continue.

**If No to all of b - e above**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- f. Will the project require a permit from the Corps under Section 404 of the Clean Water Act and/or will USFWS require wetland mitigation?

☐ Yes ☐ No

**If Yes**, ensure this is noted in Part 55 and Part 58 public notices. Include all mitigation measures and permit requirements in the mitigation section of the Statutory Checklist. Compliance with this section is complete. Mark box “B” on the Statutory Checklist for this authority.

**If No**, compliance with this section is complete. Mark box “B” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (NWI Map with project location noted in reference to wetlands. §55.20 8/5-Step decision-making process analysis for new construction and/or filling, and any permits received.)

For more information see:

USFWS National Wetlands Inventory – Geospatial Wetlands Digital Data:

<http://www.FWS.gov/wetlands/data/index.html>

Recognizing wetlands:

[http://www.usace.army.mil/Portals/2/docs/civilworks/regulatory/techbio/rw\\_bro.pdf](http://www.usace.army.mil/Portals/2/docs/civilworks/regulatory/techbio/rw_bro.pdf)

#### **4. §58.5(c) Coastal Zone Management [Coastal Zone Management Act of 1972, Sections 307(c) & (d)]**

- a. Does the project involve new construction, land use conversion, major rehabilitation, or substantial improvements?

☒ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within a Coastal Zone as defined in your state Coastal Zone Management (CZM) Plan?

☒ Yes ☐ No

**If Yes**, the State CZM Agency must make a finding that the project is consistent with the approved State CZM Plan. Mark box “B” on the Statutory Checklist for this authority.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Map showing project in relation to the nearest Coastal Zone Management area. If applicable, State’s findings.)

For additional information see:

States and Territories Working with NOAA on Ocean and Coastal Zone Management:

<http://coastalmanagement.noaa.gov/mystate/welcome.html>

Texas Coastal Zone Management Program:

<http://www.glo.texas.gov/what-we-do/caring-for-the-coast/grants-funding/cmp/index.html>

Texas Coastal Zone Boundary:

<http://www.glo.texas.gov/what-we-do/caring-for-the-coast/documents/landing-page-folder/CoastalBoundaryMap.pdf>

Louisiana Office of Coastal Management:

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=85&ngid=5>

Louisiana Coastal Zone Boundary:

<http://dnr.louisiana.gov/index.cfm?md=pagebuilder&tmp=home&pid=88>

## 5. §58.5(d). Sole Source Aquifers [40 CFR Part 149]

- a. Does the project involve new construction or land use conversion?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within a U.S. Environmental Protection Agency (EPA)-designated sole source aquifer watershed area per EPA Ground Water Office?

☐ Yes ☒ No

**If Yes**, consult with the Water Management Division of EPA to design mitigation measures to avoid contaminating the aquifer and implement appropriate mitigation measures. Include mitigation measures in mitigation section of Statutory Checklist. Mark box “B” on the Statutory Checklist for this authority.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Map showing project in relation to the nearest Sole Source Aquifer.)

For more information see:

Region 6 Sole Source Aquifers: <http://www.epa.gov/region6/water/swp/ssa/maps.htm>

## 6. §58.5(e) Endangered Species [50 CFR Part 402]

- a. Does the project involve the type of activities that are likely to have “no effect on endangered species, such as:

- Demolition and construction or placement of a single family residence within a developed lot, and/or any loans or mortgages affiliated with such construction, demolition or placement provided they are not within 750 feet of habitat for federally-listed species or 300 feet of mapped wetlands, wildlife refuges, fish hatcheries, wildlife management areas, or related significant fish and wildlife resources?

☐ Yes ☒ No

- Rehabilitation or renovation activities associated with existing structures (*e.g.*, houses, buildings), including additional structures attached to or associated with the primary structure, and/or any loans or mortgages affiliated with such rehabilitation or renovation?

☒ Yes ☐ No

- Acquisition of existing structures (*e.g.*, houses, buildings), including additional structures attached to or associated with the primary structure, and/or any loans or mortgages affiliated with such acquisition.

☐ Yes ☒ No

- Purchase and placement of playground equipment within existing parks?

☐ Yes ☒ No

- Resurfacing, repairing, or maintaining existing streets, sidewalks, curbs, trails, parking lots and/or any other existing paved surfaces where additional ground disturbance, outside of the existing surface is not necessary?

☐ Yes ☒ No

**If Yes to any of the above**, the project is likely to have “No Effect” on federally protected species and critical habitat. Informal consultation with the US Fish and Wildlife Service or the National Marine Fisheries Service (Services) is not necessary. The RE is required to make this finding and include a memorandum to the file supporting the finding (note that this finding should be made by the RE, and not by third party contractors and non-RE grant recipients). Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If No to all of the above**, continue.

- b.** Has the US Fish and Wildlife Service or the National Marine Fisheries Services identified listed species or designated critical habitat in the county where the project is located?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, the project is likely to have “No Effect” on federally protected species and critical habitat. Informal consultation with the Services is not necessary. The RE is required to make this finding and include a memorandum to the file supporting the finding (note that this finding should be made by the RE, and not by third party contractors). Compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- c.** Is the project located within 750 feet of habitat for federally-listed species or 300 feet of mapped wetlands, wildlife refuges, fish hatcheries, wildlife management areas, or related significant fish and wildlife resources?

☐ Yes ☐ No

If Yes, conduct special studies by a qualified professional to determine whether the project may affect the species or habitat to support a May Effect finding.



If No, continue below

- d. Does the project constitute a major construction activity (a major Federal action that modifies the physical environment and would normally require the preparation of an EIS)?

☐ Yes ☐ No

**If Yes**, formal consultation with the Services is required in accordance with procedural regulations contained in 50 CFR Part 402. Mark box “B” on the Statutory Checklist for this authority.

**If No**, continue.

- e. If federally protected species or critical habitat have been identified within the project area, has a special study been conducted by a qualified professional to determine the effects of the project on each species and critical habitat?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, a special study should be conducted to determine the effects of the project on federally protected species and critical habitat. Continue.

- f. Has the RE made a determination based on professional findings that the project is “Not Likely to Adversely Affect” any federally protected (listed or proposed) threatened or endangered species (i.e., plants or animals, fish, or invertebrates), nor adversely modify critical habitats?

☐ Yes ☐ No

**If Yes**, Service’s concurrence with findings is required. Mark box “B” on the Statutory Checklist for this authority.

**If No**, continue.

- g. Has the RE determined based on professional findings that the project “May Affect” federally protected (listed or proposed) threatened or endangered species (i.e., plants or animals, fish, or invertebrates), or adversely modify critical habitats?

☐ Yes ☐ No

**If Yes**, formal consultation is required with the Services, in accordance with procedural regulations contained in 50 CFR Part 402, which mandates formal consultation in order to preserve the species. Mark box “B” on the Statutory Checklist for this authority.

**If No**, contact your FEO for assistance in determining impacts to federally protected species and critical habitat.

Comments:

Cite and attach source documentation: (Memorandum to the file by the RE supporting the finding of “No Effect.” Concurrence memo from one or both of the Services for a finding of

“Not Likely to Adversely Affect.” Biological Opinion from one or both of the Services for a finding of “May Affect.”)

For additional information see: (The Endangered Species Act of 1973 (16 U.S.C. 1531 *et seq.* as amended: particularly Section 7 (b) and (c). 50 CFR 402).

USFWS ESA Species Search:

<http://www.FWS.gov/endangered/species/index.html>

NMFS ESA Species Search:

<http://www.nmfs.noaa.gov/pr/species/esa/>

USFWS Critical Habitat Maps:

<http://crithab.FWS.gov/>

NMFS Critical Habitat Maps:

<http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm>

Endangered Species Consultation Handbook:

[http://www.nmfs.noaa.gov/pr/pdfs/laws/esa\\_section7\\_handbook.pdf](http://www.nmfs.noaa.gov/pr/pdfs/laws/esa_section7_handbook.pdf)

## 7. §58.5(f) Wild and Scenic Rivers [36 CFR Part 297]

- a. Does the project involve new construction, land use conversion, major rehabilitation, or substantial improvements?

☒ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project is located within one (1) mile of a designated Wild & Scenic River, or river being studied as a potential component of the Wild & Scenic River system or an inventory river?

☐ Yes ☒ No

**If Yes**, determination from the National Park Service (NPS) must be obtained, with a finding that the project will not have a direct and adverse effect on the river nor invade or diminish values associated with such rivers. For NRI Rivers, consultation with NPS is recommended to identify and eliminate direct and adverse effects. Mark box “B” on the Statutory Checklist for this authority.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Maps noting project location and showing proximity to protected rivers. Relevant determinations or results of consultation)

For further information see:

National Park Service:

Designated Rivers <http://www.rivers.gov/rivers/map.php>

Study Rivers <http://www.rivers.gov/rivers/study.php>

**8. §58.5(g) Air Quality [40 CFR Parts 6, 51, 61 and 93]**

- a.** Does the project involve demolition or renovation of buildings likely to contain asbestos containing materials?

☒ Yes ☐ No

**If Yes**, ensure the project is in compliance with EPA's Asbestos regulations found at 40 CFR Part 61 (NESHAP) and all State and local regulations. Continue below.

**If No**, continue.

- b.** Does the project require an environmental assessment or environmental impact statement?

☐ Yes ☒ No

**If Yes**, continue.

**If No**, compliance with CAA State Implementation Plan factor is complete. Mark Box A on the Statutory checklist.

- c.** Does the project involve five or more dwelling units, acquisition of undeveloped land, a change of land use, demolition, major rehabilitation, or new construction?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- d.** Is the project located in a Non-Attainment area?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- e.** Is the project consistent with the air quality State Implementation Plan (SIP)?

☐ Yes ☐ No

**If Yes**, obtain letter of consistency showing that the project is consistent with the SIP. Compliance is complete. Mark box "B" on the Statutory Checklist for this authority.

**If No**, continue.

- f.** Has EPA determined that the proposed activity is one that requires a permit under the SIP?

☐ Yes ☐ No

**If Yes, continue.**

**If No, compliance is complete.** Mark box “B” on the Statutory Checklist for this authority.

- g.** Will project exceed any of the *de minimis* emissions levels of all non-attainment and maintenance level pollutants or exceed the screening level established by the state or air quality management district?

☐ Yes ☐ No

**If Yes, continue.**

**If No, compliance with this section is complete.** Mark box “B” on the Statutory Checklist for this authority. Attach all documents used to make your determination (See Conformity determination thresholds at 40 CFR 93.153(b) Include engineering/construction assessments of emissions during construction and operating phases).

- h.** Can project be brought into compliance through mitigation?

☐ Yes ☐ No

**If Yes, list mitigation measures required to achieve conformance with SIP in the mitigation section of the Statutory Checklist.** Mark box “B” on the Statutory Checklist for this authority.

**If No, Federal assistance may not be used at this location.**

Comments:

Cite and attach source documentation: (Letter of consistency with SIP, assessment of emissions, air permits received, mitigation measures taken, etc.)

For further information see:

The Green Book Nonattainment Areas for Criteria Pollutants:

<http://www.epa.gov/oar/oaqps/greenbk/>

Region 6 Air State Implementation Plans:

<http://www.epa.gov/region6/6pd/air/pd-l/sip.htm>

## **9. §58.5(h) Farmlands Protection [7 CFR Part 658]**

- a.** Does the project involve acquisition of undeveloped land, conversion of undeveloped land, new construction or site clearance?

☐ Yes ☐ No

**If Yes, continue.**

**If No, compliance with this section is complete.** Mark box “A” on the Statutory Checklist for this authority.

- b.** Is project located in an area committed (zoned) to urban uses?

☐ Yes ☐ No

**If Yes**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If No**, continue.

- c. Does the project site include prime or unique farmland, or other farmland of statewide or local importance as identified by the U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS) (formerly the Soil Conservation Service)?

☐ Yes ☒ No

**If Yes**, request evaluation of land type from the NRCS using Form AD-1006, and consider the resulting rating in deciding whether to approve the proposal, as well as mitigation measures (including measures to prevent adverse effects on adjacent farmlands). Mark box “B” on the Statutory Checklist for this authority. Include mitigation measures in the mitigation section of the Statutory Checklist.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

Comments:

Cite and attach source documentation: (Zoning map with project location noted. Form AD-1006 from NRCS.)

For additional information see:

NRCS Soil Maps:

<http://websoilsurvey.nrcs.usda.gov/app/>

Form AD-1006 and instructions:

[http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprdb1045394.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1045394.pdf)

Farmland Protection Policy Act

[http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/alphabetical/fppa/?&cid=nrcs143\\_008275](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/alphabetical/fppa/?&cid=nrcs143_008275)

#### 10. §58.5(i) (1) Noise Abatement and Control [24 CFR Part 51B]

- a. Does the project involve a noise sensitive use such as a residential structure, school, hospital, nursing home, library, etc.?

☒ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Is the project located within:

- 15 miles of a civilian or military airfield with more than 9,000 carrier operations annually;

☐ Yes ☒ No

- 1000 feet of a major highway or busy road;

☐ Yes ☒ No

- within 3000 feet of a railroad.

☐ Yes ☒ No

**If Yes to any the above**, complete a noise calculation assessment. Use adopted DNL contours if the noise source is an airport. Continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- c. Do noise calculations or airport noise contour maps indicate noise levels above 65dB (outside)?

☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- d. Do noise calculations or airport noise contour maps indicate noise levels above 75dB (outside)?

☐ Yes ☐ No

**If No**, for projects in the normally unacceptable zone (65dB – 75dB), noise attenuation measures are strongly encouraged for rehabilitation and required for new construction to reduce noise levels to below 65dB (outside). Mark box “B” on the Statutory Checklist for this authority. List all attenuation measures in the mitigation section of the Statutory Checklist.

**If Yes**, HUD assistance for the construction of new noise sensitive uses is generally prohibited for projects with unacceptable noise exposure (>75dB). Noise attenuation measures are strongly encouraged for rehabilitation projects with unacceptable noise exposure to reduce noise levels to below 65dB (outside). Mark box “B” on the Statutory Checklist for this authority. List all attenuation measures in the mitigation section of the Statutory Checklist.

Comments:

Cite and attach source documentation: (Maps with project location indicating distance from noise sources. DNL calculations and/or NAG worksheets.)

For more information see:

HUD noise guidebook:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/training/guidebooks/noise](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/training/guidebooks/noise)

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/review/noise](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/review/noise)

<http://www.hud.gov/offices/cpd/environment/dnlcalculator.cfm>

<http://www.hud.gov/offices/cpd/environment/mitigation.cfm>

<http://portal.hud.gov/hudstracat/noiseCalcEntry.jsp>

FAA:

[http://www.faa.gov/airports/planning\\_capacity/npis/reports/](http://www.faa.gov/airports/planning_capacity/npis/reports/)

**11. §58.5(i) (1) Explosive and Flammable Operations [24 CFR 51C]**

- a.** Does the project involve development, construction, rehabilitation, modernization or land use conversion of a property intended for residential, institutional, recreational, commercial, or industrial use?  
☐ Yes ☒ No

**If Yes,** continue.

**If No,** compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b.** Was a field observation performed by a qualified professional which documents there are above ground storage tanks within line of site of the project?  
☐ Yes ☐ No

- c.** Is the project site within 1 mile of current or planned stationary aboveground storage tanks of more than 100 gallon capacity, containing common liquid industrial fuels OR of any capacity, containing hazardous liquids or gases, that are not liquid industrial fuels?  
☐ Yes ☐ No

- d.** Are industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline or other storage tanks adjacent to or visible from the project site?  
☐ Yes ☐ No

**If Yes to any of b – d above,** use HUD Hazards Guide to calculate an Acceptable Separation Distance to comply with 24 CFR Part 51, Subpart C. Continue.

**If No to all of b – d above,** compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- e.** Is the project located at an Acceptable Separation Distance from any above-ground explosive or flammable fuels or chemicals containers as calculated above?  
☐ Yes ☐ No

**If Yes,** compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If No,** continue.

- f.** Can mitigation measures, such as construction of a barrier of adequate size and strength, reduce the blast overpressure or thermal radiation hazard to protect the project (per 24 CFR §51.205)?  
☐ Yes ☐ No

**If Yes,** Mark box “B” on the Statutory Checklist for this authority. List all mitigation measures in the mitigation section of the Statutory Checklist.

**If No**, HUD assistance cannot be used for this project.

Comments:

Cite and attach source documentation: (Maps with project location noted showing distance from explosives and flammable operations. ASD calculations/worksheet.)

For additional information see:

HUD Guidance on Siting Projects near Explosive and Flammable Facilities:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/review/explosive](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/review/explosive)

Acceptable Separation Distance Guidebook :

<http://portal.hud.gov/hudportal/documents/huddoc?id=HUD-Guidebook.pdf>

Barrier Design Guidance for HUD Assisted Project Near Hazardous Facilities:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/training/guidebooks/hazfacilities](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/training/guidebooks/hazfacilities)

## **12. §58.5(i) (1) Airport Hazards [24 CFR 51D]**

- a.** Will the project use HUD assistance, subsidy or insurance for construction; land development; community development or redevelopment; substantial modernization and rehabilitation which prolongs the physical or economic life of existing facilities; provide facilities and services which make land available for construction; change the use of a facility; increase the unit density or number of people at the site?
- ☒ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- b.** Is the property within 2,500 feet of a civilian airport, the Runway Clear Zone (RCZ)?
- ☐ Yes ☒ No
- c.** Is the project is within 15,000 feet of a military airfield, the Clear Zone (CZ) or Accident Potential Zone (APZ)?
- ☐ Yes ☒ No

**If Yes** to either of the above questions, request a written finding from the airport operator stating whether or not the project is located in a RCZ, CZ or APZ. Continue.

**If No** to both of the above questions, compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.



- d.** If the project is within 15,000 feet of a military airfield or within 2,500 feet of a civilian airport, did your written confirmation from the airport operator confirm that the project is located in a RCZ, CZ or APZ?

☐ Yes ☐ No

**If Yes,** continue.

**If No,** compliance with this section is complete. Mark box "A" on the Statutory Checklist for this authority.

- e.** If the project is located in a military airfield APZ, is the project consistent with the Land Use Compatibility Guidelines for Accident Potential Zones (32 CFR Part 256, DOD Instruction 4165.57).

☐ Yes ☐ No

**If Yes,** attach copy of written assurance from airport operator. Mark box "B" on the Statutory Checklist for this authority.

**If No,** HUD funds may not be used for this project.

- f.** If the project is in a RCZ/CZ will the project be frequently used or occupied by people?

☐ Yes ☐ No

**If Yes,** HUD funds may not be used for this project.

**If No,** continue.

- g.** If the project will not frequently be used by people, has the airport operator provided a written statement that there are no plans to purchase the land involved with such facilities as part of an RCZ/CZ acquisition program?

☐ Yes ☐ No

**If Yes,** attach copy of written assurance from airport operator. Mark box "B" on the Statutory Checklist for this authority.

**If No,** HUD funds may not be used for this project.

Comments:

Cite and attach source documentation: (Map with project location noted showing the distance from civilian airports and/or military airfields. Written confirmation from airport operating stating whether or not project is located in a RCZ, CZ or APZ. Written assurance from airport operator on purchase of property.)

For further information see:

Airport Information: <http://www.airnav.com/airports/>

HUD Airport Hazards Q&A:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/review/qa/airport](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/review/qa/airport)

### 13. §58.5(i) (2) Contamination and Toxic Substances

- a. Is the property located within the search distances of any of the types of environmental contamination sources?

Standard Environmental Record Sources	Approximate Minimum Search Distance (mi)	Yes	No
Federal National Priorities List (NPL)	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Delisted NPL Site List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal CERCLIS No Further Remedial Action Planned (NFRAP) Site List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA Correction Action (CORRACTS) Facilities List	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA Non-CORRACTS Treatment, Storage and Disposal (TSD) Facilities List	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal RCRA Generators List	Property/Adjoining Properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Institutional Control/Engineering Control Registries	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Federal Emergency Response and Notification System (ERNS) List	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State- and Tribal-Equivalent NPL	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State- and Tribal-Equivalent CERCLIS	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State and Tribal Landfill and/or Solid Waste Disposal Site Lists	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Leaking Storage Tank Lists	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
State and Tribal Registered Storage Tank Lists	Property/Adjoining Properties	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Institutional Control/Engineering Control Registries	Property Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Voluntary Cleanup Sites	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
State and Tribal Brownfield Sites	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- b.** Did a visual inspection of the site show the following?

	Yes	No
Distressed vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vent or Fill Pipes	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Storage Oil Tanks or Questionable Containers	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pits, Ponds or Lagoons	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stained Soil or Pavement (other than water stains)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pungent, Foul or Noxious Odors	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dumped Material or Soil, Mounds of Dirt, Rubble, Fill, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- c.** Has the property ever been used for any of the following types of uses?

	Yes	No		Yes	No
Gas Station	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vehicle Repair Shop	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Car Dealership	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Auto Garage	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Depot	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Commercial Printing Facility	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Industrial or commercial warehouses	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dry Cleaners	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Photo Developing Laboratory	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hospital	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Junkyard or landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Agricultural/Farming Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tannery	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Livestock Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- d.** Does the project have an underground storage tank other than a residential fuel tank, or known or suspected to be contaminated by toxic chemicals or radioactive materials?

☐ Yes ☒ No

- e.** Is the project site near an industry disposing of chemicals or hazardous wastes?

☐ Yes ☒ No

**If Yes to any of the above,** a qualified environmental professional must undertake investigations necessary to ensure that the project is free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances such that there is no hazard which could affect the health and safety of occupants or conflict with the intended utilization of the property. Continue.

**If No to all of the above**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- f.** Could nearby toxic, hazardous or radioactive substances affect the health and safety of project occupants or conflict with the intended use of the property?  
☐ Yes or ☒ No
- g.** Are there unresolved concerns that could lead to the RE being determined to be a Potentially Responsible Party (PRP)?  
☐ Yes ☒ No

**If Yes**, continue.

**If No**, provide written documentation from a qualified environmental professional which documents that identified potential sources of contamination does not pose a hazard which would restrict the intended uses of the property or to the occupants.

- h.** Was an ASTM Phase I Environmental Site Assessment (ESA) report completed for this project? (Note: HUD regulations do not require an ASTM Phase I ESA report for single family homes of 1-4 units. HUD requires an ASTM Phase I ESA for multifamily (5 or more units) and/or Non-residential properties for environmental review prepared under Part 50.)  
☐ Yes ☐ No
- i.** Did the ASTM Phase I ESA or other documentation uncover any Recognized Environmental Conditions (RECs) or recommend a Phase II, special/specific Phase II, or recommend Phase III environmental site assessments?  
☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- j.** Do ESAs or other documentation conclude that nearby toxic, hazardous or radioactive substances could affect the health and safety of project occupants or conflict with the intended use of the property?  
☐ Yes or ☐ No

**If Yes**, continue below.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- k.** Did any of the ESA reports or other documentation identify the need to mitigate the environmental condition by removing, stabilizing or encapsulating the toxic substances in accordance with the requirements of the appropriate Federal, state or local oversight agency?  
☐ Yes ☐ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- I. Can all adverse environmental conditions identified in any of the ESAs or other documentation be mitigated?  
☐ Yes ☐ No

**If Yes**, compliance with this section is complete. List specific remedial actions or mitigations in the mitigation section of the Statutory Checklist, according to the requirements of the appropriate Federal, state, or local oversight agency. Mark box “B” on the Statutory Checklist for this authority.

**If No**, HUD cannot provide assistance for the project at this site.

Comments:

Cite and attach source documentation: (Maps showing project distance to contaminated sites. Phase I (ASTM) Report. All ESAs and mitigation plans performed for this project.)

For additional information see:

HUD Information on Hazardous, Toxic or Radioactive Substances

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/comm\\_planning/environment/review/hazardous](http://portal.hud.gov/hudportal/HUD?src=/program_offices/comm_planning/environment/review/hazardous)

NEPAssist: <http://134.67.99.123/nepassist/entry.aspx>

EPA Envirofacts Data:

<http://www.epa.gov/enviro/>

EPA Toxic Release Inventory (TRI):

[http://www.epa.gov/enviro/html/toxic\\_releases.html](http://www.epa.gov/enviro/html/toxic_releases.html)

EPA Maps:

<http://www.epa.gov/emefdata/em4ef.home>

EPA CERCLIS/NPL – Superfund database:

<http://www.epa.gov/superfund/sites/query/basic.htm>

ATSDR “ToxFAQs” summaries about hazardous substances:

<http://www.atsdr.cdc.gov/toxfaqs/index.asp>

Right-To-Know Network: <http://www.rtknet.org/>

#### **14. §58.5(j) Environmental Justice (E.O. 12898)**

- a. Is the project located in or designed to serve a predominantly minority and low-income neighborhood?  
☐ Yes ☒ No

**If Yes**, continue.

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

- b. Would there be an adverse environmental impact caused by the proposed action, or would the proposed action be subject to an existing adverse environmental impact?

☐ Yes ☐ No

**If No**, compliance with this section is complete. Mark box “A” on the Statutory Checklist for this authority.

**If Yes**, perform an Environmental Justice (EJ) analysis using census, geographic and other data to determine if a low-income/minority population is disproportionately impacted. Continue.

- c. Will the adverse environmental impact of the proposed action disproportionately impact minority and low-income populations relative to the community-at-large?

☐ Yes ☐ No

**If Yes**, Mitigation or avoidance of adverse impacts must be considered to the extent practicable; and, public participation processes must involve the affected population(s) in the decision-making process. Continue.

**If No**, compliance with this section is complete. Document the determination of no disproportionate impacts. Mark box “A” on the Statutory Checklist for this authority.

- d. Has the mitigation plan been approved by the RE and the impacted community?

☐ Yes ☐ No

**If Yes**, compliance with this section is complete. Include mitigation plan in the mitigation section of the Statutory Checklist. Mark box “B” on the Statutory Checklist for this authority.

**If No**, Project cannot move forward until EJ issue is mitigated to the satisfactory of the RE and impacted community.

Comments:

Cite and attach source documentation: (Mapping of low-income and minority populations in the vicinity of the project site. EJ analysis. Mitigation Plan.)

For additional information see:

EJ maps & analysis, by location:

<http://www.scorecard.org/community/ej-index.tcl>

EPA’s “EJ View” Tool provides information relevant to EJ assessments:

<http://epamap14.epa.gov/ejmap/entry.html>

Census data and maps also avail-able at:

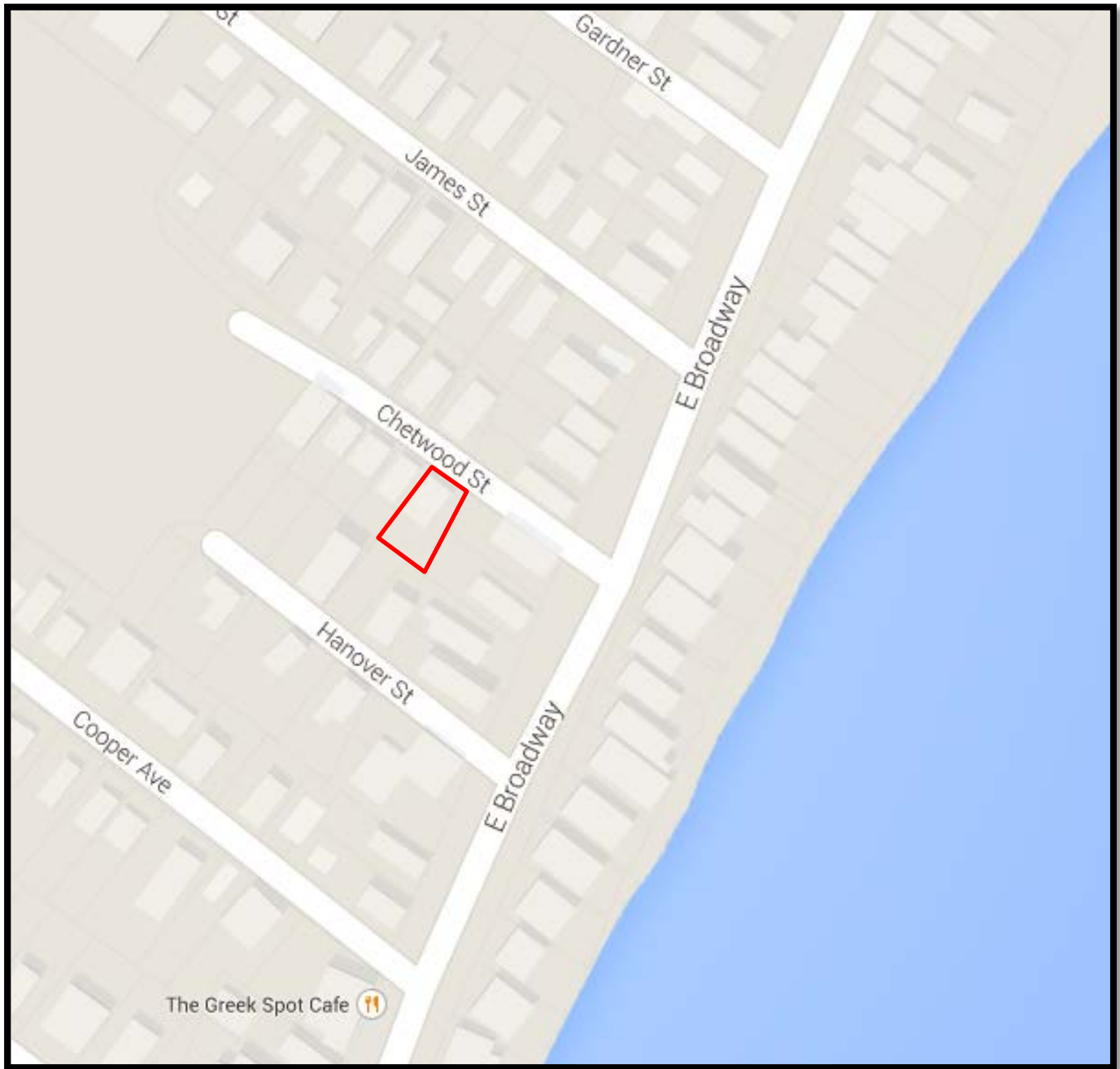
<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

Tract-level data on race & income:

<http://www.ffiec.gov/geocode>

## Appendix B

### Project Location and Vicinity Maps



**Prepared For:**  
**Residence of Charles & Barbara**  
**Degoursey**  
**10 Chetwood Street**  
**Milford, CT**

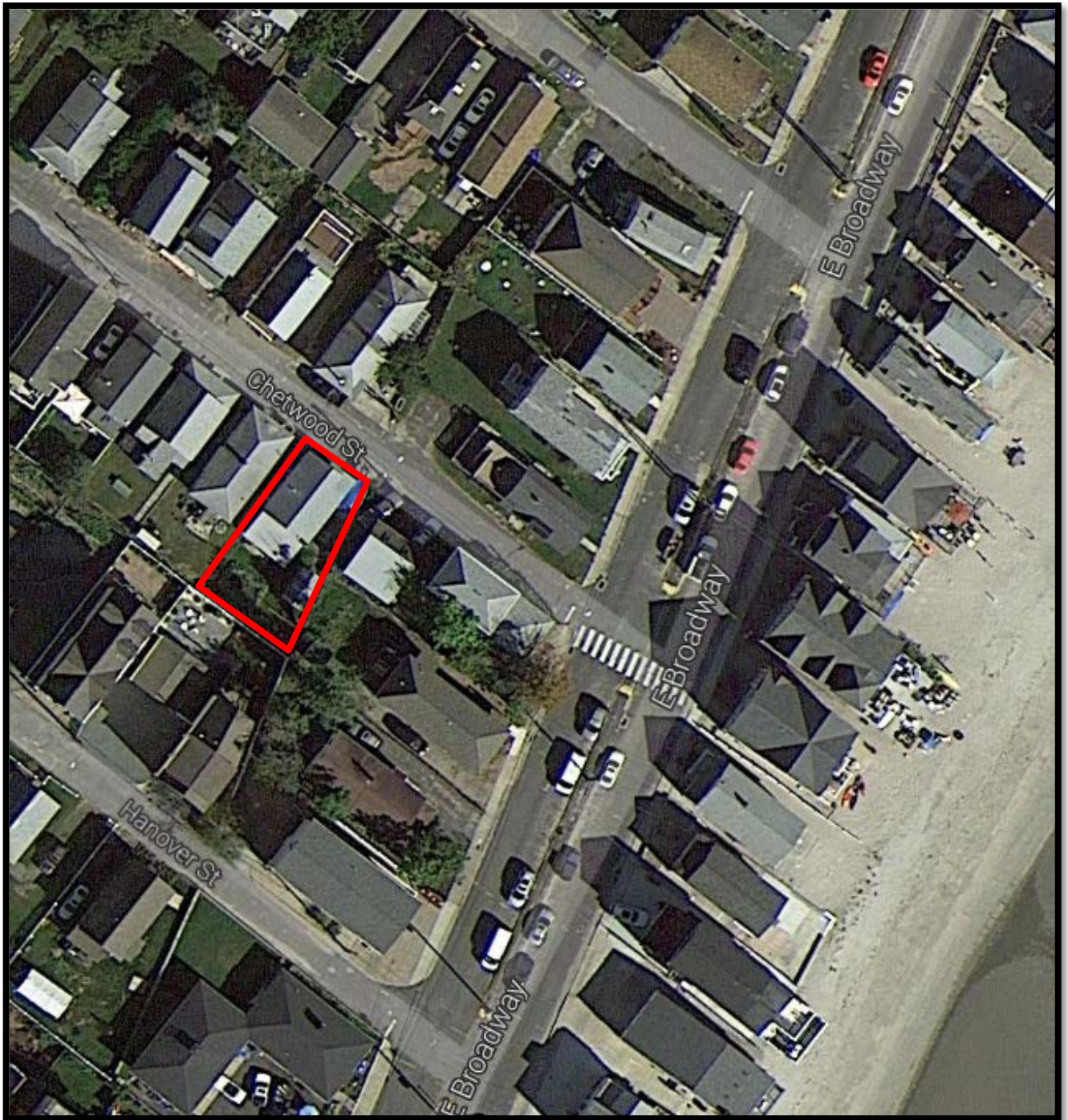


Not to Scale

**Figure 1**

**Site Location Plan**





**Prepared For:**  
**Residence of Charles & Barbara**  
**Degoursey**  
**10 Chetwood Street**  
**Milford, CT**



Not to Scale

**Figure 2**

Site Vicinity Map

## Appendix C

### Resource Maps and Supporting Documents

10 CHETWOOD ST

Location

10 CHETWOOD ST

Mblu

22/ 457/ 5/ /

Acct#

009434

Owner

DEGOURSEY BARBARA &  
CHARLES

Assessment

\$93,520

Appraisal

\$133,600

PID

4263

Building Count

1

Current Value

Appraisal			
Valuation Year	Improvements	Land	Total
2013	\$51,520	\$82,080	\$133,600
Assessment			
Valuation Year	Improvements	Land	Total
2013	\$36,060	\$57,460	\$93,520

Owner of Record

Owner

Co-Owner

Address

DEGOURSEY BARBARA & CHARLES

& SURV

10 CHETWOOD ST  
MILFORD, CT 06460

Sale Price

Certificate

Book & Page

Sale Date

Instrument

\$27,900

02061/0183

06/16/1994

14

Ownership History

Ownership History					
Owner	Sale Price	Certificate	Book & Page	Instrument	Sale Date
DEGOURSEY BARBARA & CHARLES	\$27,900		02061/0183	14	06/16/1994
FEDERAL NATIONAL MTGE ASSN	\$0		02046/0460		04/14/1994
HUGHES JOSEPH P & LYONS	\$0		01752/1680		01/03/1990

Building Information

Building 1 : Section 1

Year Built:

Living Area:

Replacement Cost:

Building Percent

Good:

Replacement Cost

Less Depreciation:

1910

1170

\$147,211

35

\$51,520

Building Attributes	

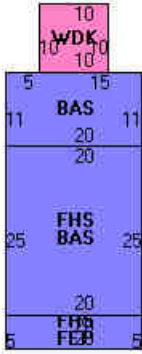
Field	Description
Style	Conventional
Model	Residential
Grade:	Average
Stories:	1 Story
Occupancy	1
Exterior Wall 1	Asbest Shingle
Exterior Wall 2	
Roof Structure:	Gable/Hip
Roof Cover	Asph/F GlS/Cmp
Interior Wall 1	Drywall/Sheet
Interior Wall 2	
Interior Flr 1	Carpet
Interior Flr 2	
Heat Fuel	Gas
Heat Type:	Forced Air-Duc
AC Type:	None
Total Bedrooms:	3 Bedrooms
Total Bthrms:	1
Total Half Baths:	0
Total Xtra Fixtrs:	
Total Rooms:	6 Rooms
Bath Style:	Average
Kitchen Style:	Updated
Bath Desc.	1-Full

### Building Photo



(<http://images.vgsi.com/photos/MilfordCTPhotos//\00\03\14\99>)

### Building Layout



Building Sub-Areas			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	720	720
FHS	Half Story, Finished	600	450
FEP	Porch, Enclosed, Finished	100	0
WDK	Deck, Wood	100	0
		1520	1170

### Extra Features

Extra Features	Legend
No Data for Extra Features	

### Land

#### Land Use

#### Land Line Valuation

Use Code	1010	Size (Acres)	0.07
Description	SINGLE FAM MDL-01	Frontage	34
Zone	R5	Depth	80
Neighborhood	E	Assessed Value	\$57,460
Alt Land Appr Category	No	Appraised Value	\$82,080

Outbuildings

Outbuildings	Legend
No Data for Outbuildings	

Valuation History

Appraisal			
Valuation Year	Improvements	Land	Total
2013	\$73,610	\$82,080	\$155,690
2012	\$88,330	\$100,320	\$188,650
2011	\$88,330	\$100,320	\$188,650

Assessment			
Valuation Year	Improvements	Land	Total
2013	\$51,530	\$57,460	\$108,990
2012	\$61,830	\$70,220	\$132,050
2011	\$61,830	\$70,220	\$132,050



**State of Connecticut Department of Housing  
Community Development Block Grant  
Disaster Recovery (CDBG-DR) "Hurricane Sandy"**

Application No. 5065  
Property of Charles & Barbara Degoursey  
10 Chetwood Street  
Milford CT

LA project No.1524-34

**Initial Property Inspection Report**

Property Inspected: 20 May 2014  
Report Date: 30 May 2014  
Rev. NA

**Present at Inspection:**

Barbara Degoursey, Owner  
Thomas Streicher, AIA, Lothrop Associates LLP  
Maurizio Huaylla, Lothrop Associates LLP



This property was a rental before the storm. It has been unoccupied since the storm. The owner reported about 4'-0" of storm surge water entered the dwelling. The owner also stated a few feet of sand piled up around the structure especially on the street side.

Damage compliant by owner	Inspection observation <i>Recommendation</i>	Rehabilitation Cost projection	Mitigation cost projection
<b><i>The property is in an AE Flood Zone</i></b> 12' above datum zero: If the dwelling is mitigated and raised above the flood zone a new structure with new footings will be designed and constructed to raise the building. The existing foundation walls and footings shall be removed with this new construction included in the cost of this item estimate. Modification of existing and/or construction of new exterior stairs will be required to accommodate the new elevation is included in this item cost.			\$115,000
Drywall: The owner stated the drywall at the first floor walls and partitions was damaged by the storm surge. The owner stated she had most of the damaged drywall and insulation removed and replaced.	The drywall in most first floor spaces appears to be solid and freshly painted. There are sheets of new drywall and scraps of drywall on the site indicating recent work. Notable exceptions include the first floor bath and utility spaces. <b>See Figure 1</b>  <i>Recommendation: Finish the drywall work and painting.</i>	\$1,800	\$1,800
Floor finish: The owner stated the floor finish on the first floor was destroyed by the storm surge. The owner had the most of the wet floor finish removed.	Most of the first floor floors are exposed plywood subfloor. <b>See figure 1</b>	\$4,000	\$4,000

	<i>Recommendation: Provide new floor finishes.</i>		
Floor insulation: The owner mentioned the insulation was damage and she had it removed.	There is no insulation present under the first floor. <b>See Figure 2</b>  <i>Recommendation: Provide new floor insulation.</i>	\$1,750	\$1,750
Electrical: The owner indicated the electrical wiring was replaced on the first floor.	The meter pan and electrical panel appear to be new.  <i>Recommendation: The work is completed, take no action.</i>	NA	NA
Heating system: The owner indicated the heating system was submerged under storm surge water and destroyed. She had a new system installed in a second floor closet. The owner indicated the new system has not been started for the first time.	A new heating system is installed at the second floor. Some remains of the old system are still present on the first floor such as the flu pipe. <b>See Figures 3 &amp; 4</b>  <i>Recommendation: The new system is installed. Remove the remains of the old system as required.</i>	\$500	\$500
Bathroom: The owner stated the first floor Bathroom was flooded with storm surge water.	The Bathroom drywall is soft and spongy. The vanity is falling apart apparently due to water exposure.  <i>Recommendation: Demolish and reconstruct the Bathroom including the new drywall, plumbing fixtures and finishes.</i>	\$6,000	\$6,000
Kitchen: The owner stated the kitchen was flooded with storm surge water	It appears a contractor erroneously reinstalled the damaged base cabinets over the new drywall. <b>See Figure 5</b>  <i>Recommendation: Remove the base cabinets and replace with new cabinets to match the uppers. Reuse the granite counter tops currently installed.</i>	\$5,000	\$5,000
Windows: The owner pointed out the windows on the first floor where damaged by water flowing through them.	All first floor windows appear to be damaged from the flood. Some are off track and others have the glass blown out.  <i>Recommendation: Replace all first floor windows.</i>	\$7,500	\$7,500
Interior doors: All interior doors at the first floor remain. Some are solid wood and/or exterior type and seem to be in serviceable condition.	A few hollow core doors are present and water damaged.  <i>Recommendation: Replace the water damaged hollow core doors.</i>	\$900	\$900
Rear deck: The owner stated the rear deck was removed by storm surge water and floated down the block.	There is no rear deck on the site. There is evidence a deck was attached to the dwelling.	\$7,700	\$7,700

	<i>Recommendation: Install a new rear deck.</i>		
Siding: At deck interface the existing siding is damaged from the deck being ripped away.	<p>Siding is missing from the former deck interface. Framing underneath the siding is rotting from the deck being improperly installed.</p> <p><b>See figure 6</b></p> <p><i>Recommendation: Remove and replace the damaged framing as required. After the deck is installed, patch in new siding with proper flashing.</i></p>	\$3,500	\$3,500
Carpet, 2nd floor. The carpet on the second floor is damaged due to rehabilitation activities that have started.	<p>The second floor carpet is stained.</p> <p><i>Recommendation: Have the carpet professionally cleaned after all other activities are completed.</i></p>	\$400	\$400
Star railing: The owner pointed out some of the stair hand rails are missing. The owner explained the tenant removed the railings to facilitate rapidly moving personal possessions out before the storm and left them in the dwelling. The items are missing after the storm	<p>Some sections of hand rail are missing.</p> <p><i>Recommendation: Replace the missing railings with new railing and brackets.</i></p>	\$450	\$450
Mold smell: The dwelling has a mold smell throughout.	<p>There is a heavy mold smell in the dwelling. Much of this seems to be emitting from the crawl space. Some may be coming from drywall not yet replaced.</p> <p><i>Recommendation: Replace materials that got wet mentioned in other parts of this report. Clean and dry the framing from the crawl space. If done as rehabilitation, remove a layer of sand from the crawl space. If done as mitigation, the crawl space will no longer be an issue.</i></p>	\$4,500	NA
Walls bowed out: Exterior walls at roof rafter ends bow out.	<p>This appears to be an issue with the original improper construction of the dwelling and the passage of time. It does not appear to be related to the storm.</p> <p><i>Recommendation: If done as rehabilitation, take no action, it's not related to the storm. If done as a mitigation, align and straighten all components and add/replace new structure consistent with current code.</i></p>	NA	\$7,000
First floor ceiling leak: The owner pointed out a water stain on the first floor ceiling.	<p>A water stain is present almost directly under the new heating system. There may have been a leak during installation.</p> <p><i>Recommendation: Check the system</i></p>	\$500	\$500



	<i>for leaks and repair if found. Paint the ceiling.</i>		
Cracked framing at balcony: The owner pointed out a cracked balcony framing member and suspects it happened during the storm.	The framing appears to be improperly installed when new and the storm may have worsened the condition. <b>See Figure 7</b>  Recommendation: Reframe the area to conform to current code.	\$1,500	\$1,500
Mold and Hazardous Material abatement.	Approximate cost projection (not based on testing)	\$7,500	\$7,500
<b>Total Cost Projection</b>		\$53,500	\$171,000

**Additional comments:** It appears this project would be classified as a repair if done as a rehabilitation only. If done as a mitigation project it would classify as an alteration.



Figure 1

*See following pages for more photos*



Figure 2



Figure 3



Figure 4





Figure 5



Figure 6



Figure 7

# Milford, Connecticut

[Browse all Towns](#) | [Alphabetic List of Historic Districts and Properties](#)



## Milford Historic District

[District Overview](#)  
[Inventory List](#)  
[District Map](#)

## South of the Green Historic District

[District Overview](#)  
[Inventory List](#)  
[District Map](#)

The historic district boundaries have been adopted from the best available source as cited in the district overview. The user is urged to verify the same with the concerned district authority.

a project of the Connecticut Trust for Historic Preservation  
funding provided by the Connecticut Commission on Culture & Tourism

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**2014 Distressed Municipalities List**  
**Prepared by DECD Research**  
**8/19/2014**

**2014 Distressed Municipalities**

Ranked by Score

	Total Scores	Ranking
Hartford	1,448	1
Waterbury	1,439	2
New Britain	1,431	3
Bridgeport	1,374	4
New London	1,365	5
Ansonia	1,330	6
Derby	1,327	7
Naugatuck	1,315	8
Windham	1,285	9
Meriden	1,272	10
Torrington	1,255	11
North Canaan	1,251	12
Bristol	1,250	13
Plainfield	1,243	14
Putnam	1,243	15
Killingly	1,229	16
New Haven	1,228	17
Sprague	1,218	18
East Hartford	1,215	19
West Haven	1,196	20
Preston	1,185	21
Enfield	1,180	22
Winchester	1,166	23
Montville	1,164	24
Plymouth	1,159	25

**2014 Distressed Municipalities**


In town alphabetical order


	Total Scores
Ansonia	1,330
Bridgeport	1,374
Bristol	1,250
Derby	1,327
East Hartford	1,215
Enfield	1,180
Hartford	1,448
Killingly	1,229
Meriden	1,272
Montville	1,164
Naugatuck	1,315
New Britain	1,431
New Haven	1,228
New London	1,365
North Canaan	1,251
Plainfield	1,243
Plymouth	1,159
Preston	1,185
Putnam	1,243
Sprague	1,218
Torrington	1,255
Waterbury	1,439
West Haven	1,196
Winchester	1,166
Windham	1,285

# Natural Diversity Data Base Areas

MILFORD, CT

December 2014

 State and Federal Listed Species  
& Significant Natural Communities

 Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

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 shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

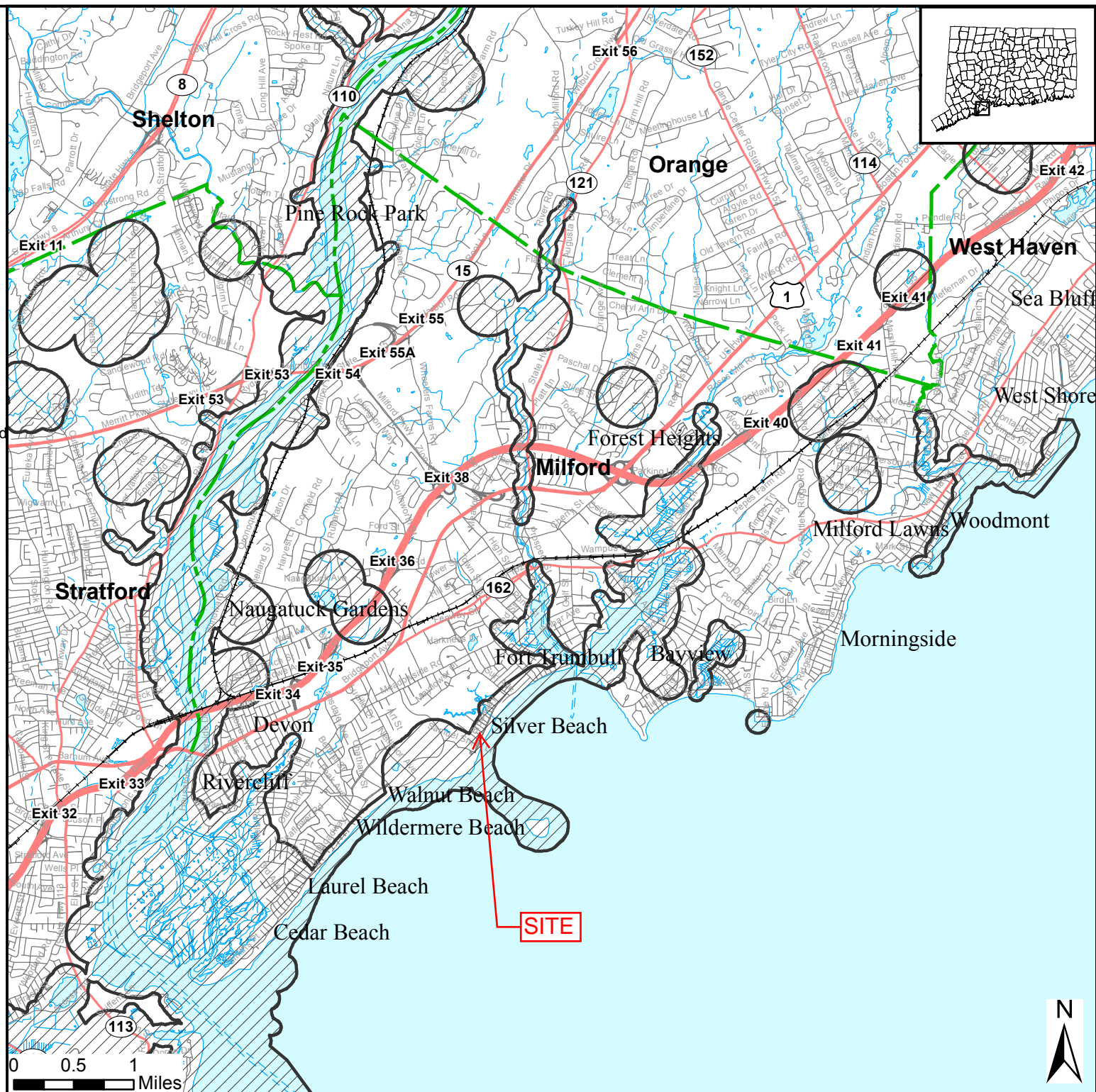
[www.ct.gov/deep/nddbrequest](http://www.ct.gov/deep/nddbrequest)

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

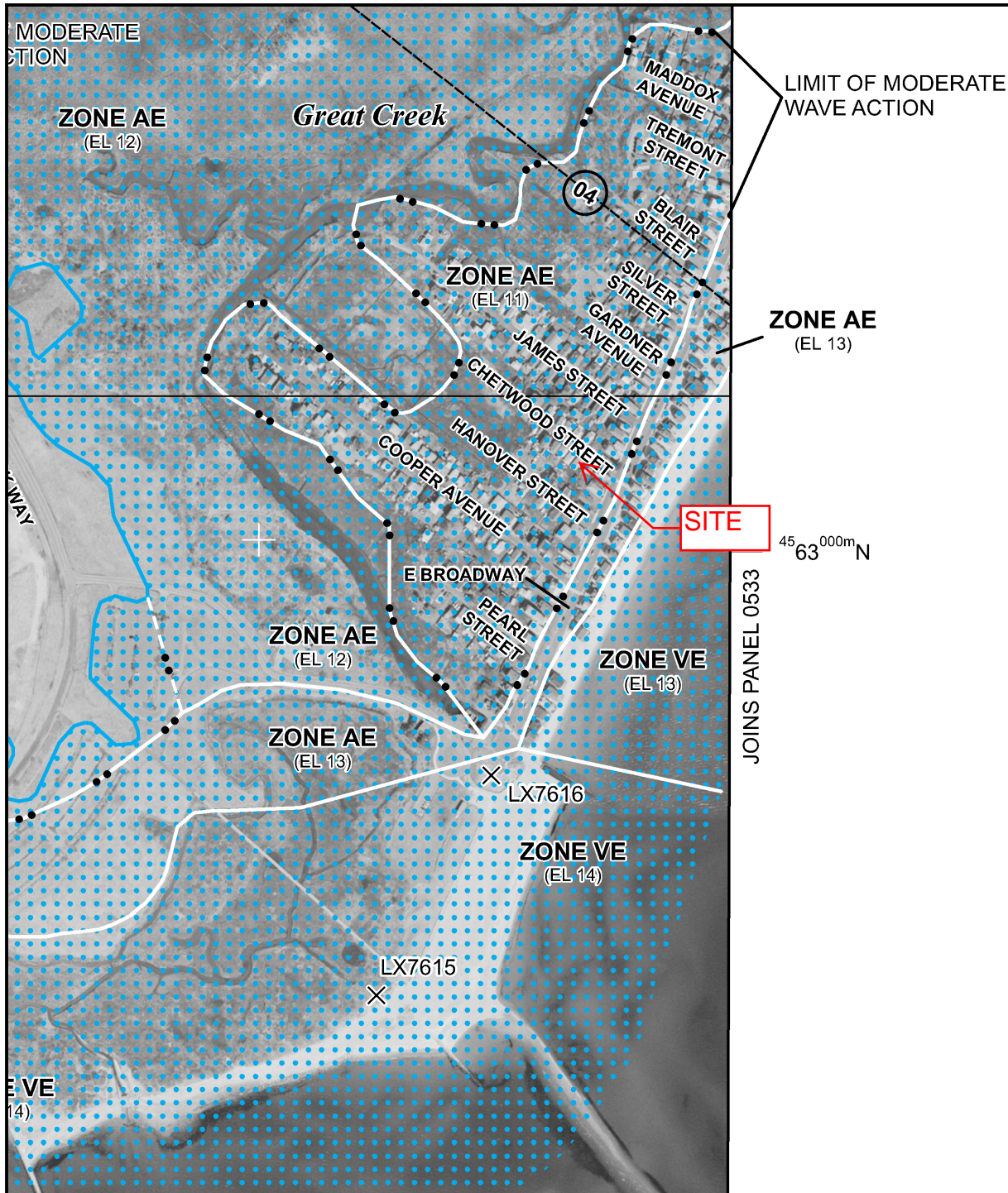
QUESTIONS: Department of Energy and Environmental Protection (DEEP)  
79 Elm St., Hartford CT 06106  
Phone (860) 424-3011




Connecticut Department of  
Energy & Environmental Protection  
Bureau of Natural Resources  
Wildlife Division









**MAP SCALE 1" = 500'**

250 0 500 1000  
FEET

PANEL 0529J

NATIONAL FLOOD INSURANCE PROGRAM

## FIRM

### FLOOD INSURANCE RATE MAP

### NEW HAVEN COUNTY, CONNECTICUT


(ALL JURISDICTIONS)

**PANEL 529 OF 635**  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MILFORD, CITY OF	090082	0529	J

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**  
09009C0529J

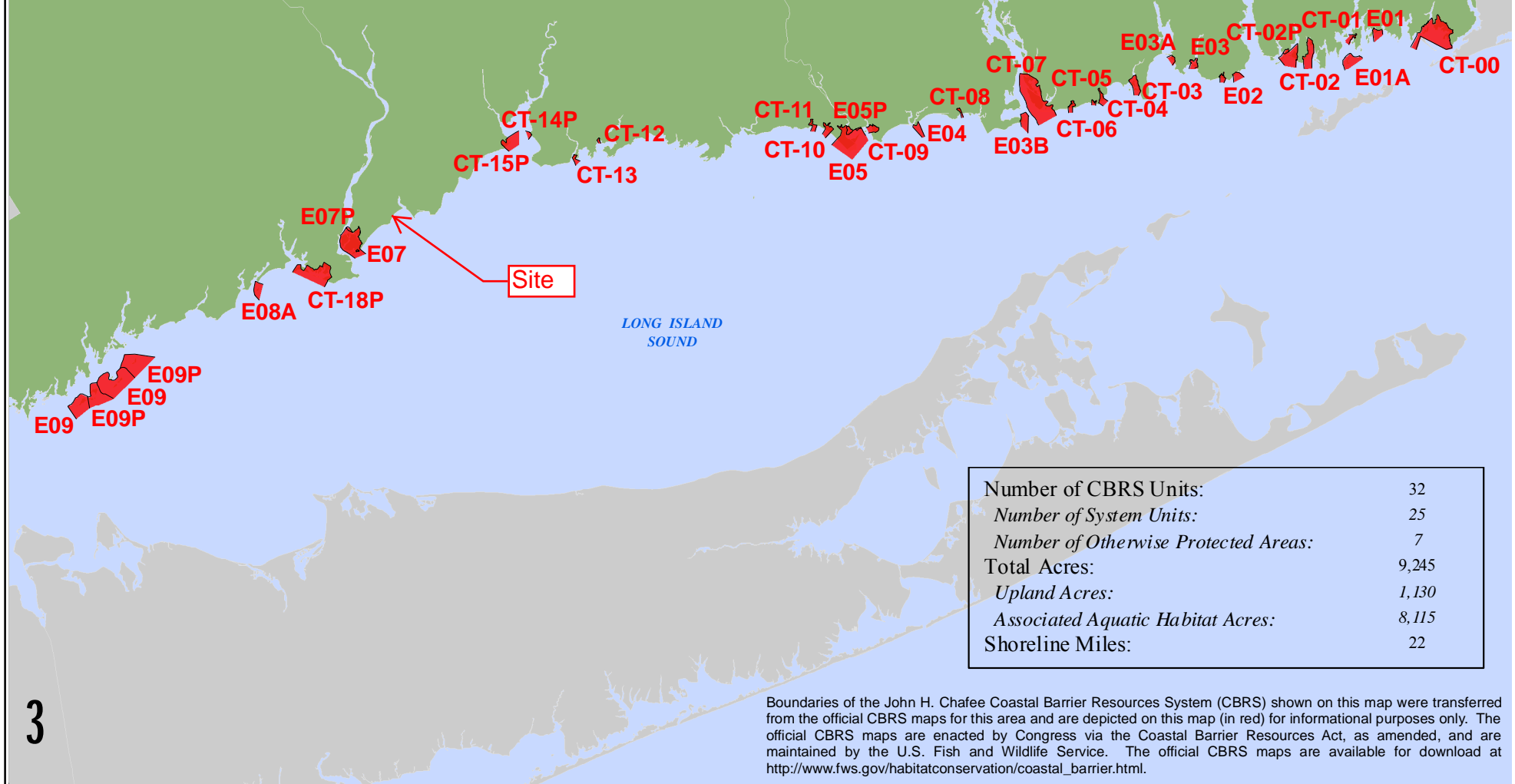
**MAP REVISED**  
JULY 8, 2013

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)



# JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM CONNECTICUT



Number of CBRS Units:	32
Number of System Units:	25
Number of Otherwise Protected Areas:	7
Total Acres:	9,245
Upland Acres:	1,130
Associated Aquatic Habitat Acres:	8,115
Shoreline Miles:	22

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at [http://www.fws.gov/habitatconservation/coastal\\_barrier.html](http://www.fws.gov/habitatconservation/coastal_barrier.html).



# COASTAL BOUNDARY MILFORD, CONNECTICUT

## LEGEND

 Coastal Boundary

## EXPLANATION

The coastal boundary map shows the extent of lands and coastal waters as defined by Connecticut General Statute within Connecticut's coastal area. The coastal boundary is a continuous line delineated on the landward side by the interior contour elevation of the one hundred year frequency coastal flood zone, as defined and determined by the National Flood Insurance Act, or a one thousand foot linear setback measured from the mean high water mark in coastal waters, or a one thousand foot linear setback measured from the inland boundary of tidal wetlands, whichever is farthest inland; and shall be delineated on the seaward side by the seaward extent of the jurisdiction of the state.

Any regulated activity conducted within the coastal boundary by a municipal agency (i.e., plans of development, zoning regulations, municipal coastal programs and coastal site plan review (i.e., site plans submitted to zoning commission, subdivision or resubdivision plans submitted to planning commission, application for special permit or exception to the zoning or planning commissions or zoning board of appeals, variance submitted to

zoning board of appeals and a referral of a municipal project)) must be conducted in a manner consistent with the requirements of the Connecticut Coastal Management Act (CMA). As the Coastal Boundary is a hybrid of the Coastal Area, all state and federal agency activities must be consistent with the requirements of the CMA. The coastal boundary is a hybrid of the original 1:24,000 version maps prepared by DEP and the revised boundary mapping undertaken by twenty-two coastal towns. This layer therefore does not replace the legal maps and may not be used for legal determinations.

The following twenty-two towns have adopted municipal coastal boundaries: Chester, Clinton, Darien, Deep River, East Haven, Essex, Fairfield, Greenwich, Groton, Guilford, Hamden, Ledyard, Madison, Milford, New Haven, New London, North Haven, Norwalk, Old Lyme, Old Saybrook, Stamford and Waterford. The coastal boundary maps for these towns may be at different scales than the original DEP draft maps and may contain minor adjustments to the boundary.

## DATA SOURCES

**COASTAL BOUNDARY DATA** - The original boundary maps were created in 1979 on stable mylar overlay using the 1:24,000-scale US Geological Survey topographic quadrangle maps (mylar film format). The source for tidal wetland maps were the legal 1:24,000 maps (mylar format) adopted by the Commissioner of DEP and transformed to 1:24,000 mylar-scale maps by the Office of Policy and Management (OPM) using an accurate pantograph. OPM similarly converted FEMA's flood insurance maps (various scales) to a 1:24,000 mylar overlay. The inland extent of coastal waters was plotted on 1:24,000 USGS topographic maps following the procedures and sources described in The Boundary Between Saltwater and Freshwater in Connecticut, December 1978 prepared by the State of Connecticut, Department of Environmental Protection, Coastal Area Management Program.

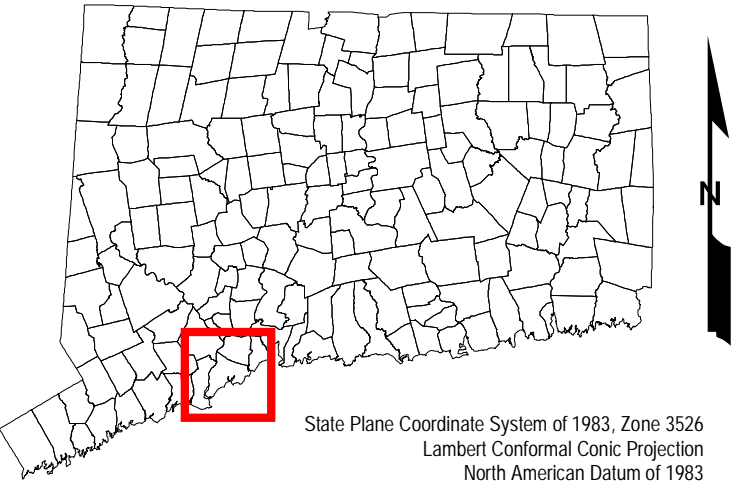
**BASE MAP DATA** - Based on data originally from 1:24,000-scale USGS 7.5 minute topographic quadrangle maps published between 1969 and 1992. It includes political boundaries, railroads, airports, hydrography, geographic names and geographic places. Streets and street names are from Tele Atlas® copyrighted data. Base map information is neither current nor complete.

### RELATED INFORMATION

This map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

**MAPS AND DIGITAL DATA** - Go to the CT ECO website for this map and a variety of others. Go to the DEEP website for the digital spatial data shown on this map.

### MAP LOCATION



State Plane Coordinate System of 1983, Zone 3205  
Lambert Conformal Conic Projection  
North American Datum of 1983



SCALE: 1:24,000 (1 inch = 2000 feet) when map is printed at original size



STATE OF CONNECTICUT  
DEPARTMENT OF  
ENERGY & ENVIRONMENTAL PROTECTION  
79 Elm Street  
Hartford, CT 06106-5127

Map created by: DEEP  
January 2013

Map is not colorfast  
Protect from light and moisture





U.S. Fish and Wildlife Service

# National Wetlands Inventory

## NWI Map

Feb 24, 2015



## Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

User Remarks:

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Tidal Wetlands



- Streets

  - Interstate
  - US Route
  - State Route
  - Ramp
  - Street
- CT Town Line

  - State Boundary
  - State Boundary - LIS
  - Town Boundary
  - Coastline
- MA, NY, RI Town Line

  - State
  - Town
  - Shoreline

CT Town Name

MA, NY, RI Town Name

State Line

  - State
  - Coastline
- Waterbody Line 7

  - Water
  - Dam

Waterbody Poly 7

  - Water

Tidal Wetland 1990s

  - Tidal Wetland 1990s

Tidal Wetland 1970s

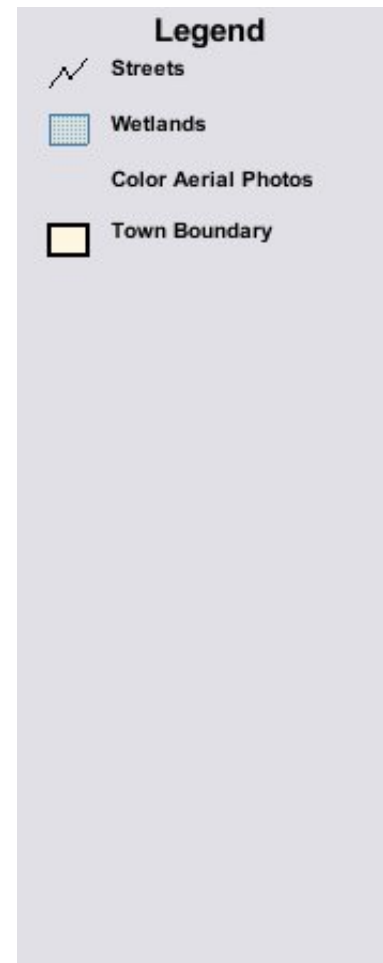
  - Tidal Wetland 1970s

## Milford Town Wetlands




December 9, 2014

**Disclaimer:** This map was produced from the City of Milford Geographic Information System. The map was compiled using the most current GIS data available. It is deemed accurate, but is not guaranteed. The City expressly disclaims any liability that may result from the use of this map. This map is not a survey and is subject to any changes an actual land survey discloses.



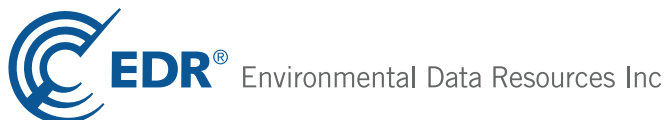




**COOPER AVE**  
COOPER AVE  
Milford, CT 06460

Inquiry Number: 4130351.5s  
November 10, 2014

**EDR NEPACheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

<b><u>SECTION</u></b>	<b><u>PAGE</u></b>
<b>EDR NEPACheck® Description.....</b>	<b>1</b>
<b>Map Findings Summary.....</b>	<b>2</b>
<b>Natural Areas.....</b>	<b>3</b>
<b>Historic Sites.....</b>	<b>5</b>
<b>Flood Plain.....</b>	<b>10</b>
<b>Wetlands.....</b>	<b>12</b>
<b>Wetlands Classification System.....</b>	<b>16</b>
<b>FCC &amp; FAA Sites.....</b>	<b>20</b>
<b>Key Contacts and Government Records Searched.....</b>	<b>23</b>

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR NEPACheck<sup>®</sup> DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

### Section

### Regulation

#### Natural Areas Map

- Federal Lands Data:
  - Officially designated wilderness areas
  - Officially designated wildlife preserves, sanctuaries and refuges
  - Wild and scenic rivers
  - Fish and Wildlife
- Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)

47 CFR 1.1307(1)  
47 CFR 1.1307(2)  
  
40 CFR 6.302(e)  
40 CFR 6.302  
47 CFR 1.1307(3); 40 CFR 6.302

#### Historic Sites Map

- National Register of Historic Places
- State Historic Places (where available)
- Indian Reservations

47 CFR 1.1307(4); 40 CFR 6.302

#### Flood Plain Map

- National Flood Plain Data (where available)

47 CFR 1.1307(6); 40 CFR 6.302

#### Wetlands Map

- National Wetlands Inventory Data (where available)

47 CFR 1.1307(7); 40 CFR 6.302

#### FCC & FAA Map

- FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient

47 CFR 1.1307(8)

#### Key Contacts and Government Records Searched



# MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 23 of this report.

## TARGET PROPERTY ADDRESS

COOPER AVE  
COOPER AVE  
MILFORD, CT 06460

Inquiry #: 4130351.5s  
Date: 11/10/14

## TARGET PROPERTY COORDINATES

Latitude (North): 41.202000 - 41° 12' 7.2"  
Longitude (West): 73.064697 - 73° 3' 52.9"  
Universal Tranverse Mercator: Zone 18  
UTM X (Meters): 662272.3  
UTM Y (Meters): 4562774.5

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<b>NATURAL AREAS MAP</b>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	CT Natural Diversity	1.00	YES	YES
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<b>HISTORIC SITES MAP</b>				
1.1307a (4) Listed or eligible for National Register	CT Historic Sites	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO
<b>FLOODPLAIN MAP</b>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
<b>WETLANDS MAP</b>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
	NY COASTAL ZONE	20.00	YES	NO
<b>FCC &amp; FAA SITES MAP</b>				
	Cellular	1.00	NO	NO
	4G Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	NO	NO
	Towers	1.00	NO	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	NO	NO
	FAA DOF	1.00	NO	NO
	Airports	1.00	NO	---

# Natural Areas Map



- |                   |                           |
|-------------------|---------------------------|
| ★ Target Property | ⊕ Locations               |
| ≡ Roads           | ▨ Federal Areas           |
| ≡ County Boundary | ≡ Federal Linear Features |
| ≡ Waterways       | ▨ State Areas             |
| ■ Water           | ≡ State Linear Features   |

SITE NAME: COOPER AVE  
 ADDRESS: COOPER AVE  
 Milford CT 06460  
 LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
 CONTACT: Doug Brink  
 INQUIRY #: 4130351.5s  
 DATE: November 10, 2014

TC4130351.5s Page 3 of 28

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species Listed for: NEW HAVEN County, CT.

Source: EPA Endangered Species Protection Program Database

BIRD: EAGLE, BALD  
 BIRD: PLOVER, PIPING  
 BIRD: TERN, ROSEATE  
 BIRD: TERN, ROSEATE  
 MAMMAL: BAT, INDIANA

Map ID Direction Distance Distance (ft.)		EDR ID Database
1 NE 0-1/8 mi 48	Text: No details provided by source agency	CTEN000001 CT Natural Diversity
2 WSW 1/8-1/4 mi 780	Text: No details provided by source agency	CTEN000001 CT Natural Diversity
3 NW 1/4-1/2 mi 1380	Text: No details provided by source agency	CTEN000001 CT Natural Diversity
4 SE 1/2-1 mi 3274	Text: No details provided by source agency	CTEN000001 CT Natural Diversity

# Historic Sites Map



- ★ Target Property
- ▬ Streets
- ▬ County Boundary
- ▬ Waterways
- Water
- ◆ Historic Sites
- ▨ Federal Historic Areas
- ▨ State Historic Areas
- ▨ US Indian Reservations
- ▬ Scenic Trail



SITE NAME: COOPER AVE  
 ADDRESS: COOPER AVE  
 Milford CT 06460  
 LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
 CONTACT: Doug Brink  
 INQUIRY #: 4130351.5s  
 DATE: November 10, 2014

TC4130351.5s Page 5 of 28

## HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

Fname: BOARDMAN'S BRIDGE  
Faddress: Boardman Rd. at Housatonic River, N.W. of New Milford  
Fcity: NEW MILFORD  
Fcnty: LITCHFIELD COUNTY  
Flisted: 13-MAY-76  
Fagency: HAER  
Fedr id: CT2008000000540

Unmappable  
CT2008000000540  
CT Historic Sites

Fname: H. S. HALPINE TOBACCO WAREHOUSE  
Faddress: West and Mill Sts.  
Fcity: NEW MILFORD  
Fcnty: LITCHFIELD COUNTY  
Flisted: 16-DEC-82  
Fagency: Not Reported  
Fedr id: CT2008000000541

Unmappable  
CT2008000000541  
CT Historic Sites

Fname: HEBREW CONGREGATION OF WOODMONT (HISTORIC SYNAGOGUES OF CONNECTICUT  
MPS)  
Faddress: 15 and 17 Edgefield Ave.  
Fcity: MILFORD  
Fcnty: NEW HAVEN COUNTY  
Flisted: 21-JUL-95  
Fagency: Not Reported  
Fedr id: CT2008000001205

Unmappable  
CT2008000001205  
CT Historic Sites

Fname: HOUSATONIC RAILROAD STATION  
Faddress: Railroad St.  
Fcity: NEW MILFORD  
Fcnty: LITCHFIELD COUNTY  
Flisted: 01-MAR-84  
Fagency: Not Reported  
Fedr id: CT2008000000543

Unmappable  
CT2008000000543  
CT Historic Sites

Unmappable  
CT2008000001206  
CT Historic Sites

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

---

Fname:	HOUSATONIC RIVER RAILROAD BRIDGE (MOVABLE RAILROAD BRIDGES ON THE NE CORRIDOR IN CONNECTICUT TR) (also in Stratford)
Address:	AMTRAK Right-of-way at Housatonic River
Fcity:	MILFORD
Fcnty:	NEW HAVEN COUNTY
Flisted:	12-JUN-87
Fagency:	Not Reported
Edr id:	CT2008000001206

---

Unmappable  
CT2008000000544  
CT Historic Sites

Fname:	LOVER'S LEAP BRIDGE
Address:	S. of New Milford on Pumpkin Hill Rd.
Fcity:	NEW MILFORD
Fcnty:	LITCHFIELD COUNTY
Flisted:	13-MAY-76
Fagency:	HAER
Edr id:	CT2008000000544

---

Unmappable  
CT2008000000546  
CT Historic Sites

Fname:	MERRYALL UNION EVANGELICAL SOCIETY CHAPEL
Address:	Chapel Hill Road
Fcity:	NEW MILFORD
Fcnty:	LITCHFIELD COUNTY
Flisted:	05-JUN-86
Fagency:	Not Reported
Edr id:	CT2008000000546

---

Unmappable  
CT2008000000547  
CT Historic Sites

Fname:	MERWINSVILLE HOTEL
Address:	E. of Gaylordsville on Brown's Forge Rd.
Fcity:	NEW MILFORD
Fcnty:	LITCHFIELD COUNTY
Flisted:	29-AUG-77
Fagency:	Not Reported
Edr id:	CT2008000000547

---

Unmappable  
CT2008000001207  
CT Historic Sites

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

Fname: MILFORD POINT HOTEL  
Faddress: Milford Point Rd.  
Fcity: MILFORD  
Fcnty: NEW HAVEN COUNTY  
Flisted: 22-JAN-88  
Fagency: Not Reported  
Fedr id: CT2008000001207

Unmappable  
CT2008000000548  
CT Historic Sites

Fname: NEW MILFORD CENTER HISTORIC DISTRICT  
Faddress: Roughly bounded by Bennet and Elm Sts., Center Cemetery, East, S.  
Main, and Mill Sts., and the Railroad  
Fcity: NEW MILFORD  
Fcnty: LITCHFIELD COUNTY  
Flisted: 13-JUN-86  
Fagency: Not Reported  
Fedr id: CT2008000000548

Unmappable  
CT2008000001208  
CT Historic Sites

Fname: RIVER PARK HISTORIC DISTRICT  
Faddress: Roughly bounded by Boston Post Rd., Governors Ave., AMTRAK  
Right-of-way, and High St  
Fcity: MILFORD  
Fcnty: NEW HAVEN COUNTY  
Flisted: 14-AUG-86  
Fagency: LHD  
Fedr id: CT2008000001208

Unmappable  
CT2008000001212  
CT Historic Sites

Fname: WASHINGTON BRIDGE (also in Stratford)  
Faddress: US 1 at Housatonic R.  
Fcity: MILFORD  
Fcnty: NEW HAVEN COUNTY  
Flisted: 29-SEP-04  
Fagency: Not Reported  
Fedr id: CT2008000001212



# Flood Plain Map



- Major Roads
- Contour Lines
- Waterways
- County Boundary

- Pipe Lines
- Fault Lines

- Water
- 100-year flood zone
- 500-year flood zone
- Electronic FEMA data available
- Electronic FEMA data not available

SITE NAME: COOPER AVE  
 ADDRESS: COOPER AVE  
 Milford CT 06460  
 LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
 CONTACT: Doug Brink  
 INQUIRY #: 4130351.5s  
 DATE: November 10, 2014

TC4130351.5s Page 10 of 28

## FLOOD PLAIN MAP FINDINGS

Source: FEMA DFIRM Flood Data, FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

NEW HAVEN, CT

YES

Flood Plain panel at target property:

09009C (FEMA DFIRM Flood data)

Additional Flood Plain panel(s) in search area:

None Reported

# National Wetlands Inventory Map



Major Roads  
Contour Lines  
Waterways  
County Boundary

Pipe Lines  
Fault Lines

Water  
National Wetlands Inventory  
State Wetlands  
Electronic NWI data available  
Electronic NWI data not available

0 1/4 1/2 1 Miles



SITE NAME: COOPER AVE  
ADDRESS: COOPER AVE  
Miford CT 06460  
LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
CONTACT: Doug Brink  
INQUIRY #: 4130351.5s  
DATE: November 10, 2014

TC4130351.5s Page 12 of 28

## WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Milford  
 Additional NWI hardcopy map(s) in search area:  
 Not reported in source data

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
1 ESE 0-1/8 mi 294	E2USP [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [P] Irregularly Flooded Lat/Lon: 41.201611 / -73.063759	NWI
2 NNW 0-1/8 mi 381	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.202950 / -73.065285	NWI
3 ESE 0-1/8 mi 414	E2USN [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [N] Regularly Flooded Lat/Lon: 41.201649 / -73.063263	NWI
4 ESE 1/8-1/4 mi 824	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal Lat/Lon: 41.201385 / -73.061813	NWI
5 SW 1/8-1/4 mi 837	PEM1Ex [P] Palustrine, [EM] Emergent, [1] Persistent, [E] Seasonally Flooded/Saturated, [x] Excavated Lat/Lon: 41.200439 / -73.066933	NWI
6 NNW 1/4-1/2 mi 1723	PFO1/SS1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated Lat/Lon: 41.206150 / -73.067696	NWI
7 NNW 1/4-1/2 mi 2045	PFO1/SS1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated Lat/Lon: 41.207096 / -73.067810	NWI
8 NW 1/4-1/2 mi 2295	PFO1/SS1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated Lat/Lon: 41.206085 / -73.071053	NWI

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 South 1/4-1/2 mi 2381	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal Lat/Lon: 41.195576 / -73.066292	NWI
10 SW 1/4-1/2 mi 2537	E2USP [E] Estuarine, [2] Intertidal, [US] Unconsolidated Shore, [P] Irregularly Flooded Lat/Lon: 41.197193 / -73.071373	NWI
11 West 1/2-1 mi 2680	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 41.201908 / -73.074440	NWI
12 WNW 1/2-1 mi 2709	PSS5/UBH [P] Palustrine, [SS] Scrub-Shrub, [5] Dead / , [UB] Unconsolidated Bottom, [H] Permanently Flooded Lat/Lon: 41.205391 / -73.073456	NWI
13 WNW 1/2-1 mi 2919	PSS5/UBH [P] Palustrine, [SS] Scrub-Shrub, [5] Dead / , [UB] Unconsolidated Bottom, [H] Permanently Flooded Lat/Lon: 41.203724 / -73.075058	NWI
14 WSW 1/2-1 mi 2982	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 41.197746 / -73.073959	NWI
15 West 1/2-1 mi 3398	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 41.200329 / -73.076851	NWI
16 WSW 1/2-1 mi 3413	PEM1F [P] Palustrine, [EM] Emergent, [1] Persistent, [F] Semipermanently Flooded Lat/Lon: 41.199398 / -73.076614	NWI
17 WSW 1/2-1 mi 3698	PUBHx [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded, [x] Excavated Lat/Lon: 41.198650 / -73.077377	NWI

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
18 North 1/2-1 mi 3920	PUBH [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded Lat/Lon: 41.212730 / -73.065742	NWI
19 NNE 1/2-1 mi 4444	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.213169 / -73.058205	NWI
20 NNE 1/2-1 mi 4535	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.213722 / -73.059166	NWI
21 NNE 1/2-1 mi 4585	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.212963 / -73.056519	NWI
22 NNE 1/2-1 mi 4663	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal Lat/Lon: 41.213234 / -73.056580	NWI
23 NE 1/2-1 mi 4694	PUBH [P] Palustrine, [UB] Unconsolidated Bottom, [H] Permanently Flooded Lat/Lon: 41.212494 / -73.054802	NWI
24 NNE 1/2-1 mi 4776	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.213451 / -73.056259	NWI
25 North 1/2-1 mi 4964	PSS1T [P] Palustrine, [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [T] Semipermanent-Tidal Lat/Lon: 41.215385 / -73.061325	NWI

\*See Wetland Classification System for additional information.

# WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

# SYSTEM

## MARINE

### SUBSYSTEM

#### 1 - SUBTIDAL

#### 2 - INTERTIDAL

### CLASS

RB-ROCK  
BOTTOM

UB-UNCONSOLIDATED  
BOTTOM

AB-AQUATIC BED

RF-REEF

OW-OPEN WATER /  
Unknown Bottom

AB-AQUATIC BED

RF-REEF

RS-ROCKY SHORE

US-UNCONSOLIDATED  
SHORE

### Subclass

1 Bedrock  
2 Rubble

1 Cobble-Gravel  
2 Sand  
3 Mud  
4 Organic

1 Algal  
3 Rooted Vascular  
5 Unknown  
Submergent

1 Coral  
3 Worm

1 Algal  
3 Rooted Vascular  
5 Unknown Submergent

1 Coral  
3 Worm

1 Bedrock  
2 Rubble

1 Cobble-Gravel  
2 Sand  
3 Mud  
4 Organic

# SYSTEM

## E - ESTUARINE

### SUBSYSTEM

#### 1 - SUBTIDAL

### CLASS

RB-ROCK  
BOTTOM

UB-UNCONSOLIDATED  
BOTTOM

AB-AQUATIC BED

RF-REEF

OW-OPEN WATER /  
Unknown Bottom

### Subclass

1 Bedrock  
2 Rubble

1 Cobble-Gravel  
2 Sand  
3 Mud  
4 Organic

1 Algal  
3 Rooted Vascular  
4 Floating Vascular  
5 Unknown Submergent  
6 Unknown Surface

2 Mollusk  
3 Worm

### SUBSYSTEM

#### 2 - INTERTIDAL

### CLASS

AB-AQUATIC BED

RF-REEF

SB - STREAMBED

RS-ROCKY SHORE

US-UNCONSOLIDATED  
SHORE

EM-EMERGENT

SS-SCRUB SHRUB

FO-FORESTED

### Subclass

1 Algal  
3 Rooted Vascular  
4 Floating Vascular  
5 Unknown Submergent  
6 Unknown Surface

2 Mollusk  
3 Worm

1 Cobble- Gravel  
2 Sand  
3 Mud  
4 Organic

1 Bedrock  
2 Rubble

1 Cobble- Gravel  
2 Sand  
3 Mud  
4 Organic

1 Persistent  
2 Nonpersistent

1 Broad-Leaved  
Deciduous  
2 Needle-Leaved  
Deciduous  
3 Broad-Leaved  
Evergreen  
4 Needle-Leaved  
Evergreen  
5 Dead  
6 Deciduous  
7 Evergreen

1 Broad-Leaved  
Deciduous  
2 Needle-Leaved  
Deciduous  
3 Broad-Leaved  
Evergreen  
4 Needle-Leaved  
Evergreen  
5 Dead  
6 Deciduous  
7 Evergreen



## SYSTEM

## R - RIVERINE

### SUBSYSTEM

### 1 - TIDAL      2 - LOWER PERENNIAL      3 - UPPER PERENNIAL      4 - INTERMITTENT      5 - UNKNOWN PERENNIAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

\* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.

\*\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

## SYSTEM

## L - LACUSTRINE

### SUBSYSTEM

### 1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

### SUBSYSTEM

### 2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

## SUBSYSTEM

## P - PALUSTRINE

CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Bottom									
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6Deciduous 7 Evergreen	

## MODIFIERS







In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
<b>Non-Tidal</b>	<b>Tidal</b>	<b>Coastal</b>	<b>Halinity</b>	<b>Inland</b>	<b>Salinity</b>	<b>pH</b>	<b>Modifiers</b>	<b>for</b>
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline	<b>all Fresh Water</b>		
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal	2 Euhaline	8 Eusaline	a Acid	g Organic	b Beaver
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal	3 Mixohaline (Brackish)	9 Mixosaline	t Circumneutral	n Mineral	d Partially Drained/Ditched
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal	4 Polyhaline	0 Fresh	i Alkaline		f Farmed
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown	5 Mesohaline				h Diked/Impounded
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			r Artificial Substrate
G Intermittently Exposed	U Unknown			0 Fresh				s Spoil
								x Excavated

Source: U.S. Department of the Interior  
Fish and Wildlife Service  
National Wetlands Inventory

# FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Water
-  Sites



SITE NAME: COOPER AVE  
 ADDRESS: COOPER AVE  
 Milford CT 06460  
 LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
 CONTACT: Doug Brink  
 INQUIRY #: 4130351.5s  
 DATE: November 10, 2014

TC4130351.5s Page 20 of 28

## FCC & FAA SITES MAP FINDINGS TOWERS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

No Sites Reported.

## FCC & FAA SITES MAP FINDINGS AIRPORTS

EDR ID  
Database

---

No Sites Reported.

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

### **NATURAL AREAS**

#### **Officially designated wilderness areas**

##### Government Records Searched in This Report

FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### Federal Contacts for Additional Information

National Park Service, Northeast Region

200 custom Street, Fifth Floor

Philadelphia, PA 19106

215-597-7013

Fish & Wildlife Service, Region 5

Div. Of Personnel Mgmt. 300 Westgate Center Drive

Hadley, MA 01035-9589

413-253-8313

#### **Officially designated wildlife preserves, sanctuaries and refuges**

##### Government Records Searched in This Report

FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5

Div. Of Personnel Mgmt. 300 Westgate Center Drive

Hadley, MA 01035-9589

413-253-8313

##### State Contacts for Additional Information

Dept. of Environmental Protection 860-424-3474

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Wild and scenic rivers**

#### Government Records Searched in This Report

##### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks

- Forests

- Monuments

- Wildlife Sanctuaries, Preserves, Refuges

- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

#### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5

Div. Of Personnel Mgmt. 300 Westgate Center Drive

Hadley, MA 01035-9589

413-253-8313

### **Endangered Species**

#### Government Records Searched in This Report

##### Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

CT Natural Diversity: CT Natural Diversity Database

Point locations of listed species and significant natural communities

Source: Dept. of Environmental Protection.

Telephone: 860-424-3378

#### Federal Contacts for Additional Information

Fish & Wildlife Service, Region 5

Div. Of Personnel Mgmt. 300 Westgate Center Drive

Hadley, MA 01035-9589

413-253-8313

#### State Contacts for Additional Information

Natural Diversity Database, Dept. of Environmental Protection 860-424-3540

### **LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES**

#### **Historic Places**

##### Government Records Searched in This Report

##### National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

CT Historic Sites: Connecticut National Register of Historic Places

Listing of historic sites included on the National Register for Connecticut.

Source: Connecticut Historical Commission.

Telephone: 860-566-3005

### Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

### State Contacts for Additional Information

Connecticut Historical Commission 860-566-3005

### **Indian Religious Sites**

#### Government Records Searched in This Report

Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241



## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:  
<http://www.doi.gov/bia/areas/agency.html>

### **Scenic Trails**

#### Government Records Searched in This Report

APPAL\_TRAIL: Appalachian National Scenic Trail

Source: Appalachian Trail Conservancy and National Park Service Appalachian Trail Park Office

Telephone: (304) 535-6278

Appalachian Trail centerline.

### State Contacts for Additional Information

Appalachian Trail Conference

799 Washington Street P.O. Box 807

Harpers Ferry, WV 25425-0807

(304) 535-6331

### **FLOOD PLAIN, WETLANDS AND COASTAL ZONE**

#### **Flood Plain Management**

##### Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

### Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

### State Contacts for Additional Information

Office of Emergency Management 860-566-3180

#### **Wetlands Protection**

##### Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Soils

Source: Department of Environmental Protection

Telephone: 860-871-4047

### Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

### State Contacts for Additional Information

Natural Resources and Environment 860-424-3474

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Coastal Zone Management**

#### Government Records Searched in This Report

##### **CAMA Management Areas**

Dept. of Env., Health & Natural Resources  
919-733-2293

#### Federal Contacts for Additional Information

##### **Office of Ocean and Coastal Resource Management**

N/ORM, SSMC4  
1305 East-West Highway  
Silver Spring, Maryland 20910  
301-713-3102

#### State Contacts for Additional Information

Dept. of Env. Protection, Office of Long Island Sound Programs 860-424-3034

### **FCC & FAA SITES MAP**

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

#### Government Records Searched in This Report

##### **Cellular**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **4G Cellular**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **Antenna Structure Registration**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **Towers**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **AM Antenna**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **FM Antenna**

Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554  
888-225-5322

### **FAA Digital Obstacle File**

Federal Aviation Administration (FAA)  
1305 East-West Highway, Station 5631  
Silver Spring, MD 20910-3281  
Telephone: 301-713-2817  
Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

### **Airport Landing Facilities**

Federal Aviation Administration  
Telephone (800) 457-6656  
Private and public use landing facilities.

### **Excessive Radio Frequency Emission**

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.


### Federal Contacts for Additional Information

Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554  
Phone: 202-418-2470

## **OTHER CONTACT SOURCES**

### **STREET AND ADDRESS INFORMATION**

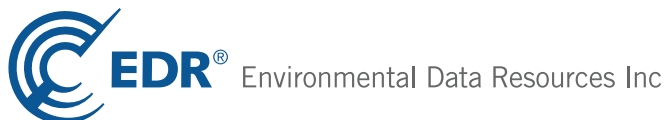
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**COOPER AVE**  
COOPER AVE  
Milford, CT 06460

Inquiry Number: 4130351.2s  
November 10, 2014

## The EDR Radius Map™ Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	7
Orphan Summary .....	26
Government Records Searched/Data Currency Tracking .....	GR-1

### GEOCHECK ADDENDUM

#### GeoCheck - Not Requested

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

COOPER AVE  
NEW HAVEN County, CT 06460

#### COORDINATES

Latitude (North):	41.2020000 - 41° 12' 7.20"
Longitude (West):	73.0647000 - 73° 3' 52.92"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	662272.3
UTM Y (Meters):	4562774.5
Elevation:	6 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41073-B1 MILFORD, CT
Most Recent Revision:	1984

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120821, 20120712, 20120725
Source:	USDA

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL..... National Priority List

## EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls  
LUCIS..... Land Use Control Information System

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... List of Landfills/Transfer Stations

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

AST..... Marine Terminals and Tank Information  
INDIAN UST..... Underground Storage Tanks on Indian Land  
FEMA UST..... Underground Storage Tank Listing

### ***State and tribal institutional control / engineering control registries***

ENG CONTROLS..... Engineering Controls Listing



## EXECUTIVE SUMMARY

AUL..... ELUR Sites

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Remediation Sites

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields Inventory

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
SWRCY..... Recycling Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

#### ***Local Lists of Hazardous waste / Contaminated Sites***

US CDL..... Clandestine Drug Labs  
CDL..... Clandestine Drug Lab Listing  
US HIST CDL..... National Clandestine Laboratory Register

#### ***Local Land Records***

LIENS 2..... CERCLA Lien Information  
LIENS..... Environmental Liens Listing  
CT PROPERTY..... Property Transfer Filings

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Oil & Chemical Spill Database  
SPILLS 90..... SPILLS 90 data from FirstSearch

#### ***Other Ascertainable Records***

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
DOT OPS..... Incident and Accident Data  
DOD..... Department of Defense Sites  
FUDS..... Formerly Used Defense Sites  
CONSENT..... Superfund (CERCLA) Consent Decrees  
ROD..... Records Of Decision  
UMTRA..... Uranium Mill Tailings Sites  
US MINES..... Mines Master Index File  
TRIS..... Toxic Chemical Release Inventory System  
TSCA..... Toxic Substances Control Act

## EXECUTIVE SUMMARY

FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
LWDS.....	Connecticut Leachate and Wastewater Discharge Sites
MANIFEST.....	Hazardous Waste Manifest Data
DRYCLEANERS.....	Drycleaner Facilities
ENF.....	Enforcement Case Listing
NPDES.....	Wastewater Permit Listing
AIRS.....	Permitted Air Sources Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
SEH.....	List of Significant Environmental Hazards Report to DEEP
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
Financial Assurance.....	Financial Assurance Information Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PRP.....	Potentially Responsible Parties
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank
RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***State- and tribal - equivalent CERCLIS***

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Protection's Inventory of Hazardous Disposal Sites.

A review of the SHWS list, as provided by EDR, and dated 04/23/2010 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SILVER SANDS LANDFILL</b>	<b>165 SAMUEL A. SMITH LAN</b>	<b>WNW 1/8 - 1/4 (0.144 mi.)</b>	<b>3</b>	<b>11</b>
<b>MRMC, INC.</b>	<b>857 BRIDGEPORT AVENUE</b>	<b>NW 1/2 - 1 (0.814 mi.)</b>	<b>7</b>	<b>23</b>

SDADB: Site Discovery and Assessment Database.

A review of the SDADB list, as provided by EDR, and dated 04/23/2010 has revealed that there is 1 SDADB site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SILVER SANDS LANDFILL</b>	<b>165 SAMUEL A. SMITH LAN</b>	<b>WNW 1/8 - 1/4 (0.144 mi.)</b>	<b>3</b>	<b>11</b>

#### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Leaking Underground Storage Tank List.

A review of the LUST list, as provided by EDR, and dated 09/09/2014 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AL DUBOIS</b>	<b>40 CARLSON DR.</b>	<b>NW 1/4 - 1/2 (0.382 mi.)</b>	<b>6</b>	<b>19</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EAST BROADWAY PUMP STATION</b>	<b>86 SAMUEL SMITH LANE</b>	<b>W 1/8 - 1/4 (0.139 mi.)</b>	<b>A2</b>	<b>7</b>
<b>MR. DUPHINEE</b>	<b>414 WEST MAYFLOWER ROAD</b>	<b>NW 1/4 - 1/2 (0.297 mi.)</b>	<b>5</b>	<b>15</b>

#### ***State and tribal registered storage tank lists***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's "Town Inventory" UST Listing.

A review of the UST list, as provided by EDR, and dated 06/03/2014 has revealed that there are 2 UST

## EXECUTIVE SUMMARY

sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SILVER SANDS STATE PARK	SAMUEL SMITH LANE	W 1/8 - 1/4 (0.240 mi.)	4	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EAST BROADWAY PUMP STATION	86 SAMUEL SMITH LN	W 1/8 - 1/4 (0.139 mi.)	A1	7

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

CPCS: A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

A review of the CPCS list, as provided by EDR, and dated 01/30/2014 has revealed that there are 3 CPCS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SILVER SANDS LANDFILL</b>	<b>165 SAMUEL A. SMITH LAN</b>	<b>WNW 1/8 - 1/4 (0.144 mi.)</b>	<b>3</b>	<b>11</b>
<b>AL DUBOIS</b>	<b>40 CARLSON DR.</b>	<b>NW 1/4 - 1/2 (0.382 mi.)</b>	<b>6</b>	<b>19</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>MR. DUPHINEE</b>	<b>414 WEST MAYFLOWER ROAD</b>	<b>NW 1/4 - 1/2 (0.297 mi.)</b>	<b>5</b>	<b>15</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
SILVER SANDS LANDFILL	CERC-NFRAP
MAPLEWOOD AVE. & EAST BROADWAY	SWF/LF
	FINDS

# OVERVIEW MAP - 4130351.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

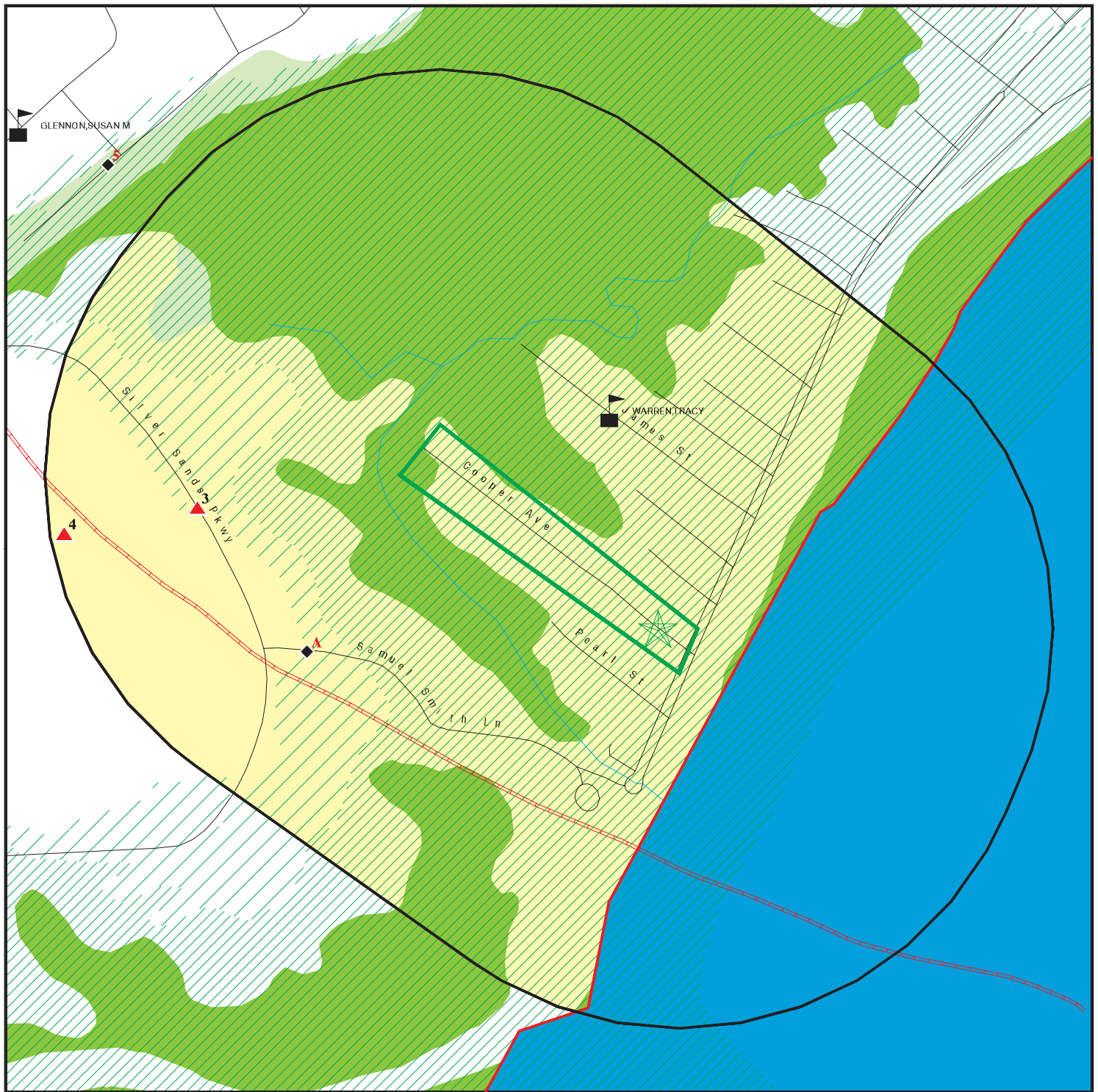
State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: COOPER AVE  
ADDRESS: COOPER AVE  
Milford CT 06460  
LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
CONTACT: Doug Brink  
INQUIRY #: 4130351.2s  
DATE: November 10, 2014 4:11 pm

# DETAIL MAP - 4130351.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: COOPER AVE  
ADDRESS: COOPER AVE  
Milford CT 06460  
LAT/LONG: 41.202 / 73.0647

CLIENT: Freeman Companies LLC  
CONTACT: Doug Brink  
INQUIRY #: 4130351.2s  
DATE: November 10, 2014 4:13 pm

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	1	0	1	NR	2
SDADB	0.500		0	1	0	NR	NR	1
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	1	2	NR	NR	3
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
UST	0.250		0	2	NR	NR	NR	2



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
CT PROPERTY	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
LWDS	0.250		0	0	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
SEH	0.500		0	0	0	NR	NR	0
CPCS	0.500		0	1	2	NR	NR	3
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**West**  
**1/8-1/4**  
**0.139 mi.**  
**734 ft.**  
**EAST BROADWAY PUMP STATION**  
**86 SAMUEL SMITH LN**  
**MILFORD, CT 06460**  
**Site 1 of 2 in cluster A**

**UST** **U004193100**  
**N/A**

**Relative:**  
**Lower**

UST:

Facility Id: 84-44953  
Latitude: Not reported  
Longitude: Not reported  
Owner: CITY OF MILFORD  
Owner Address: 83 FORD ST  
Owner Address 2: Not reported  
Owner City,St,Zip: MILFORD, CT 064612549

**Actual:**  
**2 ft.**

Tank ID: 3f881b7a-192e-449d-9ec0-876ecea9aeb1  
Compartment ID: c6448307-c7cc-463a-9748-c4a4192cbae3  
Compartment Num: 1  
Alt. Tank ID: A1  
**Tank Status: Permanently Closed**  
Tank Material: Fiberglass Reinforced Plastic  
Secondary Material: Not reported  
Capacity: 2000  
Substance: Diesel  
Date Installed: 01/01/1990  
Date Last Used: 12/01/2011  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Other (Specify)  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

**A2**  
**West**  
**1/8-1/4**  
**0.139 mi.**  
**734 ft.**  
**EAST BROADWAY PUMP STATION**  
**86 SAMUEL SMITH LANE**  
**MILFORD, CT**  
**Site 2 of 2 in cluster A**

**LUST** **S111442071**  
**SPILLS** **N/A**

**Relative:**  
**Lower**

LUST:

LUST Id: 0  
UST Facility Id: 0  
LUST Case Id: 60201  
Lust Status: Lust Completed  
Processing Status: Not reported  
EPA Reportable: False  
Motor Fuel: True  
Diesel: True  
Gasoline: False  
Other: False  
Other Release: Not reported  
No Release: False  
Leak: False  
Tank: True  
Piping: False  
Overfill: False  
Removal: True  
Incident Date: 2011-12-09 00:00:00  
Entry Date: 2012-05-11 00:00:00  
Site Case Id: 201108096  
UST Site Id: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BROADWAY PUMP STATION (Continued)**

**S111442071**

Cost Recovery Spill Case #: 0  
Old SITS Number: 0  
Case Log Id: 0  
Monthly Report Id: 0  
UST Owner Id: 0  
LUST Owner Id: Not reported  
UST Event Id: 0  
Contact Info: Not reported  
Contact EMail: Not reported  
Site Contact City,St,Zip: UNKNOWN  
2nd Contact: Julie Williams (Aecom)  
2nd Contact EMail: julie.williams2@aecom.com  
2nd Contact Address: 500 Enterprise Drive  
2nd Contact City,St,Zip: 119, CT 06067  
2nd Contact Address 2: Suite 1A  
2nd Contact City 2: Rocky Hill  
2nd Contact Phone Number: 8606834200  
2nd Contact Fax Number: 8602635777  
2nd Contact Type: Environmental Scientist  
Facility City Num: 84  
Site Contact: Not reported  
Site Contact Address: Not reported  
Site Contact Add 2: Not reported  
Site Contact City 2: Not reported  
Site Contact Phone: Not reported  
Site Contact Fax: Not reported  
Site Contact Type: Not reported  
Department Contact 1: Not reported  
Department Contact 2: Not reported  
Referral Source: Not reported  
Offsite Source: False  
Date Referred: Not reported  
Emergency: False  
Private Heating Fuel: False  
Commercial Heating Fuel: False  
Commercial HF < 2100 Gal.: False  
Commercial HF > 2100 Gal.: False  
Commercial HF - Size Unk: False  
No LUST Site: False  
Cost Recvry Prgm Candidate: False  
OCSRD Complete: False  
Follow Up Flag: False  
Alternate Water Supply: False  
Relocation: False  
Responsible Party: False  
Responsible EMail: Not reported  
Resp Party Name: City of Milford  
Resp Party Address: 1255 Oronoque Road  
Resp Party City,St,Zip: Milford, CT 064611714  
Resp Party Town Number: 84  
Resp Party Phone: 2037833263  
Resp Party Fax: Not reported  
Resp Party Name 2: Not reported  
Resp Party Address 2: Not reported  
Resp Party Phone 2: Not reported  
Investigator Id: 0  
Follow Update: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BROADWAY PUMP STATION (Continued)**

**S111442071**

Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	GB
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	0
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	True
Soil Sample:	True
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	True
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BROADWAY PUMP STATION (Continued)**

**S111442071**

Referred To: Not reported  
No Wells: 0  
Lph Wells: 0  
User Stamp: Allison Forrest/ForrestA  
Date Stamp: 2012-09-18 00:00:00  
Correspondence: Not reported  
Environmental Impact: Not reported  
FollowUp: Not reported  
GW Comments: Nearest surface water body, the Great Creek, is ~1,000 ft to the east of site.  
Location Desc: Not reported  
NOV Comments: Not reported  
Release Desc: Not reported  
Running Comments: Spills Files, UST Enforcement Files and LUST Files  
Work Performed: Not reported

**SPILLS:**

Year of Database: 2011  
Case Number: 201108096  
Who Took Spill: 208  
Assigned To: 0  
Report Date: 12/19/2011  
Report Time: 10:10:04  
Date Release: 12/19/2011  
Time Responded: Not reported  
Reported By: julie williams  
Phone: 860 2635843  
Representing: A E COM  
Terminated: YES  
Recovd (Total): 0  
Total (Water): 0  
Facility Status: CLOSED  
Continuous Spill: False  
Released Substance: #2 FUEL OIL  
Qty: 0 (Gallons)  
Emergency Measure: 2000 gal ust. No free product or ground water.  
Water Body: Not reported  
Discharger: city of milford  
Telephone: Not reported  
Responsible Party: Not reported  
RP Address 1: Not reported  
RP City,St,Zip: CT  
Historic: False  
Waterbody: False  
Time Stamp: 2011-12-19 19:00:51  
Sr Inspector: Monarca, Vincent  
At Inspctor: \*\*NO RESPONSE  
User Stamp: cguzman  
Comments: Not reported  
Action: None Required  
Other Action: Not reported  
Agency ID: DEP Dispatch  
Other Agency: Not reported  
DEP Bureau: Not reported  
DEP Agency: Not reported  
Cause ID: Inground Tank Failure  
Other Cause: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EAST BROADWAY PUMP STATION (Continued)**

**S111442071**

Media ID: Ground Surface  
Other Media: Not reported  
Class ID: Governmental  
Other Class: Not reported  
Release Type: petroleum  
Other Release: Not reported

**3**  
**WNW**  
**1/8-1/4**  
**0.144 mi.**  
**762 ft.**

**SILVER SANDS LANDFILL**  
**165 SAMUEL A. SMITH LANE**  
**MILFORD, CT 06460**

**SHWS**  
**SDADB**  
**CPCS**

**S104254334**  
**N/A**

**Relative:**  
**Higher**

**SHWS:**

**Actual:**  
**11 ft.**

State ID: 244  
PTP Id Number: Not reported  
WPC Number: Not reported  
EPA ID: CTD983867441  
PO Office: Not reported  
Lat/Long: /  
Location Method: Not reported  
Groundwater Class: Not reported  
Surface Water Qualification: Not reported  
Waste Category: INDUSTRIAL  
Disposal Method: LANDFILL  
Sample: False  
Other Dept of Env. Protection: SWMU  
Updated By: Not reported  
Update Program: Not reported  
Date Updated: Not reported  
Duplicate: False  
Program: SUPERFUND  
Inventory Date: 7/6/1987  
On Inventory: True  
Assessed: True  
87 Group: EN  
87 Origin: INVENTORY  
On 87: True  
Comments: \* MOH SLUDGE. LANDFILL CLOSED IN 1982. STATE OWNED WETLAND AREA.  
STREET ADDRESS: AKA EAST BROADWAY

**Site Discovery and Assessment:**

Facility ID: 244  
Rem Master ID: 613  
PTP Id: Not reported  
WPC Number: Not reported  
Postal District: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Lat/Long Determined By: Not reported  
Ground Water Quality Classification: Not reported  
Surface Water Quality Classification: Not reported  
Waste Type: INDUSTRIAL  
Disposal: LANDFILL  
Sample Data Available: False  
Updated By: Not reported  
Update Program: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILVER SANDS LANDFILL (Continued)**

**S104254334**

Updated:	Not reported
Date Created:	Not reported
Duplicate:	False
EPA CERCLIS Id:	Not reported
Number EPA RCRIS Id:	Not reported
Site on EPA's CERCLIS:	True
Site Archived from CERCLIS:	False
Archive Date:	Not reported
EPA's Removal at Site:	False
Deferred to another EPA Program:	False
EPA Env Priority Initiative Site:	False
Federal Facility:	False
Site on EPA's National Priority List:	False
Part of an NPL site:	False
RCRA Generator Status:	Not reported
RCRA Permit Status:	Not reported
Referral Id:	239
Source of referral:	SUPERFUND
Date Received:	7/6/1987
Staff Assigned:	DEP
Remediation Program:	SUPERFUND
Date dt_assigned:	7/6/1987
Remediation Complete Approved DEP/Verified by LEP:	7/6/1987
Outcome:	INVENTORY
Remedial Id:	Not reported
PTP Id:	Not reported
Remediation Program:	Not reported
Remediation Program Entered:	Not reported
Staff Assigned:	Not reported
Remediation Program:	Not reported
Date dt_assign:	Not reported
Project Phase:	Not reported
Order issued:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Remedial Investigation Start:	Not reported
Remedial Investigation Completed:	Not reported
Remedial Design Start:	Not reported
Remedial Design complet:	Not reported
Remedial Action Start:	Not reported
Remedial Action Completed:	Not reported
Date Oper/ maintenance Started:	Not reported
GW monitoring:	Not reported
Remediation complete Approved DEP/Verified by LEP:	Not reported
Order Id:	Not reported
Order Number:	Not reported
Date order issued:	Not reported
Staff Assigned:	Not reported
Type of Order:	Not reported
Order Respondent:	Not reported
Admin Appeal Date:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Admin Appeal Ruling:	Not reported
Date of Final Order:	Not reported
Date of Court Appeal:	Not reported
Date of Court Ruling:	Not reported
Date of Court Ruling:	Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILVER SANDS LANDFILL (Continued)**

**S104254334**

Date Order Modified: Not reported  
Date Referred to AG: Not reported  
Judgement: Not reported  
Date of AGR judgement: Not reported  
Penalty assessed: Not reported  
Order Complete: Not reported  
In compliance: Not reported  
Comments: Not reported

**CPCS:**

Site Type: Sites  
Lust Status: Not reported  
PTP Form: Not reported  
Program: -1  
Comments: \* Moh Sludge.Landfill Closed In 1982. State Owned Wetland Area.Street  
Address: Aka East Broadway  
Site Type Definition: Inventory of Hazardous Waste Disposal Sites

**4**  
**West**  
**1/8-1/4**  
**0.240 mi.**  
**1266 ft.**

**SILVER SANDS STATE PARK**  
**SAMUEL SMITH LANE**  
**MILFORD, CT**

**UST** **U003160137**  
**N/A**

**Relative:**  
**Higher**

**UST:**

**Actual:**  
**27 ft.**

Facility Id: 84-11242  
Latitude: Not reported  
Longitude: Not reported  
Owner: CT.D.E.P. (SUPPORT SERVICES)  
Owner Address: 79 ELM ST  
Owner Address 2: Not reported  
Owner City,St,Zip: HARTFORD, CT 061061650

Tank ID: 11242-1  
Compartment ID: 11242-1  
Compartment Num: 1  
Alt. Tank ID: A  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 1000  
Substance: Heating Oil  
Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-2  
Compartment ID: 11242-2  
Compartment Num: 1  
Alt. Tank ID: B1  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILVER SANDS STATE PARK (Continued)**

**U003160137**

Secondary Material: Not reported  
Capacity: 1000  
Substance: Gasoline  
Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-3  
Compartment ID: 11242-3  
Compartment Num: 1  
Alt. Tank ID: B2  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 1000  
Substance: Gasoline  
Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-4  
Compartment ID: 11242-4  
Compartment Num: 1  
Alt. Tank ID: C  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 1000  
Substance: Heating Oil  
Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-5  
Compartment ID: 11242-5  
Compartment Num: 1  
Alt. Tank ID: D  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 4000  
Substance: Diesel

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SILVER SANDS STATE PARK (Continued)**

**U003160137**

Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-6  
Compartment ID: 11242-6  
Compartment Num: 1  
Alt. Tank ID: E  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 4000  
Substance: Gasoline  
Date Installed: 01/01/1950  
Date Last Used: 09/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

Tank ID: 11242-7  
Compartment ID: 11242-7  
Compartment Num: 1  
Alt. Tank ID: F  
**Tank Status: Permanently Closed**  
Tank Material: Asphalt Coated or Bare Steel  
Secondary Material: Not reported  
Capacity: 275  
Substance: Gasoline  
Date Installed: 01/01/1950  
Date Last Used: 12/01/1993  
**Closure Status: Tank was Removed From Ground**  
Pipe Material: Bare or Galvanized Steel  
Pipe Mode Description: Not reported  
Spill Installed: Not reported  
Overfill Installed: Not reported

5  
NW  
1/4-1/2  
0.297 mi.  
1566 ft.

**MR. DUPHINEE**  
**414 WEST MAYFLOWER ROAD**  
**MILFORD, CT 06460**

**LUST S105440818**  
**SPILLS N/A**  
**CPCS**

**Relative:**  
**Lower**

**LUST:**  
LUST Id: 6155  
UST Facility Id: Not reported  
LUST Case Id: 34280  
Lust Status: Lust Completed  
Processing Status: Not reported  
EPA Reportable: False  
Motor Fuel: False

**Actual:**  
**5 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MR. DUPHINEE (Continued)**

**S105440818**

Diesel:	False
Gasoline:	False
Other:	False
Other Release:	Not reported
No Release:	False
Leak:	False
Tank:	False
Piping:	False
Overfill:	False
Removal:	False
Incident Date:	1998-06-29 00:00:00
Entry Date:	Not reported
Site Case Id:	9804132
UST Site Id:	Not reported
Cost Recovery Spill Case #:	Not reported
Old SITS Number:	Not reported
Case Log Id:	Not reported
Monthly Report Id:	0
UST Owner Id:	Not reported
LUST Owner Id:	Not reported
UST Event Id:	6270
Contact Info:	Not reported
Contact EMail:	Not reported
Site Contact City,St,Zip:	UNKNOWN
2nd Contact:	Not reported
2nd Contact EMail:	Not reported
2nd Contact Address:	Not reported
2nd Contact City,St,Zip:	UNKNOWN
2nd Contact Address 2:	Not reported
2nd Contact City 2:	Not reported
2nd Contact Phone Number:	Not reported
2nd Contact Fax Number:	Not reported
2nd Contact Type:	Not reported
Facility City Num:	84
Site Contact:	Not reported
Site Contact Address:	Not reported
Site Contact Add 2:	Not reported
Site Contact City 2:	Not reported
Site Contact Phone:	Not reported
Site Contact Fax:	Not reported
Site Contact Type:	Not reported
Department Contact 1:	Not reported
Department Contact 2:	Not reported
Referral Source:	Not reported
Offsite Source:	False
Date Referred:	Not reported
Emergency:	False
Private Heating Fuel:	True
Commercial Heating Fuel:	False
Commercial HF < 2100 Gal.:	False
Commercial HF > 2100 Gal.:	False
Commercial HF - Size Unk:	False
No LUST Site:	False
Cost Recvry Prgm Candidate:	False
OCSR Complete:	True
Follow Up Flag:	False
Alternate Water Supply:	False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MR. DUPHINEE (Continued)**

**S105440818**

Relocation:	False
Responsible Party:	False
Responsible EMail:	Not reported
Resp Party Name:	Not reported
Resp Party Address:	Not reported
Resp Party City,St,Zip:	Not reported
Resp Party Town Number:	UNKNOWN
Resp Party Phone:	Not reported
Resp Party Fax:	Not reported
Resp Party Name 2:	Not reported
Resp Party Address 2:	Not reported
Resp Party Phone 2:	Not reported
Investigator Id:	35
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MR. DUPHINEE (Continued)**

**S105440818**

NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False
Qrtly Gwater Mon Rpts:	False
Closure Req Rpt:	False
DEP Closure Letter:	False
Referred To:	Not reported
No Wells:	Not reported
Lph Wells:	Not reported
User Stamp:	Not reported
Date Stamp:	Not reported
Correspondence:	Not reported
Environmental Impact:	Not reported
FollowUp:	Not reported
GW Comments:	Not reported
Location Desc:	Not reported
NOV Comments:	Not reported
Release Desc:	Not reported
Running Comments:	#2 Fuel Oil, , Contained and removed
Work Performed:	Not reported

**SPILLS:**

Year of Database:	1998
Case Number:	9804132
Who Took Spill:	924
Assigned To:	0
Report Date:	06/29/1998
Report Time:	09:04:28
Date Release:	06/29/1998
Time Responded:	Not reported
Reported By:	mike sabia
Phone:	203 3778900
Representing:	sabia construction
Terminated:	YES
Recovd (Total):	20
Total (Water):	0
Facility Status:	Closed
Continuous Spill:	False
Released Substance:	#2 Fuel Oil
Qty:	0 (Gallons)
Emergency Measure:	Contained and removed
Water Body:	None reported
Discharger:	mr. duphinee
Telephone:	203 8745015
Responsible Party:	YES
RP Address 1:	saa
RP City,St,Zip:	MILFORD, CT 06460
Historic:	False
Waterbody:	False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MR. DUPHINEE (Continued)**

**S105440818**

Time Stamp: 1998-06-30 11:34:20  
Sr Inspector: Gothberg, Erik  
At Inspctor: \*\*NO RESPONSE  
User Stamp: Not reported  
Comments: Not reported  
Action: Removed  
Other Action: Not reported  
Action: Cleaned  
Other Action: Not reported  
Action: Removed Tank  
Other Action: Not reported  
Action: Soil Removed  
Other Action: Not reported  
Agency ID: DEP  
Other Agency: Not reported  
DEP Bureau: BUREAU OF WASTE MANAGEMENT  
DEP Agency: OIL AND CHEMICAL SPILL RESPONSE  
Cause ID: Inground Tank Failure  
Other Cause: Not reported  
Media ID: Ground Surface  
Other Media: Not reported  
Release Type: petroleum  
Other Release: Not reported

**CPCS:**

Site Type: LUST  
Lust Status: LUST Completed (DEP's significant hazard definition)  
PTP Form: Not reported  
Program: Not reported  
Comments: #2 Fuel Oil, , Contained And Removed  
Site Type Definition: Leaking Underground Storage Tanks Completed

**6  
NW  
1/4-1/2  
0.382 mi.  
2017 ft.**

**AL DUBOIS  
40 CARLSON DR.  
MILFORD, CT 06460**

**LUST S105443920  
SPILLS N/A  
CPCS**

**Relative:  
Higher**

**LUST:**

**Actual:  
27 ft.**

LUST Id: 8016  
UST Facility Id: Not reported  
LUST Case Id: 36067  
Lust Status: Lust Completed  
Processing Status: Not reported  
EPA Reportable: False  
Motor Fuel: False  
Diesel: False  
Gasoline: False  
Other: False  
Other Release: Not reported  
No Release: False  
Leak: False  
Tank: False  
Piping: False  
Overfill: False  
Removal: False  
Incident Date: 1999-04-26 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AL DUBOIS (Continued)**

**S105443920**

Entry Date: Not reported  
Site Case Id: 9902658  
UST Site Id: Not reported  
Cost Recovery Spill Case #: Not reported  
Old SITS Number: Not reported  
Case Log Id: Not reported  
Monthly Report Id: 0  
UST Owner Id: Not reported  
LUST Owner Id: Not reported  
UST Event Id: 8197  
Contact Info: Not reported  
Contact EMail: Not reported  
Site Contact City,St,Zip: UNKNOWN  
2nd Contact: Not reported  
2nd Contact EMail: Not reported  
2nd Contact Address: Not reported  
2nd Contact City,St,Zip: UNKNOWN  
2nd Contact Address 2: Not reported  
2nd Contact City 2: Not reported  
2nd Contact Phone Number: Not reported  
2nd Contact Fax Number: Not reported  
2nd Contact Type: Not reported  
Facility City Num: 84  
Site Contact: Not reported  
Site Contact Address: Not reported  
Site Contact Add 2: Not reported  
Site Contact City 2: Not reported  
Site Contact Phone: Not reported  
Site Contact Fax: Not reported  
Site Contact Type: Not reported  
Department Contact 1: Not reported  
Department Contact 2: Not reported  
Referral Source: Not reported  
Offsite Source: False  
Date Referred: Not reported  
Emergency: False  
Private Heating Fuel: True  
Commercial Heating Fuel: False  
Commercial HF < 2100 Gal.: False  
Commercial HF > 2100 Gal.: False  
Commercial HF - Size Unk: False  
No LUST Site: False  
Cost Recvry Prgm Candidate: False  
OCSR Complete: True  
Follow Up Flag: False  
Alternate Water Supply: False  
Relocation: False  
Responsible Party: False  
Responsible EMail: Not reported  
Resp Party Name: Not reported  
Resp Party Address: Not reported  
Resp Party City,St,Zip: Not reported  
Resp Party Town Number: UNKNOWN  
Resp Party Phone: Not reported  
Resp Party Fax: Not reported  
Resp Party Name 2: Not reported  
Resp Party Address 2: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AL DUBOIS (Continued)**

**S105443920**

Resp Party Phone 2:	Not reported
Investigator Id:	35
Follow Update:	Not reported
Area Lextent:	Not reported
Annual Precipitation:	Not reported
Affected Population:	Not reported
Population Setting:	Not reported
Ground Water Direction:	Not reported
Ground Water Gradient:	Not reported
Hydro Basin:	Not reported
Drastic:	Not reported
Geo Setting:	Not reported
Ground Water Classification:	Not reported
Receptor:	Not reported
Ground Water Flow Direction:	Not reported
Ground Water Depth:	Not reported
Areas Of Concern:	Not reported
Free Product Inches:	Not reported
Fund Date:	Not reported
Fund Planned:	No
Fund Obligated:	No
Fund Outlayed:	No
Fund Judgment:	No
Fund Recovered:	No
Cellar Borings:	False
Install Micro Wells:	False
Ground Water Sample:	False
Soil Sample:	False
Soil Gas:	False
Site Inspect:	False
Soil Excavate:	False
Geo Probe:	False
Survey:	False
Potable Well Sample:	False
Sample MWS:	False
Ground Water Gauging:	False
Soil Venting:	False
Active:	False
NOV Action:	None
NOV Issued:	Not reported
NOV Due:	Not reported
NOV Received:	Not reported
NOV Closed:	Not reported
NOV Disc Date:	Not reported
NOV Issued Date:	Not reported
NOV Compliance Sched:	Not reported
NOV Admin Order:	Not reported
NOV Referred To Ag:	Not reported
Stop All NOV Actions:	False
Release Invest Rpt:	False
DEP App Letter 1:	False
Correct Action Plan:	False
DEP App Letter 2:	False
Rem Sys Install:	False
Rem Sys Install Date:	Not reported
Closure Date:	Not reported
Rem Sys Monitoring Rpt:	False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AL DUBOIS (Continued)**

**S105443920**

Qrtly Gwater Mon Rpts: False  
Closure Req Rpt: False  
DEP Closure Letter: False  
Referred To: Not reported  
No Wells: Not reported  
Lph Wells: Not reported  
User Stamp: Not reported  
Date Stamp: Not reported  
Correspondence: Not reported  
Environmental Impact: Not reported  
FollowUp: Not reported  
GW Comments: Not reported  
Location Desc: Not reported  
NOV Comments: Not reported  
Release Desc: Not reported  
Running Comments: 550, Heating Oil, PRIVATE, 550 UST LEAKER  
Work Performed: Not reported

**SPILLS:**

Year of Database: 1999  
Case Number: 9902658  
Who Took Spill: 931  
Assigned To: 0  
Report Date: 04/26/1999  
Report Time: 16:48:30  
Date Release: 04/26/1999  
Time Responded: 09:00:00  
Reported By: TIM FARRELLY  
Phone: 800 3942268  
Representing: ENVIROSHIELD  
Terminated: YES  
Recovd (Total): 0  
Total (Water): 0  
Facility Status: Closed  
Continuous Spill: False  
Released Substance: #2 FUEL OIL  
Qty: 0 (Gallons)  
Emergency Measure: 550 UST LEAKER  
Water Body: NA  
Discharger: AL DuBOIS  
Telephone: 203 8745059  
Responsible Party: YES  
RP Address 1: SAME  
RP City,St,Zip: CT  
Historic: False  
Waterbody: False  
Time Stamp: 1999-04-26 16:55:29  
Sr Inspector: Coss, Brian  
At Inspctor: \*\*NO RESPONSE  
User Stamp: Not reported  
Comments: Not reported  
Action: Removed Tank  
Other Action: Not reported  
Cause ID: Inground Tank Failure  
Other Cause: Not reported  
Media ID: Other  
Other Media: SOIL ONLY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AL DUBOIS (Continued)**

**S105443920**

Class ID: Private  
Other Class: Not reported  
Release Type: petroleum  
Other Release: Not reported

**CPCS:**

Site Type: LUST  
Lust Status: LUST Completed (DEP's significant hazard definition)  
PTP Form: Not reported  
Program: Not reported  
Comments: 550, Heating Oil, Private, 550 Ust Leaker  
Site Type Definition: Leaking Underground Storage Tanks Completed

**7**  
**NW**  
**1/2-1**  
**0.814 mi.**  
**4300 ft.**

**MRMC, INC.**  
**857 BRIDGEPORT AVENUE**  
**MILFORD, CT 06460**

**SHWS** **S104188098**  
**SDADB** **N/A**  
**CPCS**

**Relative:**  
**Higher**

**Actual:**  
**55 ft.**

**SHWS:**

State ID: 240  
PTP Id Number: Not reported  
WPC Number: 084-011  
EPA ID: CTD001179720  
PO Office: Not reported  
Lat/Long: 41.3333/-73.15  
Location Method: UNK  
Groundwater Class: Not reported  
Surface Water Qualification: Not reported  
Waste Category: ACID/BASE, MOH SLUDGE, CYANIDE  
Disposal Method: SEPTIC, TO GROUND  
Sample: False  
Other Dept of Env. Protection: RCRA  
Updated By: FRIGON, R. L .  
Update Program: PTP  
Date Updated: 8/23/1999  
Duplicate: False  
Program: SUPERFUND  
Inventory Date: 7/6/1987  
On Inventory: True  
Assessed: True  
87 Group: EN  
87 Origin: INVENTORY  
On 87: True  
Comments: COMPANY DISCHARGE TO GROUND/SEPTIC SYSTEM ELIMINATED. IN OPERATION SINCE 1929. EFFLUENT TO SEWER UNDER STATE PERMIT.(7/87) ORDERS: HM-779 ISSUED 8/12/94 COMPLETE. SRD-0009 CO ISSUED 4/26/91. FORM III FILED 4/95 AND 1990(?). FORM III AND ECAF REC'D 2/5/96.(9/96) REPEAT FILING FORM III AND ECAF 6/28/99 DEFERRED TO LEP. (8/99) 853-867 BRIDGEPORT AVENUE

**Site Discovery and Assessment:**

Facility ID: 240  
Rem Master ID: 340  
PTP Id: Not reported  
WPC Number: 084-011  
Postal District: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MRMC, INC. (Continued)**

**S104188098**

Latitude: 41.3333  
Longitude: -73.15  
Lat/Long Determined By: UNK  
Ground Water Quality Classification: Not reported  
Surface Water Quality Classification: Not reported  
Waste Type: ACID/BASE, MOH SLUDGE, CYANIDE  
Disposal: SEPTIC, TO GROUND  
Sample Data Available: False  
Updated By: FRIGON, R. L .  
Update Program: PTP  
Updated: 8/23/1999  
Date Created: Not reported  
Duplicate: False  
EPA CERCLIS Id: Not reported  
Number EPA RCRIS Id: Not reported  
Site on EPA's CERCLIS: True  
Site Archived from CERCLIS: False  
Archive Date: Not reported  
EPA's Removal at Site: False  
Deferred to another EPA Program: False  
EPA Env Priority Initiative Site: False  
Federal Facility: False  
Site on EPA's National Priority List: False  
Part of an NPL site: False  
RCRA Generator Status: LQG  
RCRA Permit Status: Not reported  
Referral Id: 235  
Source of referral: SUPERFUND  
Date Received: 7/6/1987  
Staff Assigned: DEP  
Remediation Program: SUPERFUND  
Date dt\_assigned: 7/6/1987  
Remediation Complete Approved DEP/Verified by LEP: 7/6/1987  
Outcome: INVENTORY  
Remedial Id: 674  
PTP Id: 0  
Remediation Program: SRP  
Remediation Program Entered: 4/26/1991  
Staff Assigned: O'CONNOR, T.  
Remediation Program: SRP  
Date dt\_assign: Not reported  
Project Phase: Not reported  
Order issued: True  
Order Number: SRD-0009  
Date order issued: 4/26/1991  
Remedial Investigation Start: Not reported  
Remedial Investigation Completed: Not reported  
Remedial Design Start: Not reported  
Remedial Design complet: Not reported  
Remedial Action Start: Not reported  
Remedial Action Completed: Not reported  
Date Oper/ maintenance Started: Not reported  
GW monitoring: False  
Remediation complete Approved DEP/Verified by LEP: Not reported  
Order Id: 9  
Order Number: SRD-0009  
Date order issued: 4/26/1991

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MRMC, INC. (Continued)**

**S104188098**

Staff Assigned: O'CONNOR, T.  
Type of Order: CO  
Order Respondent: MRMC  
Admin Appeal Date: Not reported  
Date of Admin Appeal Ruling: Not reported  
Date of Admin Appeal Ruling: Not reported  
Date of Final Order: 4/26/1991  
Date of Court Appeal: Not reported  
Date of Court Ruling: Not reported  
Date of Court Ruling: Not reported  
Date Order Modified: Not reported  
Date Referred to AG: Not reported  
Judgement: Not reported  
Date of AGR judgement: Not reported  
Penalty assessed: 0  
Order Complete: Not reported  
In compliance: False  
Comments: RESPONDENT IS TRYING TO COMPLY.

**SDADB:**

Waste Id: 3  
Waste Type: ACID/BASE  
Description: Not reported

**CPCS:**

Site Type: Sites  
Lust Status: Not reported  
PTP Form: Not reported  
Program: -1  
Comments: Company Discharge To Ground/septic System Eliminated. In Operation Since 1929. Effluent To Sewer Under State Permit.(7/87)Orders: Hm-779 Issued 8/12/94 Complete. Srd-0009 Co Issued 4/26/91. Form Iii Filed 4/95 And 1990(?). Form Iii And Ecaf Rec'd 2/5/9

Site Type Definition: Inventory of Hazardous Waste Disposal Sites

Site Type: Projects  
Lust Status: Not reported  
PTP Form: III  
Program: Property Transfer Program  
Comments: Projects  
Site Type Definition: Property Transfer Form III

Site Type: Projects  
Lust Status: Not reported  
PTP Form: III  
Program: Property Transfer Program  
Comments: Projects  
Site Type Definition: Property Transfer Form III

Site Type: Projects  
Lust Status: Not reported  
PTP Form: III  
Program: Property Transfer Program  
Comments: Projects  
Site Type Definition: Property Transfer Form III

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MILFORD	1002863206	SILVER SANDS LANDFILL	EAST BROADWAY STREET	06460	CERC-NFRAP
MILFORD	1014879895	MAPLEWOOD AVE. & EAST BROADWAY	MAPLEWOOD AVE. & EAST BROADWAY		FINDS
MILFORD	S108723205		SILVER SANDS STATE PARK	06461	SWF/LF

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### **FEDERAL FACILITY: Federal Facility Site Information listing**

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

## ***Federal CERCLIS NFRAP site List***

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

### **CORRACTS: Corrective Action Report**

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

#### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

#### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

#### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

#### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### **US ENG CONTROLS: Engineering Controls Sites List**

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### **US INST CONTROL: Sites with Institutional Controls**

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### **LUCIS: Land Use Control Information System**

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/01/2014
	Data Release Frequency: Varies

## ***Federal ERNS list***

### **ERNS: Emergency Response Notification System**

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### **SHWS: Inventory of Hazardous Disposal Sites**

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/23/2010	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 04/23/2010	Telephone: 860-424-3705
Date Made Active in Reports: 05/25/2010	Last EDR Contact: 10/03/2014
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SDADB: Site Discovery and Assessment Database

All sites reported to Permitting, Enforcement, and Remediation Division where it is suspected that hazardous waste may have been disposed or sites that are eligible for listing on the State Inventory of Hazardous Waste Disposal Sites.

Date of Government Version: 04/23/2010

Date Data Arrived at EDR: 04/23/2010

Date Made Active in Reports: 05/25/2010

Number of Days to Update: 32

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3705

Last EDR Contact: 10/03/2014

Next Scheduled EDR Contact: 01/19/2015

Data Release Frequency: No Update Planned

### ***State and tribal landfill and/or solid waste disposal site lists***

#### SWF/LF: List of Landfills/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/14/2013

Date Data Arrived at EDR: 10/30/2013

Date Made Active in Reports: 12/06/2013

Number of Days to Update: 37

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3366

Last EDR Contact: 10/31/2014

Next Scheduled EDR Contact: 02/09/2015

Data Release Frequency: Annually

### ***State and tribal leaking storage tank lists***

#### LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/09/2014

Date Data Arrived at EDR: 09/19/2014

Date Made Active in Reports: 09/30/2014

Number of Days to Update: 11

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3376

Last EDR Contact: 07/07/2014

Next Scheduled EDR Contact: 10/20/2014

Data Release Frequency: Semi-Annually

#### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014

Date Data Arrived at EDR: 08/22/2014

Date Made Active in Reports: 09/18/2014

Number of Days to Update: 27

Source: EPA Region 7

Telephone: 913-551-7003

Last EDR Contact: 10/27/2014

Next Scheduled EDR Contact: 02/09/2015

Data Release Frequency: Varies

#### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014

Date Data Arrived at EDR: 08/15/2014

Date Made Active in Reports: 08/22/2014

Number of Days to Update: 7

Source: EPA Region 8

Telephone: 303-312-6271

Last EDR Contact: 10/27/2014

Next Scheduled EDR Contact: 02/09/2015

Data Release Frequency: Quarterly

#### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014

Date Data Arrived at EDR: 06/10/2014

Date Made Active in Reports: 08/22/2014

Number of Days to Update: 73

Source: EPA Region 10

Telephone: 206-553-2857

Last EDR Contact: 10/27/2014

Next Scheduled EDR Contact: 02/09/2015

Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 08/05/2014	Telephone: 312-886-7439
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014	Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014	Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Semi-Annually

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/31/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013	Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/27/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Quarterly

### **State and tribal registered storage tank lists**

#### UST: Underground Storage Tank Data

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 06/03/2014	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 06/04/2014	Telephone: 860-424-3376
Date Made Active in Reports: 07/02/2014	Last EDR Contact: 09/02/2014
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Semi-Annually

#### AST: Marine Terminals and Tank Information

A listing of bulk petroleum facilities that receive petroleum by a vessel.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 07/07/2014  
Date Made Active in Reports: 07/08/2014  
Number of Days to Update: 1

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3233  
Last EDR Contact: 10/03/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013  
Date Data Arrived at EDR: 05/01/2013  
Date Made Active in Reports: 01/27/2014  
Number of Days to Update: 271

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/31/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014  
Date Data Arrived at EDR: 06/10/2014  
Date Made Active in Reports: 08/15/2014  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014  
Date Data Arrived at EDR: 08/15/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 7

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Quarterly

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 27

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/06/2014  
Date Data Arrived at EDR: 10/29/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 8

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Semi-Annually

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 17

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 08/22/2014  
Number of Days to Update: 10

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Semi-Annually

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010  
Date Data Arrived at EDR: 02/16/2010  
Date Made Active in Reports: 04/12/2010  
Number of Days to Update: 55

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Varies

### ***State and tribal institutional control / engineering control registries***

#### ENG CONTROLS: Engineering Controls Listing

An Engineered Control is a permanent physical structure designed to safely isolate pollutants which would otherwise not comply with the self-implementing remedial options allowed in the Connecticut Remediation Standard Regulations (RSRs). The ECGD includes a description of what is eligible to be considered as an Engineered Control under section 22a-133k-2(f)(2) of the RSRs, a description of the information necessary for the preparation of complete and approvable applications, a step-by-step outline of the review and approval process, and supplemental resources provided in the appendices.

Date of Government Version: 03/05/2013  
Date Data Arrived at EDR: 05/07/2013  
Date Made Active in Reports: 06/19/2013  
Number of Days to Update: 43

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3000  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Varies

#### AUL: ELUR Sites

Environmental Land Use Restriction sites.

Date of Government Version: 10/03/2014  
Date Data Arrived at EDR: 10/03/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 14

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3912  
Last EDR Contact: 11/06/2014  
Next Scheduled EDR Contact: 02/23/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal voluntary cleanup sites***

### **VCP: Voluntary Remediation Sites**

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 10/03/2014	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 10/03/2014	Telephone: 860-424-3705
Date Made Active in Reports: 10/17/2014	Last EDR Contact: 11/06/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/23/2015
	Data Release Frequency: Varies

### **INDIAN VCP R1: Voluntary Cleanup Priority Listing**

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 10/01/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Varies

### **INDIAN VCP R7: Voluntary Cleanup Priority Listing**

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## ***State and tribal Brownfields sites***

### **BROWNFIELDS 2: Brownfields Inventory**

A brownfield site is generally defined as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant?"

Date of Government Version: 11/30/2004	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 06/26/2009	Telephone: 860-424-3705
Date Made Active in Reports: 07/09/2009	Last EDR Contact: 09/26/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Varies

### **BROWNFIELDS: Brownfields Inventory**

CBRA has identified over 200 brownfield sites eligible for redevelopment. In most cases these are prime properties for commercial or industrial use. CBRA's grants, assistance and financing lower the financial risks and eliminate the legal, regulatory and environmental risks of redevelopment.

Date of Government Version: 09/24/2014	Source: Connecticut Brownfields Redevelopment Authority
Date Data Arrived at EDR: 09/25/2014	Telephone: 860-258-7833
Date Made Active in Reports: 09/30/2014	Last EDR Contact: 09/22/2014
Number of Days to Update: 5	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Varies

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

### **US BROWNFIELDS: A Listing of Brownfields Sites**

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/22/2014  
Date Data Arrived at EDR: 09/23/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 27

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 09/23/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### **ODI: Open Dump Inventory**

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations**

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/24/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: No Update Planned

#### **SWRCY: Recycling Facilities**

A listing of recycling facilities.

Date of Government Version: 02/14/2014  
Date Data Arrived at EDR: 02/25/2014  
Date Made Active in Reports: 03/26/2014  
Number of Days to Update: 29

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3223  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

#### **INDIAN ODI: Report on the Status of Open Dumps on Indian Lands**

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/29/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Varies

### ***Local Lists of Hazardous waste / Contaminated Sites***

#### **US CDL: Clandestine Drug Labs**

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014  
Date Data Arrived at EDR: 09/09/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 41

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations included in the Spills database.

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 09/10/2014  
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3361  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Quarterly

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/25/2014  
Date Data Arrived at EDR: 09/09/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 41

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 09/03/2014  
Next Scheduled EDR Contact: 12/15/2014  
Data Release Frequency: No Update Planned

### **Local Land Records**

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014  
Date Data Arrived at EDR: 03/18/2014  
Date Made Active in Reports: 04/24/2014  
Number of Days to Update: 37

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

#### LIENS: Environmental Liens Listing

A listing of environmental liens placed by the Cost Recovery Program.

Date of Government Version: 05/20/2014  
Date Data Arrived at EDR: 05/23/2014  
Date Made Active in Reports: 06/03/2014  
Number of Days to Update: 11

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3120  
Last EDR Contact: 08/14/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Varies

#### CT PROPERTY: Property Transfer Filings

A listing of sites that meet the definition of a hazardous waste establishment. They can be generators, dry cleaners, furniture strippers, etc. These sites have been sold to another owner.

Date of Government Version: 10/03/2014  
Date Data Arrived at EDR: 10/03/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 14

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3705  
Last EDR Contact: 11/06/2014  
Next Scheduled EDR Contact: 02/23/2015  
Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2014  
Date Data Arrived at EDR: 10/01/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 36

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Annually

### SPILLS: Oil & Chemical Spill Database Oil and Chemical Spill Data.

Date of Government Version: 07/30/2014  
Date Data Arrived at EDR: 08/05/2014  
Date Made Active in Reports: 09/10/2014  
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3024  
Last EDR Contact: 10/06/2014  
Next Scheduled EDR Contact: 01/19/2015  
Data Release Frequency: Semi-Annually

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/15/2012  
Date Data Arrived at EDR: 01/03/2013  
Date Made Active in Reports: 02/11/2013  
Number of Days to Update: 39

Source: FirstSearch  
Telephone: N/A  
Last EDR Contact: 01/03/2013  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **Other Ascertainable Records**

#### RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014  
Date Data Arrived at EDR: 07/02/2014  
Date Made Active in Reports: 09/18/2014  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 10/01/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

#### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 11/04/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Varies

#### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/10/2014	Telephone: 202-528-4285
Date Made Active in Reports: 09/18/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/24/2014	Telephone: Varies
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Varies

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 09/09/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Annually

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/20/2014
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Varies

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 01/30/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/05/2014	Telephone: 303-231-5959
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 09/04/2014
Number of Days to Update: 132	Next Scheduled EDR Contact: 12/15/2014
	Data Release Frequency: Semi-Annually

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 09/26/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/05/2015
	Data Release Frequency: Every 4 Years

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/19/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/27/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/31/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/29/2014	Telephone: 202-564-5088
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 10/10/2014
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/15/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Annually

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 09/08/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/08/2014	Telephone: 202-343-9775
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 12	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/16/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: EPA  
Telephone: (617) 918-1111  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Quarterly

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2014  
Date Data Arrived at EDR: 08/12/2014  
Date Made Active in Reports: 11/06/2014  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 02/26/2013  
Date Made Active in Reports: 04/19/2013  
Number of Days to Update: 52

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/29/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Biennially

### LWDS: Connecticut Leachate and Wastewater Discharge Sites

The Leachate and Waste Water Discharge Inventory Data Layer (LWDS) includes point locations digitized from Leachate and Wastewater Discharge Source maps compiled by the Connecticut DEP. These maps locate surface and groundwater discharges that (1) have received a waste water discharge permit from the state or (2) are historic and now defunct waste sites or (3) are locations of accidental spills, leaks, or discharges of a variety of liquid or solid wastes.

Date of Government Version: 07/17/2009  
Date Data Arrived at EDR: 10/21/2009  
Date Made Active in Reports: 10/30/2009  
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/15/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/19/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: No Update Planned

### DRYCLEANERS: Drycleaner Facilities

A listing of drycleaner facility locations.

Date of Government Version: 07/18/2008  
Date Data Arrived at EDR: 08/08/2008  
Date Made Active in Reports: 08/27/2008  
Number of Days to Update: 19

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3026  
Last EDR Contact: 09/15/2014  
Next Scheduled EDR Contact: 12/29/2014  
Data Release Frequency: Varies

### ENFORCEMENT: Enforcement Case Listing

The types of enforcement actions included are administrative consent orders, final unilateral orders and final dispositions of civil cases through the Attorney General's Office.

Date of Government Version: 07/21/2014  
Date Data Arrived at EDR: 07/25/2014  
Date Made Active in Reports: 09/11/2014  
Number of Days to Update: 48

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3265  
Last EDR Contact: 10/20/2014  
Next Scheduled EDR Contact: 02/02/2015  
Data Release Frequency: Varies

### NPDES: Wastewater Permit Listing

A listing of permits issued by the DEP.

Date of Government Version: 10/15/2014  
Date Data Arrived at EDR: 10/16/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 1

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3832  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Varies

### AIRS: Permitted Air Sources Listing

A listing of permitted air sources in Connecticut.

Date of Government Version: 05/15/2012  
Date Data Arrived at EDR: 05/15/2012  
Date Made Active in Reports: 05/31/2012  
Number of Days to Update: 16

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3026  
Last EDR Contact: 10/27/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Semi-Annually

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 10/20/2014  
Next Scheduled EDR Contact: 02/02/2015  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

A listing containing RCRA financial assurance information submitted on behalf of the CT DEP's Program Analysis Group of the Waste Engineering and Enforcement Division.

Date of Government Version: 07/23/2014  
Date Data Arrived at EDR: 07/01/2014  
Date Made Active in Reports: 07/09/2014  
Number of Days to Update: 8

Source: Department of Energy & Environmental Protection  
Telephone: 860-418-5930  
Last EDR Contact: 09/22/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/04/2014  
Date Data Arrived at EDR: 09/04/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 46

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 08/14/2014  
Next Scheduled EDR Contact: 12/01/2014  
Data Release Frequency: Quarterly

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/10/2014  
Next Scheduled EDR Contact: 12/22/2014  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011  
Date Data Arrived at EDR: 10/19/2011  
Date Made Active in Reports: 01/10/2012  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 10/31/2014  
Next Scheduled EDR Contact: 02/09/2015  
Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/23/2014  
Date Data Arrived at EDR: 06/26/2014  
Date Made Active in Reports: 07/21/2014  
Number of Days to Update: 25

Source: Department of Energy & Environmental Protection  
Telephone: 860-418-5930  
Last EDR Contact: 09/22/2014  
Next Scheduled EDR Contact: 01/05/2015  
Data Release Frequency: Varies

### COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 10/17/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CPCS: Contaminated or Potentially Contaminated Sites

A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

Date of Government Version: 01/30/2014  
Date Data Arrived at EDR: 03/06/2014  
Date Made Active in Reports: 03/26/2014  
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3766  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 02/23/2015  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 08/15/2014  
Next Scheduled EDR Contact: 11/24/2014  
Data Release Frequency: Quarterly

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 11/07/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: N/A

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 10/17/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 3

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 09/30/2014  
Next Scheduled EDR Contact: 01/12/2015  
Data Release Frequency: Quarterly

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 10/06/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/15/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/24/2014
	Data Release Frequency: Varies

### SEH: List of Significant Environmental Hazards Report to DEEP

The Significant Environmental Hazard Statute is intended to identify and abate short-term risks associated with specific environmental conditions identified in the statute. After abatement of short-term risks (meaning abatement of the significant environmental hazard condition), there may still be potential long-term risks associated with the release. However, a significant environmental hazard can be considered abated under the statute even though potential long-term risks may not have been addressed.

Date of Government Version: 05/31/2014	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 07/25/2014	Telephone: 860-424-3766
Date Made Active in Reports: 09/11/2014	Last EDR Contact: 10/17/2014
Number of Days to Update: 48	Next Scheduled EDR Contact: 02/02/2015
	Data Release Frequency: Varies

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 09/29/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Energy & Environmental Protection formerly known as the DEP which changes in July 2011 in Connecticut.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 185

Source: Department of Energy & Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Energy & Environmental Protection formerly know as the DEP which changes in July 2011 in Connecticut.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 185

Source: Department of Energy & Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

#### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011  
Date Data Arrived at EDR: 07/19/2012  
Date Made Active in Reports: 08/28/2012  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 10/10/2014  
Next Scheduled EDR Contact: 01/26/2015  
Data Release Frequency: Annually

#### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2014  
Date Data Arrived at EDR: 08/07/2014  
Date Made Active in Reports: 10/17/2014  
Number of Days to Update: 71

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/05/2014  
Next Scheduled EDR Contact: 02/16/2015  
Data Release Frequency: Annually

#### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/21/2014  
Date Made Active in Reports: 08/25/2014  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/20/2014  
Next Scheduled EDR Contact: 02/02/2015  
Data Release Frequency: Annually

#### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 07/15/2014  
Date Made Active in Reports: 08/13/2014  
Number of Days to Update: 29

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/26/2014  
Next Scheduled EDR Contact: 12/08/2014  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 06/24/2014  
Date Data Arrived at EDR: 08/22/2014  
Date Made Active in Reports: 11/04/2014  
Number of Days to Update: 74

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/20/2014  
Next Scheduled EDR Contact: 02/02/2015  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/20/2014  
Date Made Active in Reports: 08/07/2014  
Number of Days to Update: 48

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/15/2014  
Next Scheduled EDR Contact: 12/29/2014  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

#### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

#### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

#### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

#### Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

#### Daycare Centers: Licensed Child Care Facilities

Source: Department of Public Health  
Telephone: 860-509-8045

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI: National Wetlands Inventory.** This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

#### State Wetlands Data: Wetland Soils

Source: Department of Environmental Protection  
Telephone: 860-871-4047

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

### **STREET AND ADDRESS INFORMATION**

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## Appendix D

### Limited Hazardous Materials Inspection Report

# Limited Hazardous Materials Building Inspection Report

Storm Sandy Residential Rehabilitation Project  
10 Chetwood Street  
Milford, Connecticut

Lothrop Associates LLP  
White Plains, New York

February 2015



Fuss & O'Neill EnviroScience, LLC  
56 Quarry Road  
Trumbull, CT 06611





**FUSS & O'NEILL**  
EnviroScience, LLC

February 11, 2015

Mr. Arthur Seckler  
Senior Associate  
Lothrop Associates, LLP  
333 Westchester Avenue  
White Plains, NY 10604

RE: Limited Hazardous Materials Building Inspection  
Storm Sandy Residential Rehabilitation Project  
10 Chetwood Street, Milford, Connecticut  
Fuss & O'Neill EnviroScience Project No. 20140370.C7E  
Lothrop Associates Project No. 1524-34

Dear Mr. Seckler:

Enclosed is the report for the limited hazardous materials building inspection performed at 10 Chetwood Street, Milford, Connecticut.

The initial inspection was performed from January 15, 2015 through January 19, 2015, by Fuss & O'Neill EnviroScience, LLC state-licensed inspectors and included a limited asbestos inspection, testing for lead-based paint, airborne radon gas sampling, and an assessment for mold, polychlorinated biphenyl (PCB)-containing light ballasts, and mercury devices.

The information summarized in this document is for the abovementioned materials only. It does not include information on other hazardous materials that may exist in the property (such as underground storage tanks, PCB containing building materials, etc.).

If you should have any questions regarding the contents of this report, please do not hesitate to contact us at (203)-374-3748. Thank you for this opportunity to have served your environmental needs.

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Connecticut  
Massachusetts  
Rhode Island  
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Sincerely,

Kevin J. McCarthy  
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Enclosure

# Table of Contents

## Limited Hazardous Materials Building Inspection Report Lothrop Associates, LLP 10 Chetwood Street, Milford, Connecticut

1	Introduction.....	1
2	Asbestos Inspection.....	1
2.1	Methodology.....	2
2.2	Results .....	3
2.3	Discussion .....	4
2.4	Conclusions and Recommendations.....	4
3	Lead-Based Paint Testing .....	4
3.1	XRF Sampling Methodology.....	4
3.2	Lead in Dust Sampling Methodology .....	5
3.3	XRF Results.....	5
3.4	Lead in Dust Results .....	6
3.5	Conclusions and Recommendations.....	7
4	Assessment of PCB-Containing Fluorescent Ballasts.....	7
4.1	Methodology.....	8
4.2	Conclusions and Recommendations.....	8
5	Assessment of Mercury-Containing Devices .....	8
5.1	Methodology.....	8
5.2	Conclusions and Recommendations.....	9
6	Mold Visual Assessment.....	9
6.1	Observations.....	9
6.2	Recommendations.....	9
7	Airborne Radon Gas Information, Sampling and Procedure.....	10
7.1	Airborne Radon Gas Facts and Health Effects.....	10
7.2	Airborne Radon Gas Sampling.....	10
7.3	Airborne Radon Quality Assurance Procedure .....	11
7.4	Airborne Radon Gas Analytical Results .....	11
7.5	Conclusions and Recommendations.....	12

## Table of Contents

### Limited Hazardous Materials Building Inspection Report Lothrop Associates, LLP 10 Chetwood Street, Milford, Connecticut

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#### Appendices

APPENDIX A	FUSS & O'NEILL ENVIROSCIENCE STATE INSPECTOR LICENSES AND ACCREDITATIONS
APPENDIX B	ASBESTOS LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORMS
APPENDIX C	LEAD PAINT TESTING PROCEDURES AND EQUIPMENT
APPENDIX D	LEAD TESTING FIELD DATA SHEETS
APPENDIX E	LEAD IN DUST LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM
APPENDIX F	MOLD LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM
APPENDIX G	AIRBORNE RADON GAS LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY FORM
APPENDIX H	SITE PHOTOGRAPHS

## 1 Introduction

On January 15, 2015 and January 19, 2015, Fuss & O'Neill EnviroScience, LLC (EnviroScience) Environmental Technicians, Mr. Robert Hobbins, Mr. James Blum, and Mr. Robert Eaton, performed a limited hazardous materials building inspection of the residential structure located at 10 Chetwood Street in Milford, Connecticut (the "Site"). Mr. Hobbins and Mr. Blum are State of Connecticut-licensed Asbestos Consultant - Inspectors and Licensed Lead Inspectors. Mr. Blum is also a State of Connecticut-Licensed Lead Risk Assessor. The primary residential structure was unoccupied at the time and date of the inspection and is scheduled for renovation. Refer to *Appendix A* for the EnviroScience inspector state licenses and accreditations.

This inspection was performed in response to the planned renovation of the Site building due to damage caused by Superstorm Sandy, as identified in the *Initial Property Inspection Report* dated May 30, 2014, provided by Lothrop Associates. The limited inspection included the following:

- An inspection for asbestos-containing materials (ACM) associated with the scheduled existing residence renovation;
- Testing and risk assessment of painted surfaces coated with suspect lead-based paint (LBP);
- An evaluation of fluorescent light fixtures for polychlorinated biphenyls (PCB)-containing light ballasts;
- An inventory of light tubes/lamps and devices for mercury;
- A mold assessment; and
- Airborne radon gas sampling.

## 2 Asbestos Inspection

A property owner must ensure that performance of a thorough inspection for ACM, prior to possible disturbance of suspect ACM during renovation, is conducted. This is a requirement of the United States (US) Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation 40 CFR Part 61, Sub-Part M.

This includes Friable, Non-Friable Category I, and Non-Friable Category II ACM.

- A Friable Material is defined as material that contains greater than one percent (>1%) asbestos, that when dry can be crumbled, pulverized, or reduced to powder by hand pressure.
- A Category I Non-Friable Material refers to material that contains greater than one percent (>1%) asbestos (e.g. packings, gaskets, resilient floor coverings, asphalt roofing products, etc.) that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- A Category II Non-Friable Material refers to any non-friable material (excluding Category I materials) that contains greater than one percent (>1%) asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

During this inspection, suspect ACM were separated into three EPA categories. These categories are: thermal system insulation (TSI), surfacing ACM, and miscellaneous ACM. TSI includes all materials used

to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe insulation, boiler insulation, duct insulation, and mudded insulation on pipe fittings. Surfacing ACM includes all ACM that is sprayed, troweled, or otherwise applied to an existing surface. Surfacing ACM is commonly used for fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACM not listed in thermal or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tiles. Samples are recommended to be collected in a manner sufficient to determine asbestos content and include homogenous building materials. The EPA NESHAP regulation does not specifically identify a minimum number of samples to be collected, but recommends the use of sampling protocols included in 40 CFR Part 763, Subpart E - Asbestos Containing Materials in Schools.

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## 2.1 Methodology

Samples of suspect ACM were collected in accordance with EPA recommendations and Asbestos Hazard Emergency Response Act (AHERA) protocols. The protocols included the following:

1. Surfacing Materials (SURF) (e.g. plaster, spray-on fireproofing, etc.) were collected in a randomly distributed manner representing each homogenous area based on the overall quantity represented by the sampling as follows:
  - a. Three samples collected from each homogenous area that is less than or equal to ( $\leq$ ) 1,000 square feet.
  - b. Five samples collected from each homogenous area that is greater than ( $>$ ) 1,000 square feet, but less than or equal to 5,000 square feet.
  - c. Seven samples collected from each homogenous area that is greater than ( $>$ ) 5,000 square feet.
2. Thermal System Insulation (TSI) (e.g. pipe insulation, tank insulation, etc.) was collected in a randomly distributed manner representing each homogenous area. Three bulk samples were collected as representative of each homogeneous material type, and sent to laboratory for asbestos analysis. Also, a minimum of one sample of any patching material (less than 6 linear of square feet) applied to TSI was collected.
3. Miscellaneous Materials (MISC) (e.g. floor tile, gaskets, construction mastics, etc.) had a minimum of two samples collected as representative of each homogenous material type. Sampling was conducted in a manner sufficient to determine asbestos content of the homogenous material as determined by the Asbestos Inspector. If materials identified were of (significant) minimal quantity, only a single sample was collected.

The Asbestos Consultant – Inspectors collected samples and prepared proper chain-of-custody for transmission of samples to a Connecticut-licensed analytical laboratory for analysis by Polarized Light Microscopy (PLM). The sampling locations, material type, estimated quantities, asbestos content, and sample identification for ACM identified by bulk sample analysis are included in *Table 1* of the “Results” section. The sampling locations, material type, and sample identification for non-ACM identified by bulk sample analysis are included in *Table 2* of the “Results” section. Suspect materials observed at the Site building that are not listed in the following table should be considered suspect ACM until sample

collection and analytical results indicate otherwise. Refer to *Appendix B* for the asbestos laboratory analytical report and chain-of-custody forms.

## 2.2 Results

Utilizing the EPA protocol and criteria, the following materials were determined to be ACM:

Table 1  
Asbestos-Containing Materials

Sample No.	Location	Material Type	Estimated Quantity	Asbestos Content
0115BH06A	Kitchen	White Sink Undercoating	1 Sink	6% Chrysotile
0115BH12A	Building Exterior	Exterior Gray Cementitious Panel Siding	2,300 SF	10% Chrysotile

Utilizing the EPA protocol and criteria, the following materials were determined to be non-ACM:

Table 2  
Non-Asbestos-Containing Materials

Location	Material Type	Sample No.
1 <sup>st</sup> Floor	White Textured Ceiling Paint	0115BH01A-C
1 <sup>st</sup> Floor	Black/Tan Paper Backing on Fiberglass Batting Insulation	0115BH02A-B
1 <sup>st</sup> Floor	Sheetrock	0115BH-03A-B
1 <sup>st</sup> Floor	Taping/Joint Compound	0115BH04A-B
1 <sup>st</sup> Floor	Sheetrock & Taping/Joint Compound Composite	0115BH05
Kitchen	Tan Kitchen Countertop/Glue	0115BH07A-B
Kitchen & Back Bath/Shower Room	White Sheet Flooring & Glue	0115BH08A-B, 09A-B
Stairwell	White Floor Tile & Black Floor Mastic	0115BH10A-B, 11A-B
Exterior	Black Paper behind Siding	0115BH13A-C
Exterior	Exterior White Window Glazing Compound	0115BH14A-C
Exterior	Exterior Chimney Concrete Block & Grout	0115BH15A-B, 16A-B
Exterior	Concrete Block Foundation & Grout	0115BH17A-B, 18A-B

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## 2.3 Discussion

The EPA defines any material that contains greater than one percent (> 1%) asbestos, utilizing PLM, as being an ACM. Materials that are identified as “none detected” are specified as not containing asbestos.

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## 2.4 Conclusions and Recommendations

ACM was identified at the Site building. ACM identified in *Table 1* in *Section 2.2* must be removed by a State of Connecticut-licensed Asbestos Abatement Contractor prior to building renovations that will disturb the materials. This is a CTDPH (Standards for Asbestos Abatement) and EPA NESHAP requirement.

The sink undercoating may be wrapped in polyethylene sheeting, labeled, and disposed in a landfill approved to accept asbestos waste in accordance with the CTDPH Circular Letter 2003-10 “*Regulator Interpretation Regarding Intact Removal of Non-Friable Asbestos-Containing Materials*”. If removal procedures render the ACM friable, a CTDPH-licensed Asbestos Abatement Contractor is required.

Note that since this asbestos inspection was limited, we recommend conducting a supplemental inspection of hidden and inaccessible areas (behind walls/beneath fixed floors, exterior foundation, etc.) prior to demolition/renovation activities. Any suspect material encountered during renovation/demolition activities that is not identified in this report as being non-ACM, should be assumed to be ACM unless sample collection and analysis indicate otherwise.

## 3 Lead-Based Paint Testing

EnviroScience conducted a comprehensive testing for surfaces coated with LBP within the Site structure. On January 15, 2015, EnviroScience representatives, Mr. Blum and Mr. Hobbins performed the testing. The purpose of the testing was for compliance with EPA’s Renovation, Repair, and Painting Rule (RRP) (Title 40 CFR, Parts 745.80 through 92) and the US Department of Housing and Urban Development (HUD) Lead-Safe Housing Rule (Title 24 CFR, Part 35, Subparts B-R).

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### 3.1 XRF Sampling Methodology

A direct reading X-ray fluorescence (XRF) analyzer was used to perform the testing. The testing was conducted in accordance with the protocol outlined in the attached document: “Testing Procedures and Equipment” (refer to *Appendix C*).

For the purpose of this testing, various interior and exterior building components representing the initial painting history of the building, and any building-wide repainting by the owners/managers of these building components were tested. Individual repainting efforts are not discoverable in such a limited testing program.

The two-story residential building foundation was constructed with concrete. Window systems are composed of wood, with vinyl replacement; door systems are composed of wood and metal. Interior walls and ceilings are constructed with sheetrock. The Site structure was unoccupied at the time of the inspection.

### 3.2 Lead in Dust Sampling Methodology

As part of the lead inspection, dust wipe samples were collected in accordance with the protocols outlined in *Appendix C*. Dust wipe samples were collected from representative floors and window sills at the Site structure. Samples were submitted for analysis by Atomic Absorption Spectrometry (AAS) at EMSL Analytical, Inc. in Cinnaminson, New Jersey. As required by HUD and CTDPH, quality control field blank samples were included in the analysis.

The following wipe standards for lead in dust have been established by CTDPH:

Floors	40 micrograms per square foot ( $\mu\text{g}/\text{ft}^2$ )
Window sills	250 $\mu\text{g}/\text{ft}^2$

### 3.3 XRF Results

The coated building component testing indicated consistent painting trends throughout the building interior and exterior. The following painted building components were determined to contain toxic levels of lead (greater than or equal to 1.0 milligram of lead per square centimeter [ $\text{mg}/\text{cm}^2$ ] of paint):

Table 3  
Lead-Painted Building Components

Building Component	Location	Reading ( $\text{mg}/\text{cm}^2$ )	Defective?
Blue Wood Window Well	2 <sup>nd</sup> Floor Bedroom #1	5.4	Yes
White Wood Ceiling	2 <sup>nd</sup> Floor Porch	1.3	No
White Wood Door		1.3	No
White Wood Door Casing		>9.9	No
White Wood Door Jamb		>9.9	No
Gray Wood Door Threshold		3.3	No
Blue Wood Window Well	2 <sup>nd</sup> Floor Bedroom #2	>9.9	No
White Wood Window Sash	1 <sup>st</sup> Floor Living Room	2.1	No
Blue Wood Window Well		2.7	Yes



Building Component	Location	Reading (mg/cm <sup>2</sup> )	Defective?
Gray Wood Upper Trim	Exterior Side A	5.5	No
White Wood Exterior Window Trim	Exterior Side B	1.3	Yes
Gray Wood Exterior Window Sill	Exterior Side D	>9.9	Yes

The lead testing field data sheets and diagrams are provided as *Appendix D* of this report.

### 3.4 Lead in Dust Results

Representative dust wipe samples were collected inside the Site structure to evaluate whether a lead dust hazard existed. The sample numbers, locations, and results are as follows:

Table 4  
Lead Dust Wipe Sample Results

Sample No.	Location	Results
0115JB-01	2 <sup>nd</sup> Floor Porch – Sill	310 µg/ft <sup>2</sup>
0115JB-02	2 <sup>nd</sup> Floor Porch – Floor	300 µg/ft <sup>2</sup>
0115JB-03	Bedroom #3 – Sill	390 µg/ft <sup>2</sup>
0115JB-04	Bedroom #3 – Floor	<10 µg/ft <sup>2</sup>
0115JB-05	Living Room – Sill	88 µg/ft <sup>2</sup>
0115JB-06	Living Room – Floor	43 µg/ft <sup>2</sup>
0115JB-07	Kitchen – Sill	<40 µg/ft <sup>2</sup>
0115JB-08	Kitchen – Floor	73 µg/ft <sup>2</sup>
0115JB-09	Bathroom #1 – Floor	10 µg/ft <sup>2</sup>
0115JB-10	Field Blank	<10 µg/wipe
0115JB-11	Field Blank	<10 µg/wipe

**Bold** – indicates results above CTPDH/HUD/EPA standard

The lead in dust laboratory analytical report and chain-of-custody form is provided in *Appendix E*.

### 3.5 Conclusions and Recommendations

LBP was identified during this inspection. Defective LBP was identified coating the following surfaces:

- Blue wood window wells located in the 2<sup>nd</sup> floor bedroom #1;
- Blue wood window wells located in the 1<sup>st</sup> floor living room;
- White exterior wood window trim on the exterior B Side of the residence; and
- Gray exterior wood window sill on the exterior D Side of the residence.

The defective LBP can be managed with interim controls which can consist of scrapping the defective LBP and encapsulating the painted surface with a State of Connecticut DPH-approved encapsulant. This must be performed by a RRP-Certified Renovator using HUD and/or RRP trained workers.

A lead dust hazard does exist in the areas tested, as well as assumed to exist in other areas that were not tested. Lead dust located on the floors and window sills must be cleaned by a RRP-Certified Renovator to below the CTDPH clearance standard of 40 µg/ft<sup>2</sup> (floors) and 250 µg/ft<sup>2</sup> (window sills).

No bare soil areas were identified along the exterior building drip line; therefore lead content in soil was not assessed. Water service to the residence was previously disconnected; therefore lead in drinking water was not assessed.

Note that the Occupational Safety and Health Administration (OSHA) has not established a level of lead in a material below which Title 29 CFR, Part 1926.62 ("Lead in Construction") does not apply. The Contractor shall comply with exposure assessment criteria, interim worker protection, and other requirements of the regulation as necessary to protect workers and building occupants.

If a specific component or surface is not identified as having been tested as part of this limited inspection, it should be presumed to contain lead paint until tested. Contractor's should be aware that the threshold limit of 1.0 mg/cm<sup>2</sup> for purposes of EPA RRP requirements is not recognized by OSHA and worker exposures are still subject to the Lead in Construction regulation (Title 29 CFR, Part 1926.62).

This inspection was performed as a comprehensive inspection of all representative surfaces within the residence that are scheduled to be disturbed and can be utilized to determine applicability requirements for the RRP rule on surfaces tested.

## 4 Assessment of PCB-Containing Fluorescent Ballasts

Fluorescent light ballasts manufactured prior to 1979 may contain capacitors that contain PCBs. Light ballasts installed as late as 1985 may contain PCB capacitors. Fluorescent light ballasts that are not labeled as "No-PCBs" must be assumed to contain PCBs unless proven otherwise by quantitative analytical testing. Capacitors in fluorescent light ballasts labeled as non-PCB-containing may contain diethylhexyl

phthalate (DEHP). DEHP was the primary substitute to replace PCBs for small capacitors in fluorescent lighting ballasts in use until 1991. DEHP is a toxic substance, a suspected carcinogen and is listed under the EPA Resource Conservation and Recovery Act (RCRA) and the Superfund law as a hazardous waste. Therefore, Superfund liability exists for land filling both PCB- and DEHP-containing light ballasts. These listed materials are considered hazardous waste under RCRA, and require special handling and disposal requirements.

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## 4.1 Methodology

On January 15, 2015, EnviroScience representatives Mr. Hobbins and Mr. James Blum performed a visual inspection of representative fluorescent light fixtures to identify possible PCB-containing ballasts. The inspection involved visually inspecting labels on representative light ballasts to identify dates of manufacture and labels indicating "No PCB's". Ballasts manufactured after 1991 were not listed as a PCB- or DEHP-containing ballast, and not quantified for disposal. Ballasts without a label indicating "No PCB's" are presumed to be PCB waste, and must be segregated for proper removal, packaging, transport and disposal as PCB waste. Ballasts with date labels indicating manufacture prior to 1991 that indicate "No PCB's" are presumed to contain DEHP and must be segregated for proper removal, packaging, transport, and disposal as non-PCB hazardous waste. The disposal requirements are slightly varied, and costs are slightly less for DEHP than for PCB-containing light ballasts.

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## 4.2 Conclusions and Recommendations

No light ballasts were observed within the visible and accessible areas of the Site building. No further action regarding PCB-containing light ballasts is required.

# 5 Assessment of Mercury-Containing Devices

Fluorescent lamps/tubes are presumed to contain mercury vapor, which is a hazardous substance to both human health and the environment. Thermostatic controls and electrical switch gear may contain a vial or bulb of mercury associated with the control. Mercury-containing equipment is regulated for proper disposal by the EPA RCRA hazardous waste regulations. Mercury lamps according to the EPA are considered a universal waste requiring all fluorescent lamps/tubes to be recycled or disposed as hazardous waste.

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## 5.1 Methodology

On January 15, 2015, EnviroScience representatives Mr. Hobbins and Mr. Blum performed a visual in-place inventory of mercury lamps/tubes, thermostats, and mercury switches.

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## 5.2 Conclusions and Recommendations

No fluorescent light bulbs/tubes, thermostats, switches, or gauges were observed within accessible and visible areas of the Site structure. No further action regarding mercury-containing devices is required.

## 6 Mold Visual Assessment

On January 15, 2015, EnviroScience representative Mr. Hobbins performed a visual assessment for the presence of suspect mold and water intrusion.

A bulk sample of visible suspect mold growth was collected for direct microscope analysis. Direct analysis identifies all types of mold spores, but does not differentiate between viable and non-viable mold spores. Non-viable mold spores can be of interest with respect to health, as well as viable spores. EMSL Analytical, Inc. of Cinnaminson, New Jersey performed the analysis.

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### 6.1 Observations

Suspect mold growth was identified on the sheetrock wall of the furnace room. The bulk sample collected and analyzed was determined to contain the following species of mold:

- *Ascopores*;
- *Aspergillus/Penicillium*;
- *Chaetomium*;
- *Humicola*;
- *Monodictys*;
- *Scolecobasidium*;
- *Spadicoides*;
- *Taeniolella*; and
- *Ulocladium*.

Refer to *Appendix F* for the mold laboratory analytical report and chain-of-custody form.

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### 6.2 Recommendations

Potential exposure to mold during renovation is presumed. Appropriate worker protection, use of engineering controls, and surface mold treatment on building materials to remain should be considered.

Building materials to remain in areas of visible suspect mold growth should be cleaned and have a mold inhibitor directly applied to the affected areas, if possible. Prior to disturbance, visible suspect mold growth remediation and water-damaged building materials removal should be performed within a negative pressure enclosure, using properly trained and protected workers. Removal should comply with EPA and the Institute of Inspection, Cleaning and Restoration Certification (IICRC) guidance.

## 7 Airborne Radon Gas Information, Sampling and Procedure

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### 7.1 Airborne Radon Gas Facts and Health Effects

Radon is a naturally-occurring radioactive gas produced by the natural breakdown (decay) of uranium which is found in soil and rock throughout the US. Radon travels through soil and enters buildings through cracks and other penetrations in building foundations. Eventually the gas itself decays into radioactive particles (decay products) that can become trapped in the lungs during human respiration. As these particles in turn decay they release small bursts of radiation which can damage lung tissue and lead to lung cancer over the course of a person's lifespan.

EPA studies have found that radon concentrations in outdoor air average approximately 0.4 picoCuries per liter of air (pCi/L). However, radon and its decay products can accumulate too much higher concentrations inside a building. The EPA has adopted an action level of 4.0 pCi/L; equal to or above which the EPA recommends that building owners take action to reduce the level of airborne radon with the building.

Radon is a colorless, odorless and tasteless gas and thus the only way to know whether or not an elevated level of radon is present in a building is to test. Each frequently occupied room that is in contact with the ground should be measured as even adjacent rooms can have significantly different levels of radon.

Again, radon is a known human carcinogen. Prolonged exposure to elevated radon concentrations causes an increased risk of lung cancer. Like other environmental pollutants, there is some uncertainty about the magnitude of radon health risks. However, scientists are more certain about radon risks than risks from most other cancer-causing environmental pollutants as estimates of radon risk are based on studies of cancer in humans (underground miners). Additional studies on more typical, non-occupationally exposed, populations are underway.

EPA estimates that radon may cause about 14,000 lung cancer deaths in the US each year, with a range of 7,000 to 30,000. The US Surgeon General has warned that radon is the second-leading cause of lung cancer deaths after smoking, and is the leading cause among non-smokers.

### 7.2 Airborne Radon Gas Sampling

On January 15, 2015, EnviroScience representative Mr. Hobbins deployed passive radon gas detection canisters in limited areas within the Site structure and retrieved by EnviroScience representative, Mr. Eaton, on January 19, 2015, at least 48-hours, but not later than 96-hours later. The canisters were supplied by Radon Testing Corporation of America (RTCA).

It is recommended that such canisters be placed at least 20-inches from the floor and 12-inches away from exterior walls. Also, it is recommended that the canisters not be placed near drafts resulting from Heating,

Ventilating, and Air Conditioning (HVAC) intakes and returns, doors, and at least 36-inches from windows. Also, canisters should not be exposed to direct sunlight, be covered up, or otherwise disturbed during the testing period. A closed building condition is also utilized for 12-hours prior to testing being conducted.

Airborne radon gas sampling laboratory analytical report and chain-of-custody form are included in *Appendix G*.

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### 7.3 Airborne Radon Quality Assurance Procedure

EPA strongly recommends that quality assurance measurements are included in radon measurement studies. Quality assurance measurements include side-by-side canisters (duplicates), and unexposed control canisters (blanks).

Duplicates are pairs of canisters deployed in the same location, side by side, for the same measurement period. Duplicates are placed in at least ten percent of all sampling locations. These duplicate canisters are stored, deployed, removed, and shipped to the laboratory for analysis in the same manner as the other canisters. If either or both of the analyses in a duplicate pairing is above the EPA standard of 4.0 pCi/L the relative percent difference (RPD) between the two tests must be determined. If the allowable difference is exceeded, the test is determined to be invalid and a new duplicate test must be run. If both canister results are below the EPA standard then the RPD is not calculated since, despite any disparity, both results are below the EPA standard.

Blanks are utilized to determine whether the manufacturing, shipping, storage, and processing of the canisters has affected the accuracy of airborne radon sampling procedures. Blanks are unopened, unexposed canisters which are set out with and shipped with the exposed canisters so that the processing laboratory treats them equally. The number of blanks is at least five percent of the number of canisters deployed up to a maximum of 25 canisters.

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### 7.4 Airborne Radon Gas Analytical Results

Four canisters, including one duplicate and one blank, were placed inside the residence during the sampling period that occurred from January 15, 2015, to January 19, 2015. The radon gas concentration in the samples collected during the assessment ranged from 0.3 pCi/L to 0.4 pCi/L. The EPA threshold for radon gas is 4.0 pCi/L.

In *Table 5* below, the location and result of the quality control duplicate test are listed:

**Table 5**  
**Duplicate Sample Result**

Location	Canister Numbers	Radon Concentration (pCi/Liter)			Relative Percent Difference (RPD, %)
		Sample	Sample Duplicate	Sample Average	
Kitchen	2357461, 2357351	0.2	0.3	0.25	Percent Difference Not Needed (No Concentrations Above 4.0 pCi/Liter)

Note Duplicate testing result was satisfactory.

In *Table 6* below, the location and result of the quality control blank test are listed:

**Table 6**  
**Blank Sample Result**

Location	Canister Numbers	Radon Concentration (pCi/Liter)
Dining Room Closet	2357358	0.1

Note Blank testing result was satisfactory.

In *Table 7* below, the locations, canister numbers, and radon concentrations are listed for the airborne radon assessment conducted:

**Table 7**  
**Airborne Radon Gas Sampling Results**

Location	Canister Numbers	Radon Concentration (pCi/Liter)
Kitchen	2357461	0.2
Dining Room Closet	2357399	0.1

Note Sample testing results were satisfactory.

## 7.5 Conclusions and Recommendations

During the course of the initial airborne radon gas sampling, four sampling canisters, including one duplicate and one blank, were placed in targeted locations within the Site structure. The analytical results of the samples were below EPA recommended action level of 4.0 pCi/L. No further action regarding radon gas is required.



Site Photographs are included in *Appendix H*.

Report prepared by Environmental Technician James Blum.

Reviewed by:

  
Kevin J. McCarthy  
Project Manager  
Timothy M. Downey  
Senior Project Manager



## Appendix A

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### Fuss & O'Neill EnviroScience State Inspector Licenses and Accreditations

1001144 01 AV 0.378 \*\*AUTO T6 1 0564 06040-599246 -C01-P01147-1



JOHN R. HOBBS  
C/O FUSS & O'NEILL ENVIROSCIENCE, LLC  
146 HARTFORD ROAD  
MANCHESTER CT 06040-5992

Dear JOHN R. HOBBS,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308

(860) 509-7603  
opl.c.dph@ct.gov  
www.ct.gov/dph/license

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JOHN R. HOBBS

VALIDATION NO. 03-147894 CERTIFICATE NO. 000700 CURRENT THROUGH 01/31/16

PROFESSION  
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE  
 COMMISSIONER

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A  
ASBESTOS CONSULTANT-INSPECTOR

JOHN R. HOBBS

CERTIFICATE NO. 000700  
CURRENT THROUGH 01/31/16  
VALIDATION NO. 03-147894

SIGNATURE  
 COMMISSIONER

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1. Detach and sign each of the cards on this form
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
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WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JOHN R. HOBBS

VALIDATION NO. 03-147894 CERTIFICATE NO. 000700 CURRENT THROUGH 01/31/16

PROFESSION  
ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE  
 COMMISSIONER

# Fuss & O'Neill EnviroScience, LLC

146 Hartford Road, Manchester, CT 06040 – (860) 646-2469

This is to certify that

**John Robert Hobbins**

XXX-XX-6853

has successfully completed the  
**4 Hr. Asbestos Inspector Refresher**  
Asbestos Accreditation under TSCA Title II  
40 CFR Part 763



*John Rowinski, Principal Instructor*



*Robert L. May, Jr., Training Manager*

September 3, 2014

*Date of Course*

AI-R-09/14-6

*Certificate Number*

September 3, 2015

*Examination Date*

September 3, 2015

*Expiration Date*

1001143 01 AV 0.378 \*\*AUTO T6 1 0564 06040-599246 -C01-P01146-1



JOHN R. HOBBS  
C/O FUSS & O'NEILL ENVIROSCIENCE, LLC  
146 HARTFORD ROAD  
MANCHESTER CT 06040-5992

Dear JOHN R. HOBBS,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308

(860) 509-7603  
opl.c.dph@ct.gov  
www.ct.gov/dph/license

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JOHN R. HOBBS

VALIDATION NO. 03-147893

CERTIFICATE NO. 002156

CURRENT THROUGH 01/31/16

PROFESSION  
LEAD INSPECTOR

SIGNATURE

COMMISSIONER

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A  
LEAD INSPECTOR

JOHN R. HOBBS

CERTIFICATE NO.  
002156

CURRENT THROUGH  
01/31/16

VALIDATION NO.  
03-147893

SIGNATURE

COMMISSIONER

INSTRUCTIONS:

1. Detach and sign each of the cards on this form
2. Display the large card in a prominent place in your office or place of business.
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WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JOHN R. HOBBS

VALIDATION NO. 03-147893

CERTIFICATE NO. 002156

CURRENT THROUGH 01/31/16

PROFESSION  
LEAD INSPECTOR

SIGNATURE

COMMISSIONER



# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**John Robert Hobbins**

97 Montowese Street, Branford, CT 06405  
000-00-6853

*has successfully completed the*

## INSPECTOR REFRESHER

*Training Course  
conducted by  
Cardno ATC*

73 William Franks Drive  
West Springfield, MA 01089  
(413) 781-0070

*Neal B. Freud*  
Principal Instructor: Neal Freud

January 30, 2014  
Date of Course

CTLIR-205  
Certificate Number

January 30, 2014  
Exam Date

January 30, 2015  
Expiration Date

*Gregory J. Morsch*  
Training Manager: Gregory Morsch

Training received complies with the requirements of the  
Connecticut Department of Public Health pursuant to Section 20-  
477 of the Connecticut General Statutes.

1001311 01 AV 0.378 \*\*AUTO T6 2 1564 06040-599246 -C01-P01314-I



JAMES B BLUM  
FUSS & O'NEILL ENVIROSCIENCE LLC  
146 HARTFORD RD  
MANCHESTER CT 06040-5992

Dear JAMES B BLUM,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308

(860) 509-7603  
oplc.dph@ct.gov  
www.ct.gov/dph/license

Sincerely,

JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY		
STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH		
NAME		
JAMES B BLUM		
VALIDATION NO.	CERTIFICATE NO.	CURRENT THROUGH
03-119676	000841	11/30/15
PROFESSION		
ASBESTOS CONSULTANT-INSPECTOR		
 SIGNATURE	 COMMISSIONER	

INSTRUCTIONS:

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STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH	
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT	
THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A	
ASBESTOS CONSULTANT-INSPECTOR	
JAMES B BLUM	CERTIFICATE NO. 000841
	CURRENT THROUGH 11/30/15
	VALIDATION NO. 03-119676
 SIGNATURE	 COMMISSIONER

WALLET CARD		
STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH		
NAME		
JAMES B BLUM		
VALIDATION NO.	CERTIFICATE NO.	CURRENT THROUGH
03-119676	000841	11/30/15
PROFESSION		
ASBESTOS CONSULTANT-INSPECTOR		
 SIGNATURE	 COMMISSIONER	



# Fuss & O'Neill EnviroScience, LLC

146 Hartford Road, Manchester, CT 06040 – (860) 646-2469

This is to certify that

**James Blum**

XXX-XX-1625

has successfully completed the  
**4 Hr. Asbestos Inspector Refresher**  
Asbestos Accreditation under TSCA Title II  
40 CFR Part 763



John Rowinski, Principal Instructor



Robert L. May, Jr., Training Manager

September 3, 2014

Date of Course

AI-R-09/14-2

Certificate Number

September 3, 2015

Examination Date

September 3, 2015

Expiration Date

JAMES B BLUM  
FUSS & O'NEILL ENVIROSCIENCE LLC  
146 HARTFORD RD  
MANCHESTER, CT 06040-5992

Dear Licensed/Certified Professional,  
Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603  
P.O. Box 340308  
M.S.#12MQA <http://www.dph.state.ct.us>  
Hartford, CT 06134-0308

Sincerely,



JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

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**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A  
Lead Inspector Risk Assessor

JAMES B BLUM

CERTIFICATION NO.  
2256  
CURRENT THROUGH  
11/30/2015  
VALIDATION NO.  
DUPLICATE

  
SIGNATURE  
COMMISSIONER

**EMPLOYER'S COPY**

**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JAMES B BLUM

VALIDATION NO. CURRENT THROUGH  
DUPLICATE 2256 11/30/2015  
PROFESSION

Lead Inspector Risk Assessor

  
SIGNATURE  
COMMISSIONER

**WALLET CARD**

**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

NAME  
JAMES B BLUM

VALIDATION NO. CURRENT THROUGH  
DUPLICATE 2256 11/30/2015  
PROFESSION

Lead Inspector Risk Assessor

  
SIGNATURE  
COMMISSIONER

# Fuss & O'Neill EnviroScience, LLC

146 Hartford Road, Manchester, CT 06040 – (860) 646-2469

This is to certify that

**James Blum**

XXX-XX-1625

has successfully completed the  
**8 Hour Lead Inspector Risk Assessor Refresher Course**  
(Approved per Sec. 20-477, CT General Statutes)

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State, or local requirements.



Brian Santos, Principal Instructor

February 20 & 25, 2014

Date of Course

February 25, 2014

Examination Date



Robert L. May, Jr., Training Manager

LIRA-R-02/14-3

Certificate Number

February 25, 2015

Expiration Date

## Appendix B

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### Asbestos Laboratory Analytical Report and Chain-of-Custody Form



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>[cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order: 041501211  
CustomerID: ENVI54  
CustomerPO: 20140370.C7E  
ProjectID:

Attn: **Kevin McCarthy**  
**Fuss & O'Neill EnviroScience, LLC**  
**146 Hartford Road**  
**Manchester, CT 06040**

Phone: (860) 646-2469  
Fax: (888) 838-1160  
Received: 01/16/15 9:30 AM  
Analysis Date: 1/17/2015  
Collected: 1/15/2015

Project: **Lothrop-Storn Sandy Rehab / 20140370.C7E / 10 Chetwood Street, Milford, CT**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
0115BH01A 041501211-0001	1st Floor - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH01B 041501211-0002	1st Floor - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH01C 041501211-0003	1st Floor - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH02A 041501211-0004	1st Floor - Black/Tan Paper Backing on Batt Insulation	Tan/Black Fibrous Homogeneous	60% Glass 20% Cellulose	20% Non-fibrous (other)		None Detected
0115BH02B 041501211-0005	1st Floor - Black/Tan Paper Backing on Batt Insulation	Tan/Black Fibrous Homogeneous	60% Cellulose 20% Glass	20% Non-fibrous (other)		None Detected
0115BH03A 041501211-0006	1st Floor - Sheetrock	Brown/White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)		None Detected
0115BH03B 041501211-0007	1st Floor - Sheetrock	Brown/White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)		None Detected
0115BH04A 041501211-0008	1st Floor - Taping/ Joint Compound	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)		None Detected

**Analyst(s)**

Matthew Carralero (16)  
Olivia Feriozzi (20)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 01/19/2015 06:43:24

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077  
Phone/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com> [cinnaslab@EMSL.com](mailto:cinnaslab@EMSL.com)

EMSL Order: 041501211  
CustomerID: ENVI54  
CustomerPO: 20140370.C7E  
ProjectID:

Attn: **Kevin McCarthy**  
**Fuss & O'Neill EnviroScience, LLC**  
**146 Hartford Road**  
**Manchester, CT 06040**

Phone: (860) 646-2469  
Fax: (888) 838-1160  
Received: 01/16/15 9:30 AM  
Analysis Date: 1/17/2015  
Collected: 1/15/2015

Project: **Lothrop-Storn Sandy Rehab / 20140370.C7E / 10 Chetwood Street, Milford, CT**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos	
			% Fibrous	% Non-Fibrous	% Type	
0115BH04B 041501211-0009	1st Floor - Taping/ Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH05 041501211-0010	1st Floor - Sheetrock & Taping/ Joint Compound Composite	Brown/White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)		None Detected
0115BH06A 041501211-0011	Kitchen - White Sink Undercoat	White Non-Fibrous Homogeneous		94% Non-fibrous (other)		6% Chrysotile
0115BH06B 041501211-0012	Kitchen - White Sink Undercoat					Stop Positive (Not Analyzed)
0115BH07A 041501211-0013	Kitchen - Tan Kitchen Countertop/ Glue	Brown/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH07B 041501211-0014	Kitchen - Tan Kitchen Countertop/ Glue	Brown/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
0115BH08A 041501211-0015	Kitchen - White Sheet Flooring	White Fibrous Homogeneous	20% Glass	80% Non-fibrous (other)		None Detected
0115BH08B 041501211-0016	Kitchen - White Sheet Flooring	White Fibrous Homogeneous	20% Cellulose 10% Glass	70% Non-fibrous (other)		None Detected

**Analyst(s)**

**Matthew Carralero (16)**  
**Olivia Feriozzi (20)**

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 01/19/2015 06:43:24



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

http://www.EMSL.com cinnaslab@EMSL.com

EMSL Order: 041501211  
CustomerID: ENVI54  
CustomerPO: 20140370.C7E  
ProjectID:

Attn: **Kevin McCarthy**  
**Fuss & O'Neill EnviroScience, LLC**  
**146 Hartford Road**  
**Manchester, CT 06040**

Phone: (860) 646-2469  
Fax: (888) 838-1160  
Received: 01/16/15 9:30 AM  
Analysis Date: 1/17/2015  
Collected: 1/15/2015

Project: Lothrop-Storn Sandy Rehab / 20140370.C7E / 10 Chetwood Street, Milford, CT

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0115BH09A 041501211-0017	Kitchen - Sheet Flooring Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH09B 041501211-0018	Kitchen - Sheet Flooring Glue	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH10A 041501211-0019	Stairwell - White Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH10B 041501211-0020	Stairwell - White Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH11A 041501211-0021	Stairwell - Black Floor Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH11B 041501211-0022	Stairwell - Black Floor Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH12A 041501211-0023	Exterior - Exterior Grey Cementitious Panel Siding	Gray Non-Fibrous Homogeneous		90% Non-fibrous (other)	10% Chrysotile
0115BH12B 041501211-0024	Exterior - Exterior Grey Cementitious Panel Siding				Stop Positive (Not Analyzed)

## Analyst(s)

Matthew Carralero (16)  
Olivia Feriozzi (20)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 01/19/2015 06:43:24

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**146 Hartford Road**  
**Manchester, CT 06040**

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Fax: (888) 838-1160  
Received: 01/16/15 9:30 AM  
Analysis Date: 1/17/2015  
Collected: 1/15/2015

Project: **Lothrop-Storn Sandy Rehab / 20140370.C7E / 10 Chetwood Street, Milford, CT**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0115BH12C 041501211-0025	Exterior - Exterior Grey Cementitious Panel Siding				Stop Positive (Not Analyzed)
0115BH13A 041501211-0026	Exterior - Black Paper Behind Siding	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
0115BH13B 041501211-0027	Exterior - Black Paper Behind Siding	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
0115BH13C 041501211-0028	Exterior - Black Paper Behind Siding	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (other)	None Detected
0115BH14A 041501211-0029	Exterior - Exterior White Window Glazing Compounds	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH14B 041501211-0030	Exterior - Exterior White Window Glazing Compounds	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH14C 041501211-0031	Exterior - Exterior White Window Glazing Compounds	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH15A 041501211-0032	Exterior - Exterior Chimney Concrete Block	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Matthew Carralero (16)  
Olivia Feriozzi (20)

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 01/19/2015 06:43:24

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ProjectID:

Attn: **Kevin McCarthy**  
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**146 Hartford Road**  
**Manchester, CT 06040**

Phone: (860) 646-2469  
Fax: (888) 838-1160  
Received: 01/16/15 9:30 AM  
Analysis Date: 1/17/2015  
Collected: 1/15/2015

Project: **Lothrop-Storn Sandy Rehab / 20140370.C7E / 10 Chetwood Street, Milford, CT**

### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
0115BH15B 041501211-0033	Exterior - Exterior Chimney Concrete Block	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH16A 041501211-0034	Exterior - Chimney Concrete Block Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH16B 041501211-0035	Exterior - Chimney Concrete Block Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH17A 041501211-0036	Exterior - Concrete Block Foundation	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH17B 041501211-0037	Exterior - Concrete Block Foundation	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH18A 041501211-0038	Exterior - Concrete Block Foundation Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
0115BH18B 041501211-0039	Exterior - Concrete Block Foundation Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

**Analyst(s)**

**Matthew Carralero (16)**  
**Olivia Feriozzi (20)**

Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 01/19/2015 06:43:24


**FUSS & O'NEILL**  
**EnviroScience, LLC**

041501211

www.fando.com

56 Quarry Road, Trumbull, CT 06661

Phone (203) 374-3748 Fax (203) 374-4391

## ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Sheet 1 of 3
 Project Name: Lothrop-Storm Sandy Rehab Project No. 20140370.C7E Date: January 15, 2015

 Site Address: 10 Chetwood Street, Milford, CT Project Manager: Kevin McCarthy

Sample ID	Sample Location	Type of Material
0115BH01A	1 <sup>st</sup> Floor	White Textured Ceiling Paint
0115BH01B	1 <sup>st</sup> Floor	White Textured Ceiling Paint
0115BH01C	1 <sup>st</sup> Floor	White Textured Ceiling Paint
0115BH02A	1 <sup>st</sup> Floor	Black/Tan Paper Backing on Batt Insulation
0115BH02B	1 <sup>st</sup> Floor	Black/Tan Paper Backing on Batt Insulation
0115BH03A	1 <sup>st</sup> Floor	Sheetrock
0115BH03B	1 <sup>st</sup> Floor	Sheetrock
0115BH04A	1 <sup>st</sup> Floor	Taping/Joint Compound
0115BH04B	1 <sup>st</sup> Floor	Taping/Joint Compound
0115BH05	1 <sup>st</sup> Floor	Sheetrock & Taping/Joint Compound Composite
0115BH06A	Kitchen	White Sink Undercoat
0115BH06B	Kitchen	White Sink Undercoat
0115BH07A	Kitchen	Tan Kitchen Countertop/Glue
0115BH07B	Kitchen	Tan Kitchen Countertop/Glue
0115BH08A	Kitchen	White Sheet Flooring

 Analysis Method: ☒ PLM ☐ TEM ☐ Other \_\_\_\_\_ Turnaround Time 48 hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: \_\_\_\_\_. Please call EnviroScience if analyses will not be completed for requested TAT at (203) 374 - 3748.

 Email Results to: [kmccarthy@fando.com](mailto:kmccarthy@fando.com)  
 FAX Results to: 888-838-1160.

**Do Not Mail Hard Copy Report** Total # of Samples: 39

 Special Instructions: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not layer samples unless indicated

 Samples collected by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

 Samples Sent by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

 Samples Received by: DOB-px-930A Date: 1-16-15 Time: \_\_\_\_\_

 Shipped To: ☒ EMSL State NJ ☐ Other \_\_\_\_\_

 Method of Shipment: ☒ FedEx ☐ Lab Drop Off ☐ Other \_\_\_\_\_

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39


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**EnviroScience, LLC**

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## ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Sheet 2 of 3
 Project Name: Lothrop-Storm Sandy Rehab Project No. 20140370.C7E Date: January 15, 2015

 Site Address: 10 Chetwood Street, Milford, CT Project Manager: Kevin McCarthy

Sample ID	Sample Location	Type of Material
0115BH08B	Kitchen	White Sheet Flooring
0115BH09A	Kitchen	Sheet Flooring Glue
0115BH09B	Kitchen	Sheet Flooring Glue
0115BH10A	Stairwell	White Floor Tile
0115BH10B	Stairwell	White Floor Tile
0115BH11A	Stairwell	Black Floor Mastic
0115BH11B	Stairwell	Black Floor Mastic
0115BH12A	Exterior	Exterior Grey Cementitious Panel Siding
0115BH12B	Exterior	Exterior Grey Cementitious Panel Siding
0115BH12C	Exterior	Exterior Grey Cementitious Panel Siding
0115BH13A	Exterior	Black Paper behind Siding
0115BH13B	Exterior	Black Paper behind Siding
0115BH13C	Exterior	Black Paper behind Siding
0115BH14A	Exterior	Exterior White Window Glazing Compounds
0115BH14B	Exterior	Exterior White Window Glazing Compounds

 Analysis Method: ☒ PLM ☐ TEM ☐ Other \_\_\_\_\_ Turnaround Time: 48 hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date \_\_\_\_\_. Please call EnviroScience if analyses will not be completed for requested TAT at (203) 374 - 3748

 Email Results to: kmccarthy@fando.com  
 FAX Results to: 888-838-1160

 Do Not Mail Hard Copy Report Total # of Samples: 39

 Special Instructions Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not test samples unless indicated.

 Samples collected by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

 Samples Sent by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

Samples Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

 Shipped To: ☒ EMSL State NJ ☐ Other \_\_\_\_\_

 Method of Shipment: ☒ FedEx ☐ Lab Drop Off ☐ Other \_\_\_\_\_

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 EMSL  
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Phone (203) 374-3748 Fax (203) 374-4391

**ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM**

Sheet 2 of 2

Project Name: Lothrop-Storm Sandy Rehab Project No. 20140370.C7E Date: January 15, 2015

Site Address: 10 Chetwood Street, Milford, CT Project Manager: Kevin McCarthy

Sample ID	Sample Location	Type of Material
0115BH14C	Exterior	Exterior White Window Glazing Compounds
0115BH15A	Exterior	Exterior Chimney Concrete Block
0115BH15B	Exterior	Exterior Chimney Concrete Block
0115BH16A	Exterior	Chimney Concrete Block Grout
0115BH16B	Exterior	Chimney Concrete Block Grout
0115BH17A	Exterior	Concrete Block Foundation
0115BH17B	Exterior	Concrete Block Foundation
0115BH18A	Exterior	Concrete Block Foundation Grout
0115BH18B	Exterior	Concrete Block Foundation Grout

Analysis Method: ☒ PLM ☐ TEM ☐ Other \_\_\_\_\_ Turnaround Time: 48 hour

Based on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: \_\_\_\_\_ Please call EnviroScience if analyses will not be completed for requested TAT at (203) 374 - 3748

Email Results to: kmccarthy@fando.com  
FAX Results to: 888-838-1160

**Do Not Mail Hard Copy Report** Total # of Samples: 39

Special Instructions: Stop analysis on first positive sample in each homogeneous set of samples unless otherwise noted. Do not lay out samples unless indicated.

Samples collected by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

Samples Sent by: Bob Hobbins BH Date: 01-15-15 Time: \_\_\_\_\_

Samples Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipped To: ☒ EMSL State NJ ☐ Other \_\_\_\_\_

Method of Shipment: ☒ FedEx ☐ Lab Drop Off ☐ Other \_\_\_\_\_

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## Appendix C

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### Lead Paint Testing Procedures and Equipment

## Standard Operating Procedures HUD and State of Connecticut Lead-Based Paint Inspections

### Testing Procedures and Equipment

The U. S. Department of Housing and Urban Development (HUD) "Guidelines for the Evaluation and Control of Lead Hazards in Housing, September 1997" were consulted for this lead evaluation. HUD has been the agency at the federal level with responsibility for the establishment of national lead-based paint standards for testing and abatement. The HUD document will be referenced as the Guidelines in this report. The State of Connecticut Department of Public Health's current lead regulations, Lead Poisoning Prevention and Control (19a-111-1 through 19a-111-11) were also consulted.

This lead evaluation was comprehensive. A comprehensive inspection means that representative painted surfaces were systematically evaluated on a room-by-room basis in accordance with the Guidelines and the State of Connecticut regulations.

Lead-based paint surfaces and components were identified by utilizing on-site x-ray fluorescence (XRF) instruments. EnviroScience Consultants, Inc. owns and utilizes Radiation Monitoring Device LPA-1s (RMD instruments) exclusively for lead-based paint testing. Each instrument is operated in accordance with state and federal and manufacturer standards on the use of the instruments. State and federal protocols provide, with the exception of wall surfaces, one reading with the instrument on a representative component in each room, i.e., baseboard, chair rail, etc., as sufficient to establish the lead paint classification of all the representatives of that component type in a room. In the case of walls, because of the large spatial areas involved and the variability in lead content in paint over such large areas, the federal and state governments want a reading on each wall surface in a room. Therefore, representative testing is not permitted for walls.

The federal government has developed Performance Characteristic Sheets (PCS) for the type of instrument cited above. Each instrument must be calibrated in accordance with these PCSs on a 1.0-milligram lead standard. Each of EnviroScience's instruments has one of these standards assigned to it. Some of the standards were purchased directly from the government and the others from the manufacturers of the instruments.

For the RMD in the standard reading mode on metal, a Substrate Equivalent Lead (SEL) concentration has to be determined. To determine the SEL, the paint is removed from the surface of the component to obtain a bare substrate reading. After removing the paint, the surface is wiped with a 5% trisodium phosphate solution (a heavy duty cleaner). All paint residue is collected and properly disposed. Once the paint and surrounding area are cleaned, the XRF is utilized to determine the SEL for each surface. The SEL values are subtracted from the XRF values to determine the Corrected Lead Concentration (CLC). The CLC is the lead content of the paint on the component tested.

The RMD instrument has federal government-determined positive and negative ranges for the definition of lead-based paint. XRF results are classified using either the threshold or the inconclusive range. For the threshold, results are classified as positive if they are greater than or equal to the threshold and negative if they are less than the threshold. There is no inconclusive classification when using the threshold values associated with an RMD instrument. The ranges for the RMD instrument and their various operating modes are as follows:

### Radiation Monitoring Device LPA Analyzer 1

30-Second Standard Mode Reading Description	Substrate	Threshold (mg/cm <sup>2</sup> )
Results corrected for substrate bias on metal substrate only.	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	0.9
	Plaster	1.0
	Wood	1.0

Quick Mode Reading Description	Substrate	Threshold (mg/cm <sup>2</sup> )	Inconclusive Range (mg/cm <sup>2</sup> )
Readings not corrected for substrate bias on any substrate.	Brick	1.0	None
	Concrete	1.0	None
	Drywall	1.0	None
	Metal	1.0	None
	Plaster	1.0	None
	Wood	1.0	None

Prior to the start of any testing, a sketch of the building is drawn, and side designations are given to help identify exactly where readings were taken. Drawings depicting the room-numbering scheme are located on the cover page(s) for the building(s) inspected. Each side of the building was labeled A, B, C, or D. The wall "A" side of the unit is generally the side of primary entrance into a dwelling, and this room is always Room 1. Areas in the units include rooms, hallways, and closets. Areas are numbered in a clockwise fashion as building construction allows. This allows the inspector to indicate which substrate surface was tested. The condition of the surface is described by a check mark in the appropriate column, under the heading "condition of surface" on the testing form.

When more than one surface type was present on a side, the component tested was indicated with a number. If two windows were present on a building side, they were numbered left to right. Closet shelves and shelf supports were numbered top to bottom.

It is understood that the room layouts presented in the report are in conformance with the conditions that exist at the time the testing is performed. EnviroScience avoids labeling a room solely by its current functional use (i.e., living room, bedroom, etc.) since this use can change over time. Similarly, room layouts can change dramatically as dwellings are renovated and additions are built, incorporating existing rooms, or existing interior walls are moved or eliminated altogether.

## Lead Dust Wipe Sampling Protocol

### Data Collection

- A. A description of the sample location is recorded.
- B. Surface type (floor, windowsill, window well) is noted.
- C. Surface area measurements are recorded.

### Wipe Sampling Method

- A. The area to be wiped is identified and measured.
- B. A disposable glove is put on and the "ghost wipe" package is opened.
- C. Without touching any other surface, the wipe is opened and placed flat down on the surface. Using firm, consistent pressure, a wipe is taken in a single "S" motion.
- D. Next the wipe is folded in half with the contaminated side facing inward and another wipe is taken again at 90 degrees to the first "S" wipe. Do not use a scrubbing motion, but be sure to collect all visible dust in the measured area.
- E. The wipe is folded again with the contaminated side inward. Without touching any other surface, the wipe is placed into a plastic centrifuge tube. The tube is sealed and labeled. The sample number indicates the date and sampler's identity.
- F. The samples are submitted to our laboratory on our standard sample log. Date and time of transfer is recorded to ensure proper chain of custody. The analytical procedure utilized is a modified EPA SW-846-3050. Blanks are submitted in accordance with EnviroScience's QA/QC program.

## Appendix D

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### Lead Testing Field Data Sheets



## LEAD INSPECTION COVER SHEET

### Inspector's Information

Inspector's Name: Robert Hobbins License Number: 2156  
XRF Model: LPA - 1B Serial Number: 3241R  
Date of Inspection: January 15, 2015 Project Number: 20140370.C7E

### Property Information

Building Address: 10 Chetwood Street  
(Street)  
Milford CT Age of Property: NA  
(City) (State)  
Describe Structure: Interior sheetrock walls/ceilings with wood/vinyl windows and doors and wood floors. Exterior is wood siding and concrete foundation.

Are there lead hazards present? ☒ Yes ☐ No  
Were lead dust wipes taken? ☒ Yes ☐ No  
Were soil samples collected? ☐ Yes ☒ No  
Were drinking water samples collected? ☐ Yes ☒ No

Single Family Dwelling ☒

Is there an EBL child present?  
☐ Yes ☒ No ☐ Unknown

Is there a child under six years of age in the dwelling?  
☐ Yes ☒ No ☐ Unknown

Multiple Family Dwelling ☐

Number of units in building: \_\_\_\_\_

Number of units tested: \_\_\_\_\_

Is there an EBL child present in the building?

☐ Yes ☐ No ☐ Unknown

If EBL child, which unit(s)? \_\_\_\_\_

Is there a child under six years of age in the building?

☐ Yes ☐ No ☐ Unknown

If child under six, which unit(s)? \_\_\_\_\_

### XRF Calibration Check

Calibration Paint Film Used: ☐ NIST 1.02 mg/cm<sup>2</sup> ☒ Manufacturer's Standard 1.0 mg/cm<sup>2</sup>

Calibration Check Limits Used: ☒ RMD (0.7 to 1.3 mg/cm<sup>2</sup> inclusive)  
☐ Scitec MAP4 (0.6 to 1.2 mg/cm<sup>2</sup> inclusive)

	Hour	First Reading	Second Reading	Third Reading	Average
First Check	0900	1.1	1.0	1.2	1.10
Second Check	1110	1.0	1.1	1.0	1.03
Third Check	1230	1.1	1.2	1.2	1.16
Fourth Check					





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Prepared By

Date

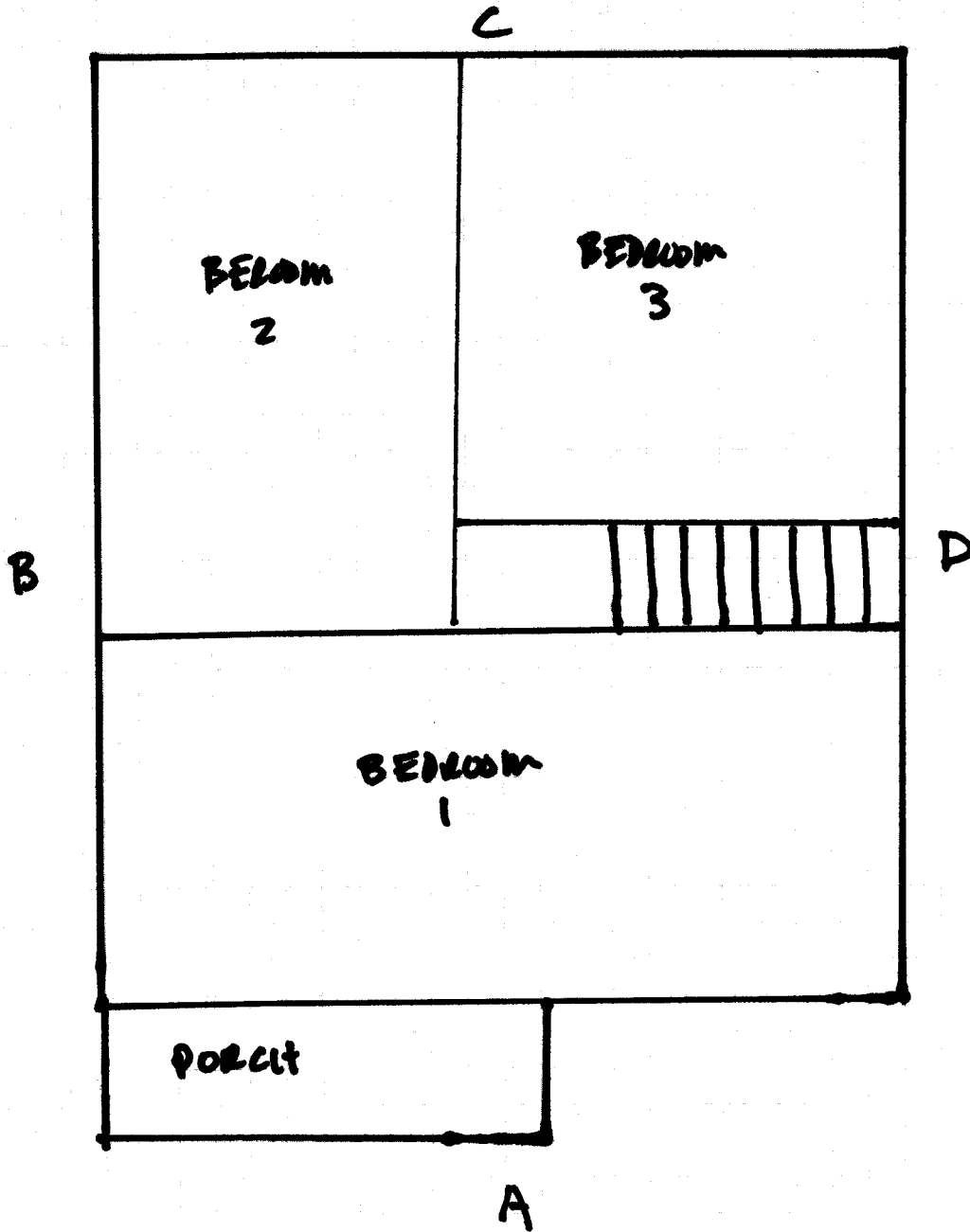
Checked By

Date

Project No

**2nd FLOOR**

Sheet No  
of



**CHETWOOD STREET**



FUSS & O'NEILL

Prepared By

Date

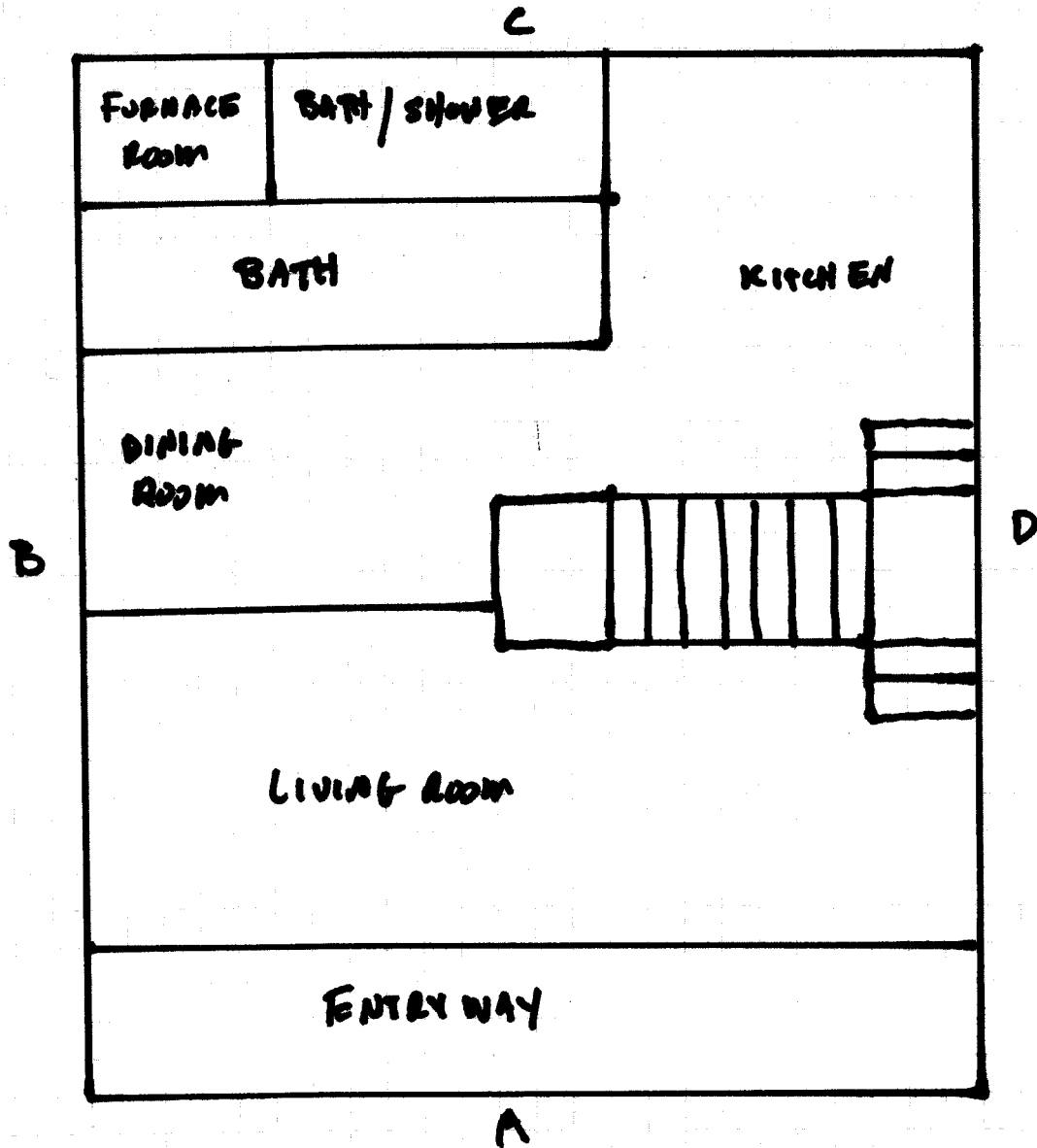
Checked By

Date

Project No

Sheet No  
of

# 1ST FLOOR





146 Hartford Road, Manchester, CT 06040

(860) 646-2469 Fax (860) 649-6883

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**\_\_\_\_\_

Floor: 2nd

Room: Bedroom 1

Page 1 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**\_(If Positive - Check All That Apply)\_**

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**



146 Hartford Road, Manchester, CT 06040

(860) 646-2469 Fax (860) 649-6883

**Address:** 10 Chetwood St, Milford, CT

Apt. #: \_\_\_\_\_

Floor: 2nd Room: Porch

Page 2 of 15

**Project Name:** Lothrop-Sandy Rehab **Project Number:** 20140370.C7E

Project Manager: K. McCarthy (If Positive - Check All That Apply)

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**



146 Hartford Road, Manchester, CT 06040

(860) 646-2469 Fax (860) 649-6883

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:** \_\_\_\_\_

Floor: 2nd

Room: Room 2Page 3 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**\_(If Positive - Check All That Apply)\_**

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**

Floor: 2nd

Room: Room 3

Page 4 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:**

20140370.C7E

**Project Manager:** K. McCarthy

**(If Positive - Check All That Apply)**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**



**XRF FIELD DATA SHEET - INTERIOR ROOM**

Address: 10 Chetwood St, Milford, CT

Apt. #: \_\_\_\_\_

Floor: STAIRWELL / COR.

Room: \_\_\_\_\_

Page 5 of 15

Project Name: Lothrop-Sandy Rehab

Project Number: \_\_\_\_\_

20140370.C7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Floor									
	Baseboards	-0.2		W	WHY.					
A	Wall	-0.3		SL	Tan					
B	Wall	-0.2								
C	Wall	-0.1								
D	Wall	-0.7								
	Chair rail									
	Ceiling	-0.2		SL	WHY.					
	Crown Molding									
	Door	-0.5		W	WHY.					
	Casing	-0.1								
	Jamb	0.2								
	Door									
	Casing									
	Jamb									
	Window Trim									
	Sill									
	Sash									
	Well									
	Cabinet Base									
	Door Exterior									
	Door Interior									
	Walls									
	Shelves									
	Shelf Supports									
	Closet Shelf									
	Shelf Supports									
	Radiator									
	Wall Molding									
	STRINGER	0.0		W	WHY.					
	RISE	-0.3		W	BLUE					

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

Notes: \_\_\_\_\_





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(860) 646-2469 Fax (860) 649-6883

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**\_\_\_\_\_

Floor: 1st Room: Entryway

Page 6 of 18

**Project Name:** Lothrop-Sandy Rehab **Project Number:** 20140370.C7E

Project Manager: K. McCarthy (If Positive - Check All That Apply)

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:** \_\_\_\_\_

Floor: 151

Room: Living Room

Page 7 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**(If Positive - Check All That Apply)**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**

Floor: 1st

Room: Dining / kitchen

Page 8 of 18

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**(If Positive - Check All That Apply)**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**

Floor: 1ST

Room: PartPage 9 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:**

20140370.C7E

**Project Manager:** K. McCarthy

**\_(If Positive - Check All That Apply)\_**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

**Apt. #:**\_\_\_\_\_

Floor: 185

Room: Furnace Room

Page 10 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**\_(If Positive - Check All That Apply)\_**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**

## XRF FIELD DATA SHEET – INTERIOR ROOM

**Address:** 10 Chetwood St, Milford, CT

Floor: 1ST

Room: BATH / shower room

**Apt. #:**

Page 4 of 15

**Project Name:** Lothrop-Sandy Rehab

**Project Number:** 20140370.C7E

**Project Manager:** K. McCarthy

**(If Positive - Check All That Apply)**

[illegible]

\* Substrate Type: Metal = M, Wood = W, Plaster = P, Sheetrock = S, Concrete = C, Brick = B

N/A = Not Accessible; N/C = Not Coated; COV = Covered; VR = Vinyl Replacement

**Notes:**



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## XRF FIELD DATA SHEET - EXTERIOR OF SIDE A

Address: 10 Chetwood St, Milford, CT

Page 12 of 15

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.C7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation									
	Skirt Board									
	Corner Boards									
	Siding	-0.6			grey					
	Upper Trim	5.5	✓	W	grey	no				
	Door	-0.2		I	Blue					
	Casing	-0.2		I	Wht.					
	Jamb	-0.0		I	Blue					
	Threshold	-0.6		M	I					
	Kick Board	-0.0								
	Storm Door									
	Window Sill			W	Wht.					
	Trim	-0.2		W	I					
	Sash	-0.5		V	I					
	Blind Stops									
	Storm Window	-0.4		V	Wht.					
	Basement Sash									
	Frame									
	Bulkhead									
	Downspouts									
	Porch Floor									
	Ceiling Joist									
	Lower Trim									
	Lower Railing									
	Balusters									
	Railing Cap									
	Ceiling									
	Lattice									
	Lattice Frame									
	Support Columns									
	Column Base									
	Brackets									
	Hand Rails									
	Treads									
	Risers									
	Stringers									





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## XRF FIELD DATA SHEET - EXTERIOR OF SIDE B

Address: 10 Chetwood St, Milford, CT

Page 13 of 15

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.C7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation									
	Skirt Board									
	Corner Boards									
	Siding	0.2		Transite	grey					
	Upper Trim									
	Door									
	Casing									
	Jamb									
	Threshold									
	Kick Board									
	Storm Door									
	Window Sill									
	Trim	1.3	✓	W	WHT.	yes				shutter
	Sash	0.3		W	WHT.					0.6 U Blue
	Blind Stops									
	Storm Window									
	Basement Sash									
	Frame									
	Bulkhead									
	Downspouts									
	Porch Floor									
	Ceiling Joist									
	Lower Trim									
	Lower Railing									
	Balusters									
	Railing Cap									
	Ceiling									
	Lattice									
	Lattice Frame									
	Support Columns									
	Column Base									
	Brackets									
	Hand Rails									
	Treads									
	Risers									
	Stringers									



**XRF FIELD DATA SHEET - EXTERIOR OF SIDE C**

Address: 10 Chetwood St, Milford, CT

Page 14 of 15

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.C7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation									
	Skirt Board									
	Corner Boards									
	Siding	-0.3		Trim	Gray					
	Upper Trim									
	Door	-0.1		W	White					
	Casing	-0.2		W	White	Blue				
	Jamb	-0.0		W	White					
	Threshold	-0.3		W	Gray					
	Kick Board									
	Storm Door									
	Window Sill	-0.3		W	Blue					
	<del>Trim</del>									
	<del>Sash</del>									
	<del>Blind Stops</del>									
	<del>Storm Window</del>									
	Basement Sash									
	Frame									
	Bulkhead									
	Downspouts									
	Porch Floor									
	Ceiling Joist									
	Lower Trim									
	Lower Railing									
	Balusters									
	Railing Cap									
	Ceiling									
	Lattice									
	Lattice Frame									
	Support Columns									
	Column Base									
	Brackets									
	Hand Rails									
	Treads									
	Risers									
	Stringers									



# FUSS & O'NEILL EnviroScience, LLC

www.fando.com

146 Hartford Road, Manchester, CT 06040

(860) 646-2469 Fax (860) 649-6883

## XRF FIELD DATA SHEET - EXTERIOR OF SIDE D

Address: 10 Chetwood St, Milford, CT

Page 18 of 15

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.C7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation									
	Skirt Board									
	Corner Boards									
	Siding	<u>-0.6</u>		<u>Trans.</u>	<u>grey</u>					
	Upper Trim									
	Door									
	Casing									
	Jamb									
	Threshold									
	Kick Board									
	Storm Door									
	Window Sill	<u>79.9</u>	<u>✓</u>	<u>w</u>	<u>grey</u>	<u>yes</u>				
	Trim	<u>0.6</u>		<u>w</u>	<u>grey</u>					
	Sash <u>TA</u>									
	Blind Stops									
	Storm Window									
	Basement Sash									
	Frame									
	Bulkhead									
	Downspouts									
	Porch Floor									
	Ceiling Joist									
	Lower Trim									
	Lower Railing									
	Balusters									
	Railing Cap									
	Ceiling									
	Lattice									
	Lattice Frame									
	Support Columns									
	Column Base									
	Brackets									
	Hand Rails									
	Treads									
	Risers									
	Stringers									

## Appendix E

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### Lead in Dust Laboratory Analytical Report and Chain-of-Custody Form

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

http://www.EMSL.com

cinnaminsonleadlab@emsl.com

EMSL Order: 201500458  
 CustomerID: ENV154  
 CustomerPO:  
 ProjectID:

Attn: **Kevin McCarthy**  
**Fuss & O'Neill EnviroScience, LLC**  
**146 Hartford Road**  
**Manchester, CT 06040**

Phone: (860) 646-2469  
 Fax: (888) 838-1160  
 Received: 01/16/15 9:38 AM  
 Collected: 1/15/2015

Project: 20140370.C7E / Lothrop - Storm Sandy - 10 Cherwood Street, Milford, CT

**Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)\***

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
0115JB-01 Site: 2nd Floor Porch - Sill	201500458-0001	1/15/2015	1/17/2015	36 in <sup>2</sup>	310 µg/ft <sup>2</sup>
0115JB-02 Site: 2nd Floor Porch - Floor	201500458-0002	1/15/2015	1/17/2015	144 in <sup>2</sup>	300 µg/ft <sup>2</sup>
0115JB-03 Site: Bedroom #3 - Sill	201500458-0003	1/15/2015	1/17/2015	36 in <sup>2</sup>	390 µg/ft <sup>2</sup>
0115JB-04 Site: Bedroom #3 - Floor	201500458-0004	1/15/2015	1/17/2015	144 in <sup>2</sup>	<10 µg/ft <sup>2</sup>
0115JB-05 Site: Living Room - Sill	201500458-0005	1/15/2015	1/17/2015	36 in <sup>2</sup>	88 µg/ft <sup>2</sup>
0115JB-06 Site: Living Room -Floor	201500458-0006	1/15/2015	1/17/2015	144 in <sup>2</sup>	43 µg/ft <sup>2</sup>
0115JB-07 Site: Kitchen - Sill	201500458-0007	1/15/2015	1/17/2015	36 in <sup>2</sup>	<40 µg/ft <sup>2</sup>
0115JB-08 Site: Kitchen -Floor	201500458-0008	1/15/2015	1/17/2015	144 in <sup>2</sup>	73 µg/ft <sup>2</sup>
0115JB-09 Site: Bathroom 1 - Floor	201500458-0009	1/15/2015	1/17/2015	144 in <sup>2</sup>	10 µg/ft <sup>2</sup>
0115JB-10 Site: Blank	201500458-0010	1/15/2015	1/17/2015	n/a	<10 µg/wipe
0115JB-11 Site: Blank	201500458-0011	1/15/2015	1/17/2015	n/a	<10 µg/wipe

Julie Smith - Laboratory Director  
 NJ-NELAP Accredited:03036  
 or other approved signatory

\*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft<sup>2</sup> x area sampled in ft<sup>2</sup>. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft<sup>2</sup> which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 01/17/2015 12:01:42

OrderID: 201500458

Fuss &amp; O'Neill EnviroScience EMSL Customer No. ENVI54


**FUSS & O'NEILL**  
**EnviroScience, LLC**

201500458

www.fando.com

146 Hartford Road, Manchester, CT 06040

(860) 646-2469 Fax (860) 649-6883

### SAMPLE LOG FOR LEAD WIPES

Sheet No. 1 of 1Project Name: Lothrop - Storm Sandy - 10 Chetwood StreetProject Number: 20140370.C7EBuilding: 10 Chetwood Street, Milford, CTProject Manager: K. McCarthy

Sample ID Number	Sample Location/Building	Surface		Result (ug/ft)	Lab Number
		Component	Sq. In		
0115JB-01	2nd Floor Porch	Sill	36		00438-1
0115JB-02	2nd Floor Porch	Floor	144		-2
0115JB-03	Bedroom #3	Sill	36		-3
0115JB-04	Bedroom #3	Floor	144		-4
0115JB-05	Living Room	Sill	36		-5
0115JB-06	Living Room	Floor	144		-6
0115JB-07	Kitchen	Sill	36		-7
0115JB-08	Kitchen	Floor	144		-8
0115JB-09	Bathroom 1	Floor	144		-9
0115JB-10	Blank	/	/		-10
0115JB-11	Blank	/	/		-11

Analysis Method: EPA-SW-846-3050(MOD.)

Turnaround Time 48 Hours

Wipe Media

☒ ASTM☐ Non ASTM

Based on the turnaround time indicated above, analyses are due to Fuss &amp; O'Neill EnviroScience on or before this date: \_\_\_\_\_

Please call the Fuss &amp; O'Neill EnviroScience laboratory at 860-646-2469 if analyses will be late.

Fax Results To: Fuss &amp; O'Neill EnviroScience Laboratory at 888-838-1160

Special Instructions: \_\_\_\_\_

Samples Collected By: J BlumDate: 1-15-15Time: 1000Samples Rec'd/Sent By: [Signature]Date: 1/16/15Time: 1600Samples Received By: [Signature]Date: 1/16/15Time: 9:38am

ENVI-54

Shipped To:

☒ EMSL (State) NJ☐ Other \_\_\_\_\_Method of Shipment: ☒ Fed Ex☐ UPS Overnight☐ UPS Ground☐ Other \_\_\_\_\_

F:\2014\0370\C7E\lab data\Lead\_Wipe\_COC\_JB\_2015-0115.docx

## Appendix F

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### Mold Laboratory Analytical Report and Chain-Of-Custody Form





# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
Phone/Fax: (800) 220-3675 / (856) 786-0262  
<http://www.EMSL.com> / [cinnmicrolab@emsl.com](mailto:cinnmicrolab@emsl.com)

Order ID: 371500699  
Customer ID: ENV154  
Customer PO: 20140370.C7E  
Project ID:

Attn: Kevin McCarthy  
Fuss & O'Neill EnviroScience, LLC  
146 Hartford Road  
Manchester, CT 06040

Phone: (860) 646-2469  
Fax: (888) 838-1160  
Collected: 01/15/2015  
Received: 01/16/2015  
Analyzed: 01/19/2015

Proj: Lothrop Storm Sandy Rehab - 10 Chetwood St. Milford, CT / 20140370.C7E

## Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Bulk Samples (EMSL Method: M041)

Lab Sample Number:	371500699-0001	371500699-0002			
Client Sample ID:	0115BH	0115BH			
Sample Location:	Furnace Room	Kitchen			
Spore Types	Category	Category			
Agrocybe/Coprinus	-	-			
Alternaria	-	-			
Ascospores	-	Medium			
Aspergillus/Penicillium	-	Rare			
Basidiospores	-	-			
Bipolaris++	-	-			
Chaetomium	-	*Medium*			
Cladosporium	-	-			
Curvularia	-	-			
Epicoccum	-	-			
Fusarium	-	-			
Ganoderma	-	-			
Myxomycetes++	-	-			
Paecilomyces	-	-			
Rust	-	-			
Scopulariopsis	-	-			
Stachybotrys	-	-			
Torula	-	-			
Ulodadium	-	Rare			
Unidentifiable Spores	-	-			
Zygomyces	-	-			
Humicola	-	Rare			
Monodictys	-	*Low*			
Scoleobasidium	-	*Low*			
Spadicoides	-	Rare			
Taeniola	-	Rare			
Fibrous Particulate	-	-			
Hyphal Fragment	-	-			
Insect Fragment	-	-			
Pollen	-	-			

Sample Comment: 371500699-0001 None Detected

Category: Count/per area analyzed

Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut  
\* = Sample contains fruiting structures and/or hyphae associated with the spores.

No discernable field blank was submitted with this group of samples.

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation of the data contained in this report is the responsibility of the client. "-" denotes not detected. Samples received in good condition unless otherwise noted.  
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AHA-LAP, LLC-EMSLAP Accredited #100194

Initial report from: 01/19/2015 09:11:13

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)

Test Report DEVER1-7.30.1 Printed: 1/19/2015 09:11:13AM

Page 1 of 1

Farbod Nekouei, M.S., Laboratory Manager  
or Other Approved Signatory



# Chain of Custody

## Environmental Microbiology Lab Services

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ, 08077

Phone: (856) 858-4800

Fax: (856) 858-4960

(856) 427-1608

<http://www.emsl.com>

Please print all information legibly.

<b>Company:</b>	Fuss & O'Neill EnviroScience, LLC	<b>Bill To:</b>	Fuss & O'Neill EnviroScience, LLC
<b>Address1:</b>	56 Quarry Road	<b>Address1:</b>	56 Quarry Road
<b>Address2:</b>		<b>Address2:</b>	
<b>City, State:</b>	Trumbull, CT	<b>City, State:</b>	Trumbull, CT
<b>Zip/Post Code:</b>	06611	<b>Zip/Post Code:</b>	06611
<b>Country:</b>	USA	<b>Country:</b>	USA
<b>Contact Name:</b>	Kevin McCarthy	<b>Attn:</b>	Kevin McCarthy
<b>Phone:</b>	203-374-3748x 3533	<b>Phone:</b>	203-374-3748x3533
<b>Fax:</b>	888-838-1160	<b>Fax:</b>	888-838-1160
<b>Email:</b>	kmccarthy@fando.com	<b>Email:</b>	kmccarthy@fando.com
<b>EMSL Rep:</b>	Ellen Podell	<b>P.O. Number:</b>	
<b>Project Name/Number:</b>	Lothrop-Storm Sandy Rehab-10 Chetwood St /20140370.C7E		

Project Name Lothrop Storm Sandy Rehab-10 Chetwood St, Milford, CT

Date Collected 01-15-15 Date Sent 01-15-15

Other Information: Mold Bulk Sample

<i>For EMSL use only</i>	
EMSL Order No.	<u>371500699</u>
Sample(s) received in good condition?	[Y] [N]
Discernable field blank submitted?	[Y] [N]

Sample ID	Sample Location	Sample Type	Volume (liters), Area (sq. cm), or Weight (grams)	Analysis Code*	Turn-around Time*	Serial Number
0115BH	Furnace Room	Bulk ((Sheetrock)	1 gram	M041	48 hour	N/A
0115BH	Kitchen	Bulk (Sheet Flooring	1 gram	M041	48 hour	N/A

Relinquished by: Bob Hobbins  
Received by: [Signature]

Date: 01-15-15 Time: PM

Date: 1/16/15 Time: 9:30 AM

Page: 1 of 1

## Appendix G

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### Airborne Radon Gas Laboratory Analytical Report and Chain-Of-Custody Form

## Site Radon Inspection Report

Date : 01/20/2015

Ms. Karron Redfield  
Fuss & O'Neill Enviroscience, LLC  
146 Hartford Road  
Manchester, CT 06040-

Client: PC 20140370.C7E  
Test Location: 10 Chetwood Street  
Milford, CT 06460-

## Individual Canister Results

Canister ID# : 2357351  
Canister Type : Charcoal Canister 3 inch  
Location : Kitchen-D  
Radon Level : 0.3 pCi/L  
Error for Measurement is:  $\pm$  0.2 pCi/L

Test Start : 01/15/2015 @ 09:01  
Test Stop : 01/19/2015 @ 08:40  
Received: 01/20/2015 @ 13:58  
Analyzed: 01/20/2015 @ 16:47

Canister ID# : 2357358  
Canister Type : Charcoal Canister 3 inch  
Location : Dining Room Closet-B  
Radon Level : 0.1 pCi/L  
Error for Measurement is:  $\pm$  0.5 pCi/L

Test Start : 01/15/2015 @ 09:03  
Test Stop : 01/19/2015 @ 08:41  
Received: 01/20/2015 @ 13:58  
Analyzed: 01/20/2015 @ 16:46

Canister ID# : 2357399  
Canister Type : Charcoal Canister 3 inch  
Location : Dining Room Closet  
Radon Level : 0.1 pCi/L  
Error for Measurement is:  $\pm$  0.2 pCi/L

Test Start : 01/15/2015 @ 09:03  
Test Stop : 01/19/2015 @ 08:41  
Received: 01/20/2015 @ 13:58  
Analyzed: 01/20/2015 @ 16:46

Canister ID# : 2357461  
Canister Type : Charcoal Canister 3 inch  
Location : Kitchen  
Radon Level : 0.2 pCi/L  
Error for Measurement is:  $\pm$  0.2 pCi/L

Test Start : 01/15/2015 @ 09:01  
Test Stop : 01/19/2015 @ 08:40  
Received: 01/20/2015 @ 13:58  
Analyzed: 01/20/2015 @ 16:46

*Andreas C. George*

Andreas C. George  
Radon Measurement Specialist  
NJ MES 11089

*Dante Galan*

Dante Galan  
Laboratory Director

NRSB ARL0001  
NYS ELAP ID: 10806  
PADEP ID: 0346  
NJDEP ID: NY933  
NJ MEB 90036  
FL DOH RB1609  
IL RNL2000201

## Site Radon Inspection Report

Date : 01/20/2015

Ms. Karron Redfield  
Fuss & O'Neill Enviroscience, LLC  
146 Hartford Road  
Manchester, CT 06040-

Client: PC 20140370.C7E  
Test Location: 10 Chetwood Street  
Milford, CT 06460-  
Individual Canister Results

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon ([www.epa.gov/radon/pubs/citguide.html](http://www.epa.gov/radon/pubs/citguide.html)). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at [www.epa.gov/iaq/radon](http://www.epa.gov/iaq/radon).

**For New Jersey clients:** Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

**For New York clients:** If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free 1-800-458-1158.

---

**PLEDGE OF ASSURED QUALITY**

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or its consultants based on RTCA-provided results.

*Andreas C. George*

Andreas C. George  
Radon Measurement Specialist  
NJ MES 11089

*Dante Galan*

Dante Galan  
Laboratory Director

NRSB ARL0001  
NYS ELAP ID: 10806  
PADEP ID: 0346  
NJDEP ID: NY933  
NJ MEB 90036  
FL DOH RB1609  
IL RNL2000201



FUSS & O'NEILL  
EnviroScience, LLC

271  
Rec'd  
1-20-2015

### Radon Testing Summary Sheet

Contact/Phone #: Bob Hobbins/203-374-3748 x 3526 Placed by: B. Hobbins  
Project #: 20140370-69E C7F Retrieved by: B. Eaton  
Project: Lothrop-Storm Sandy Rehab Start Date: 1-15-15  
Address: 30 N. Main Road 10 Chatham St Stop Date: 1-19-15  
Milford East Haven, CT Weather at Placement: Sunny, 25° F

**email results to [jhobbins@fando.com](mailto:jhobbins@fando.com) Please Make Sure to Include the Chain of Custody**

**Instructions:** Tear off center bar coded label from canister and affix to sheet in spaces provided. Please make sure top bar coded label is left on detector. Identify test location for each detector in space provided for that detector (room #, location in room) necessary. Please

REMOVE THIS PORTION AND AFFIX  
TO TEST INFORMATION FORM

2357481



REMOVE THIS PORTION AND KEEP  
FOR YOUR RECORDS  
2357481

Client

RADON TESTING CORP. OF AMERICA

REMOVE THIS PORTION AND AFFIX  
TO TEST INFORMATION FORM

2357399



REMOVE THIS PORTION AND KEEP  
FOR YOUR RECORDS  
2357399

Client

RADON TESTING CORP. OF AMERICA

Start Time: 0901

Stop Time: 0840

Identifier: \_\_\_\_\_

Kitchen

Start Time: 0903

Stop Time: 0841

Identifier: \_\_\_\_\_

Dining Room closet

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

REMOVE THIS PORTION AND AFFIX  
TO TEST INFORMATION FORM

2357351



REMOVE THIS PORTION AND KEEP  
FOR YOUR RECORDS  
2357351

Client

RADON TESTING CORP. OF AMERICA

REMOVE THIS PORTION AND AFFIX  
TO TEST INFORMATION FORM

2357358



REMOVE THIS PORTION AND KEEP  
FOR YOUR RECORDS  
2357358

Client

RADON TESTING CORP. OF AMERICA

Start Time: 0901

Stop Time: 0840

Identifier: \_\_\_\_\_

Kitchen - D

Start Time: \_\_\_\_\_

Stop Time: W

Identifier: A

Dining Room Closet - B

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

Start Time: \_\_\_\_\_

Stop Time: \_\_\_\_\_

Identifier: \_\_\_\_\_

## Appendix H

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### Site Photographs





Defective Blue LBP Window Well, Living Room



White LBP Window Sash, Living Room



ACM Exterior Gray Cementitious Panel Siding



Opening in ACM Exterior Gray Cementitious Panel Siding



Mold Growth on Sheetrock Wall, Furnace Room