



Civil Engineering | Land Surveying | Environmental Sciences

**Environmental Review Record
and
Statutory Checklist**

**Residence of Carole LaCroix
1 Sibley Lane
East Haven, CT**

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

December 12, 2014

Prepared for:
State of Connecticut
Department of Housing
and
Lothrop Associates
100 Pearl Street, 14th Floor
Hartford, CT 06103

Prepared by:
FREEMAN
Freeman Companies, LLC
36 John Street
Hartford, CT 06106

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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 1 Sibley Lane in East Haven, 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 41.2473 Latitude and -72.8961 Longitude. The building, constructed in 1936, is located on the northwest side of Sibley Lane in proximity to the intersection with Old Town Highway. 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 flooring material
- Installation of drywall
- Staining of new siding to match existing
- The reprogramming of a bathroom
- The installation of interior doors
- Repair of garage door
- Installation of new kitchen cabinets and countertop
- Installation of new insulation
- Replacement of wet bar

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 and improvements, and that the unit density and land use will not change, 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 Agency(ies) were consulted and inspections performed.

4.1 Town of East Haven - Engineering Department

The Town of East Haven's Engineering Department was consulted in regards to inland wetlands, coastal zone management and local zoning approvals. According to Mr. Jerry Tramontaro, 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.

4.2 Lead

A lead inspection was performed at the property by Fuss & O'Neill on November 26, 2014. Based on the inspection the following building components were identified to contain concentrations of lead greater than 1.0 milligrams of lead per square centimeter of paint:

- Green wood wall frame - main floor, rooms 1 & 2
- White interior wood window lintel - main floor, room 1
- White metal hand rail - 2nd floor, common room

The current Site building occupants indicated to the EnviroScience technicians that sheetrock would be installed over the interior wall frames and interior window lintels without disturbing the materials. As LBP-coated building materials are not defective, abatement of the LBP is not required. Neither a lead in dust hazard, nor a lead in drinking water hazard exists in the areas tested.

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/cm² for purposes of EPA Lead Renovation, Repair, and Painting (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 coated 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.

4.3 Asbestos

An asbestos inspection was performed at the property by Fuss & O'Neill on November 26, 2014. The results of the inspection indicate that the following materials were identified as asbestos containing materials (ACM):

- White taping/joint compound on walls and ceilings of living room, kitchen, garage, bedroom, 2nd floor bathroom, and 2nd floor storage room
- Interior black tar at old roof line in room 1 and 2nd floor storage room

The above materials 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 requirement (Standards for Asbestos Abatement).

The white taping/joint compound was identified as containing asbestos in concentrations greater than 1%. Composite sampling of the sheetrock and joint/taping compounds were determined to contain < 1% asbestos. Based on the composite sampling performed, the sheetrock and joint/taping compounds are not regulated but the CTDPH or EPA; however the materials are regulated by OSHA. The materials should be removed under controlled conditions (negative air, critical barriers, water, worker decontamination units, etc.). These materials should then be removed from inside the building using leak/air tight containers. The waste may be disposed as construction/demolition debris.

Since the asbestos inspection was limited Fuss & O'Neill recommends 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.

4.5 Radon

From November 26, 2014 through November 28, 2014, 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 livable space on the first floor (kitchen and living room) contained a radon concentration range of 0.1 pCi/L to 0.2 pCi/L; which is below the EPA recommended action guideline of 4.0 pCi/L.

4.6 Mold

On November 26, 2014, Fuss & O'Neill performed a visual assessment for the presence of suspect mold and water intrusion. Assessment results show that suspect mold growth was identified on the garage wall behind the heating unit. The suspect mold growth was determined by laboratory analysis to contain low levels of *Chaetomium* and high levels of *Stachybotrys* in the bulk sample collected.

Potential exposure to mold during renovation is presumed. Appropriate worker protection, use of engineering controls, and surface mold treatment on building materials that will 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.

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 Maps, CTDEEP, accessed at
http://www.ct.gov/deep/lib/deep/environmental_justice/maps/east_haven.pdf

Endangered Species Maps, CTDEEP, accessed at
<http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp?nddbsel=44>

Environmental Data Resource Report, *EDR Radius Map with GeoCheck*, March 20, 2014

Environmental Data Resource Report, NEPACheck, March 20, 2014

Flood Insurance Rate Map, Map Number 09009C0557J

Google Earth, accessed on December 3, 2014

Sole Source Aquifer Map, EPA, accessed at EPA Region 1
http://www.epa.gov/region1/eco/drinkwater/pc_solesource_aquifer.html

Town of East Haven Assessor Card, accessed at <http://www.propertyrecordcards.com/>

Town of East Haven Building Department

Town of East Haven Coastal Area Management Program

Zoning Regulations of the Town of East Haven

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 Carole LaCroix – 1 Sibley Lane, East Haven

ERR FILE # Application Number 1191

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 to be submitted to SHPO 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 include rising of existing building 2-feet above BFE. Mitigation activities to be included in construction scope of work.	NFIP FIRM Map 09009C0557J 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. A portion of the property parcel is located within a National Wetland Inventory estuarine and marine wetland, but the project area is not located 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.	A portion of the property parcel is located within a National Wetland Inventory estuarine and marine wetland. The project area 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 East Haven Coastal Area Management Program. http://cteco.uconn.edu/map_catalog/maps/town/Coastal_Boundary/cstlbnd_EAST_HAVEN.pdf 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 http://www.epa.gov/region1/eco/drinkwater/pc_solesource_aquifer.html 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.	http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp?nddbsel=44 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 http://www.rivers.gov/maps/conus.php
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.	http://www.epa.gov/region1/topics/air/sips/sips_ct.html
9. 58.5(h) Farmland Protection [7 CFR 658]	A	Property does not include prime or unique farmland.	http://websoilsurvey.sc.egov.usda.gov
10. 58.5(i)(1) Noise Control and Abatement [24 CFR 51B]	A	Project is not located within the 65 decibel zone of Tweed Airport.	Tweed New Haven Airport Master Plan
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	Mitigation will not result in an increase to residential density of the property nor is the property located within an airport clear zone.	Tweed-New Haven Airport Runway Protection Zone maps are attached

13. 58.5(i)(2)(i-iv) Contamination and Toxic Substances [24 CFR 58.5(i)(2)]	B	An above ground storage tank is located to the north of the residence. According to the owner the tank was historically used to fuel the furnace for the home. The home is now heated with natural gas. Based on inspection of the tank there was no evidence that a release from the tank has occurred. Although no longer in use, the tank and associated ancillary lines should be removed.	Opinion of preparer who is a qualified environmental professional
14. 58.5(j) Environmental Justice [Executive Order 12898]	A	The project is not located in predominantly minority and low income census block area according to EJ Mapping. The project will not create high and adverse human health and environmental effects.	http://www.ct.gov/deep/lib/deep/environmental_justice/maps/east_haven.pdf A copy of the map depicting the site location is attached
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	Town of East Haven does not contain any coastal barrier resources	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 East Haven provides weekly curbside pickup of refuse for all 1 to 3 family homes	http://www.townofeasthavenetc.org/public_refuse.shtml
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 was identified at the property. As Lead based paint coated building materials are not defective, abatement of the lead based paint is not required. Contractors are subject to the OSHA Lead in Construction regulation (Title 29 CFR, Part 1926.62).	Limited Hazardous Materials Inspection Report. A copy of the report is attached.

16 D. Asbestos	B	Asbestos containing materials were identified on the property and 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 requirement (Standards for Asbestos Abatement).	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 on accessible/visible building materials observed within the residence. Appropriate worker protection, use of engineering controls, and surface mold treatment on building materials that will remain should be considered. Removal should comply with EPA and the Institute of Inspection, Cleaning and Restoration Certification (IICRC) guidance.	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	Property within an AE Flood Zone. Certification through the General Permit for CDBG-DR activities with CTDEEP is required	FEMA Map 09009C0557J . See Appendix C for Certification form and attached application documentation
17 B. Structures, Dredging & Fill Act [CGS 22a-359 through 22a-363f]	A	Project is not located waterward of coastal jurisdiction line	Office of Long Island Sound Programs Coastal Jurisdiction Line Elevations
17 C. Tidal Wetlands Act [CGS 22a-28 through 22a-35]	B	Project is not located within a tidal wetland. Obtaining local wetland approvals, if necessary, will be included within construction Scope of Work.	USGS Wetland map, CT DEEP tidal wetlands map, EDR NEPA Check report and EDR Radius Map
17 D. Local inland wetlands/watercourses [CGS 22a-42]	B	Project is not located within an inland wetland. Obtaining local wetland approvals, if necessary, will be included within construction Scope of Work.	Town of East Haven inland wetlands areas do not differ from DEEP identified wetlands
17 E. Various Municipal Zoning Approvals	B	Obtaining any local zoning approvals to conduct mitigation efforts will be included within the construction scope of work	Zoning Regulations of the town of east haven

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

12/11/2014

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

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

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

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>

National River Inventory (NRI) listed rivers: <http://www.nps.gov/ncrc/programs/rtca/nri/>

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-1/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

Farmland Protection Policy Act

http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/programs/alphabetical/fppa/?&cid=nrcs_143_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/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/npias/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

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

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

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 type="checkbox"/>	<input checked="" 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 Trial 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

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

EPA Maps:

<http://www.epa.gov/emeedata/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 available 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 Carole LaCroix
1 Sibley Lane
East Haven, CT



Not to Scale

Figure 1

Site Location Plan



Prepared For:
Residence of Carole LaCroix
1 Sibley Lane
East Haven, CT



Not to Scale

Figure 2

Site Vicinity Map

Appendix C

Resource Maps and Supporting Documents

The Assessor's office is responsible for the maintenance of records on the ownership of properties. Assessments are computed at 70% of the estimated market value of real property at the time of the last revaluation which was 2011.



TOWN of EAST HAVEN ASSESSOR



Information on the Property Records for the Municipality of East Haven was last updated on 11/8/2014.

Parcel Information

Location:	11 SIBLEY LN	Property Use:	Residential	Primary Use:	Residential
Unique ID:	P0225000	Map Block Lot:	010 0302 011	Acres:	0.17
490 Acres:	0.00	Zone:	R-3	Volume / Page:	1211/0146
Developers Map / Lot:	PT C/AKA 1	Census:	1801000		

Value Information

	Appraised Value	70% Assessed Value
Land	59,500	41,650
Buildings	160,030	112,020
Detached Outbuildings	0	0

Total

219,530

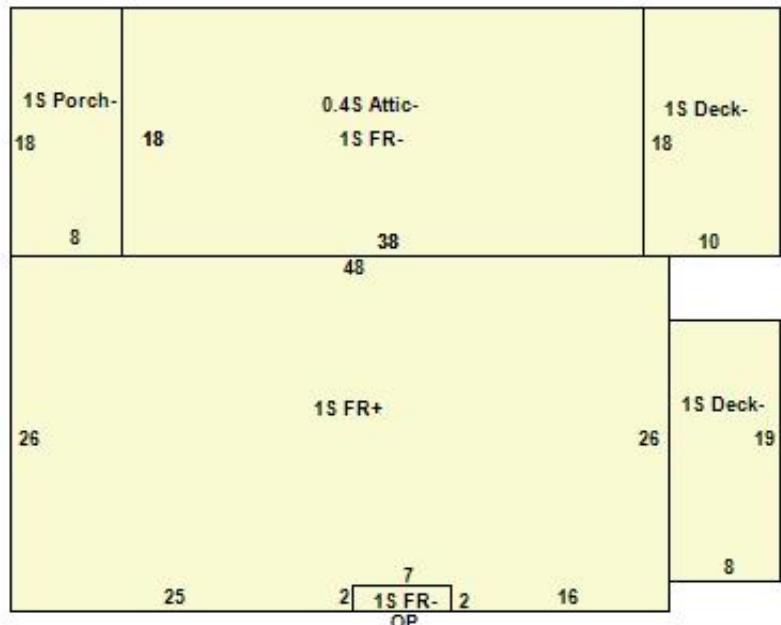
153,670

Owner's Information

Owner's Data

LACROIX CAROLE A
1 SIBLEY LN
EAST HAVEN CT 06512

Building 1



Building Use:	Single Family	Style:	Split Level	Living Area:	1,932
Stories:	1.00	Construction:	Wood Frame	Year Built:	1936
Total Rooms:	6	Bedrooms:	2	Kitchens:	1
Full Baths:	2	Half Baths:	0	Fireplaces:	0
Heating:	Forced Hot Air	Fuel:	Oil	Cooling Percent:	0%
Basement Area:	1,234	Basement Finished Area:	0	Basement Garages:	1
Roof		Siding:	Vertical Wood	Units:	

Material:

Special Features

Attached Components

Type:	Year Built:	Area:
Unfinished Attic	1936	274
Wood Deck	1991	152
Wood Deck	1991	180
Enclosed Porch	1991	144
Open Porch	1971	14

Owner History - Sales

Owner Name	Volume	Page	Sale Date	Deed Type	Valid Sale	Sale Price
LACROIX CAROLE A	1211	146	11/01/2001		Yes	\$175,000
PEAT MARJORIE E EST	1114	267	08/18/2000		Yes	\$0

Building Permits

Permit Number	Permit Type	Date Opened	Date Closed	Permit Status	Reason
S				Permit Issued	76 X 100



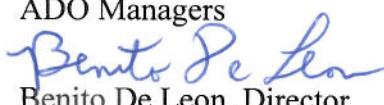
Federal Aviation Administration

Memorandum

Date:

SEP 27 2012

To: Regional Airports Division Managers
610 Branch Managers
620 Branch Managers
ADO Managers

From: 
Benito De Leon, Director
Office of Airport Planning and Programming (APP-1)

Michael J. O'Donnell, Director
Office of Airport Safety and Standards (AAS-1)

Subject: Interim Guidance on Land Uses Within a Runway Protection Zone

Background

The FAA Office of Airports (ARP) has identified the need to clarify our policy on land uses within the Runway Protection Zone (RPZ). This memorandum presents interim policy guidance on compatible land uses within Runway Protection Zones (RPZ) to address recurrent questions about what constitutes a compatible land use and how to evaluate proposed land uses that would reside in an RPZ. While Advisory Circular 150/5300-Change 17(Airport Design) notes that "it is desirable to clear all objects from the RPZ," it also acknowledges that "some uses are permitted" with conditions and other "land uses are prohibited."

RPZ land use compatibility also is often complicated by ownership considerations. Airport owner control over the RPZ land is emphasized to achieve the desired protection of people and property on the ground. Although the FAA recognizes that in certain situations the airport sponsor may not fully control land within the RPZ, the FAA expects airport sponsors to take all possible measures to protect against and remove or mitigate incompatible land uses.

ARP is developing a new guidance document for the Regional Office (RO) and Airport District Office (ADO) staff that clarifies our policy regarding land uses in the RPZ. This new guidance document will outline a comprehensive review process for existing and proposed land uses within an RPZ and is slated for publication in 2013. We also intend to incorporate RPZ land use considerations into the ongoing update to the Land Use Compatibility Advisory Circular (AC) which is slated for publication in 2014.

This memorandum outlines interim guidance for ARP RO and ADO staff to follow until the comprehensive RPZ land use guidance is published.

Interim Guidance

New or Modified Land Uses in the RPZ

Regional and ADO staff must consult with the National Airport Planning and Environmental Division, APP-400 (who will coordinate with the Airport Engineering Division, AAS-100), when any of the land uses described in **Table 1** would enter the limits of the RPZ as the result of:

1. An airfield project (e.g., runway extension, runway shift)
2. A change in the critical design aircraft that increases the RPZ dimensions
3. A new or revised instrument approach procedure that increases the RPZ dimensions
4. A local development proposal in the RPZ (either new or reconfigured)

Table 1: Land Uses Requiring Coordination with APP-400

- Buildings and structures (Examples include, but are not limited to: residences, schools, churches, hospitals or other medical care facilities, commercial/industrial buildings, etc.)
- Recreational land use (Examples include, but are not limited to: golf courses, sports fields, amusement parks, other places of public assembly, etc.)
- Transportation facilities. Examples include, but are not limited to:
 - Rail facilities – light or heavy, passenger or freight
 - Public roads/highways
 - Vehicular parking facilities
- Fuel storage facilities (above and below ground)
- Hazardous material storage (above and below ground)
- Wastewater treatment facilities
- Above-ground utility infrastructure (i.e. electrical substations), including any type of solar panel installations.

Land uses that may create a safety hazard to air transportation resulting from wildlife hazard attractants such as retention ponds or municipal landfills are not subject to RPZ standards since these types of land uses do not create a hazard to people and property on the ground. Rather, these land uses are controlled by other FAA policies and standards. In accordance with the relevant Advisory Circulars, the Region/ADO must coordinate land use proposals that create wildlife hazards with AAS-300, regardless of whether the proposed land use occurs within the limits of an RPZ.

Alternatives Analysis

Prior to contacting APP-400, the RO and ADO staff must work with the airport sponsor to identify and document the full range of alternatives that could:

1. Avoid introducing the land use issue within the RPZ
2. Minimize the impact of the land use in the RPZ (i.e., routing a new roadway through the controlled activity area, move farther away from the runway end, etc.)

3. Mitigate risk to people and property on the ground (i.e., tunneling, depressing and/or protecting a roadway through the RPZ, implement operational measures to mitigate any risks, etc.)

Documentation of the alternatives should include:

- A description of each alternative including a narrative discussion and exhibits or figures depicting the alternative
- Full cost estimates associated with each alternative regardless of potential funding sources.
- A practicability assessment based on the feasibility of the alternative in terms of cost, constructability and other factors.
- Identification of the preferred alternative that would meet the project purpose and need while minimizing risk associated with the location within the RPZ.
- Identification of all Federal, State and local transportation agencies involved or interested in the issue.
- Analysis of the specific portion(s) and percentages of the RPZ affected, drawing a clear distinction between the Central Portion of the RPZ versus the Controlled Activity Area, and clearly delineating the distance from the runway end and runway landing threshold.
- Analysis of (and issues affecting) sponsor control of the land within the RPZ.
- Any other relevant factors for HQ consideration.

APP-400 will consult with AAS-100 when reviewing the project documents provided by the RO/ADO. APP-400 and AAS-100 will work with the Region/ADO to make a joint determination regarding Airport Layout Plan (ALP) approval after considering the proposed land use, location within the RPZ and documentation of the alternatives analysis.

In addition, APP-400 and AAS-100 will work with the Region/ADO to craft language for inclusion in the airspace determination letter regarding any violations to ensure that all stakeholders (including tenants, operators, and insurers) are fully apprised of the issues and potential risks and liabilities associated with permitting such facilities within the RPZ.

Existing Land Uses in the RPZ

This interim policy only addresses the introduction of new or modified land uses to an RPZ and proposed changes to the RPZ size or location. Therefore, at this time, the RO and ADO staff shall continue to work with sponsors to remove or mitigate the risk of any existing incompatible land uses in the RPZ as practical.

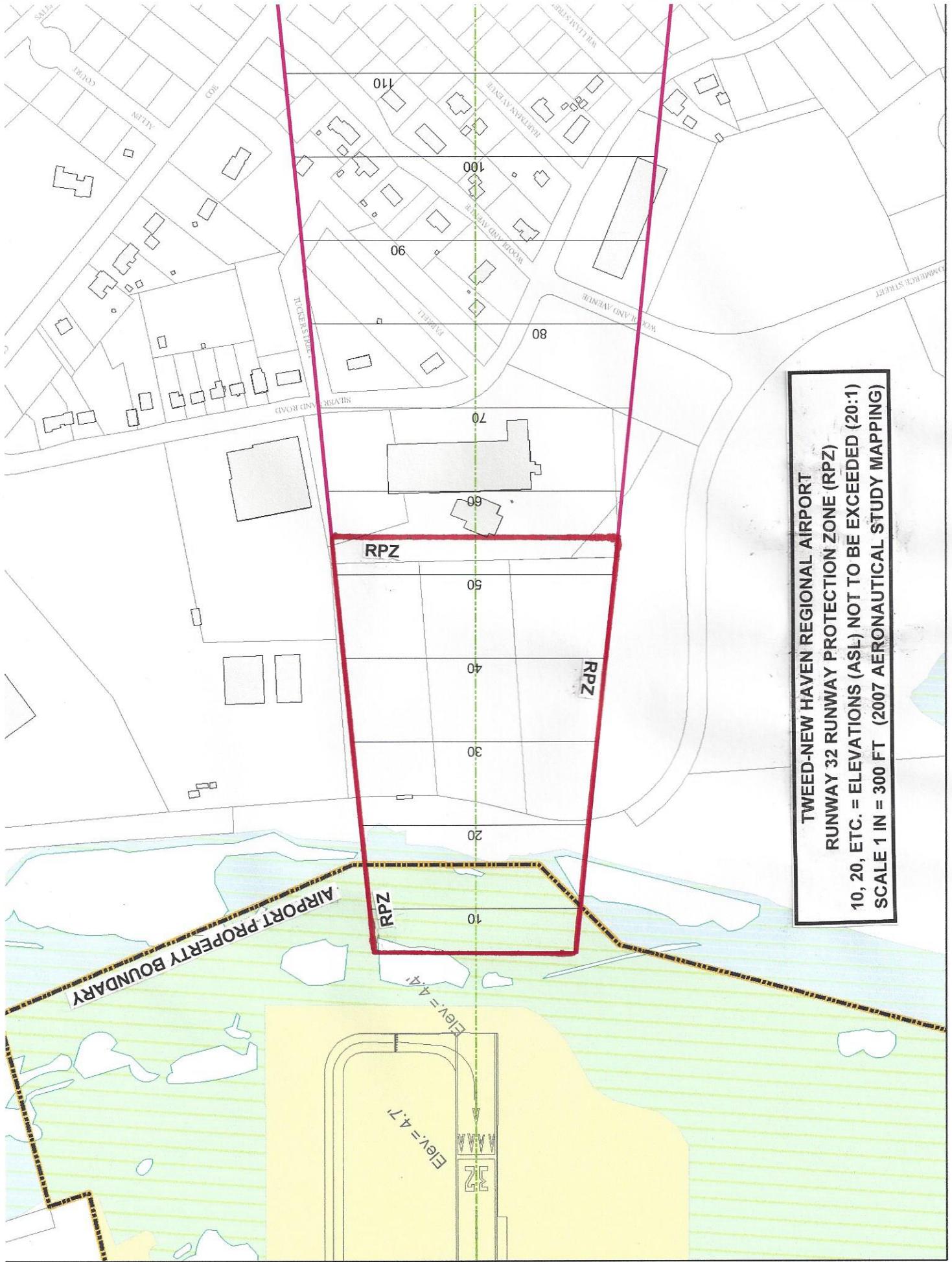
For additional information or questions regarding this interim guidance, please contact either Ralph Thompson, APP-400, at ralph.thompson@faa.gov or (202) 267-8772 or Danielle Rinsler, APP-401, at danielle.rinsler@faa.gov or (202) 267-8784.

Runway 32 Approach Surface - 20:1 Obstacle Clearance :

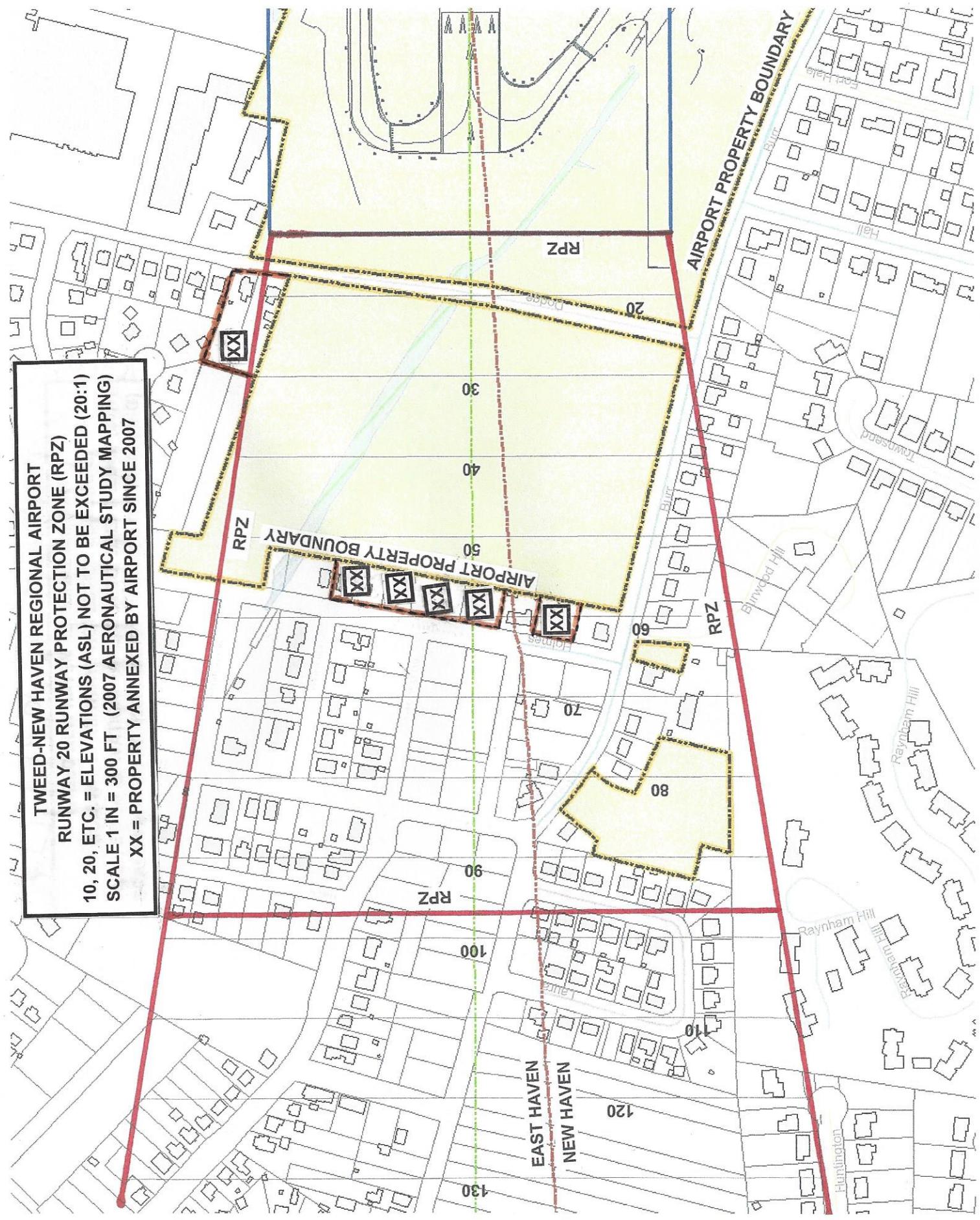
August 2007

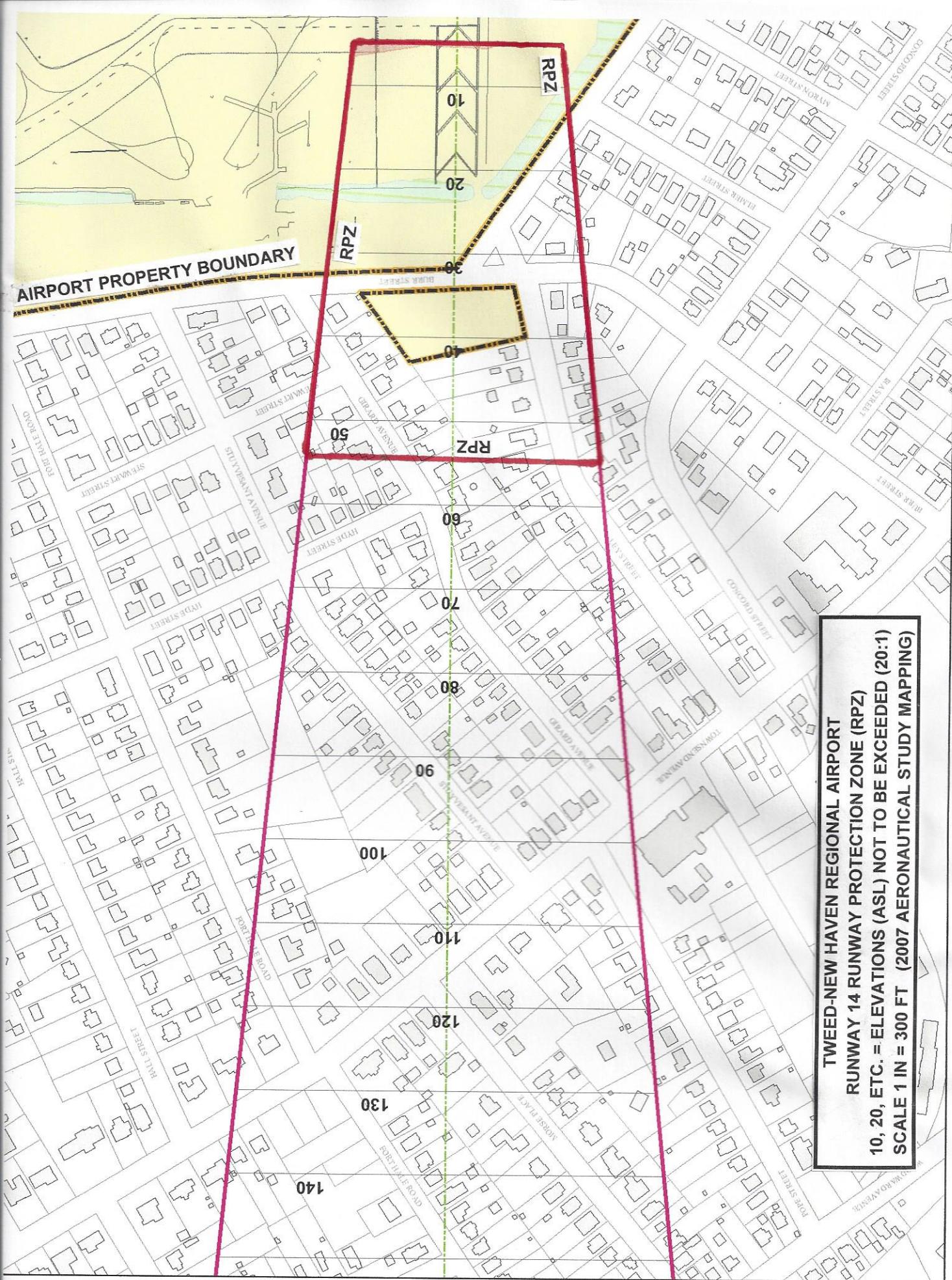
FAR Part 77

**TWEED-NEW HAVEN REGIONAL AIRPORT
RUNWAY 32 RUNWAY PROTECTION ZONE (RPZ)
10, 20, ETC. = ELEVATIONS (ASL) NOT TO BE EXCEEDED (20:1)
SCALE 1 IN = 300 FT (2007 AERONAUTICAL STUDY MAPPING)**



TWEED-NEW HAVEN REGIONAL AIRPORT
RUNWAY 20 RUNWAY PROTECTION ZONE (RPZ)
10, 20, ETC. = ELEVATIONS (ASL) NOT TO BE EXCEEDED (20:1)
SCALE 1 IN = 300 FT (2007 AERONAUTICAL STUDY MAPPING)
XX = PROPERTY ANNEXED BY AIRPORT SINCE 2007

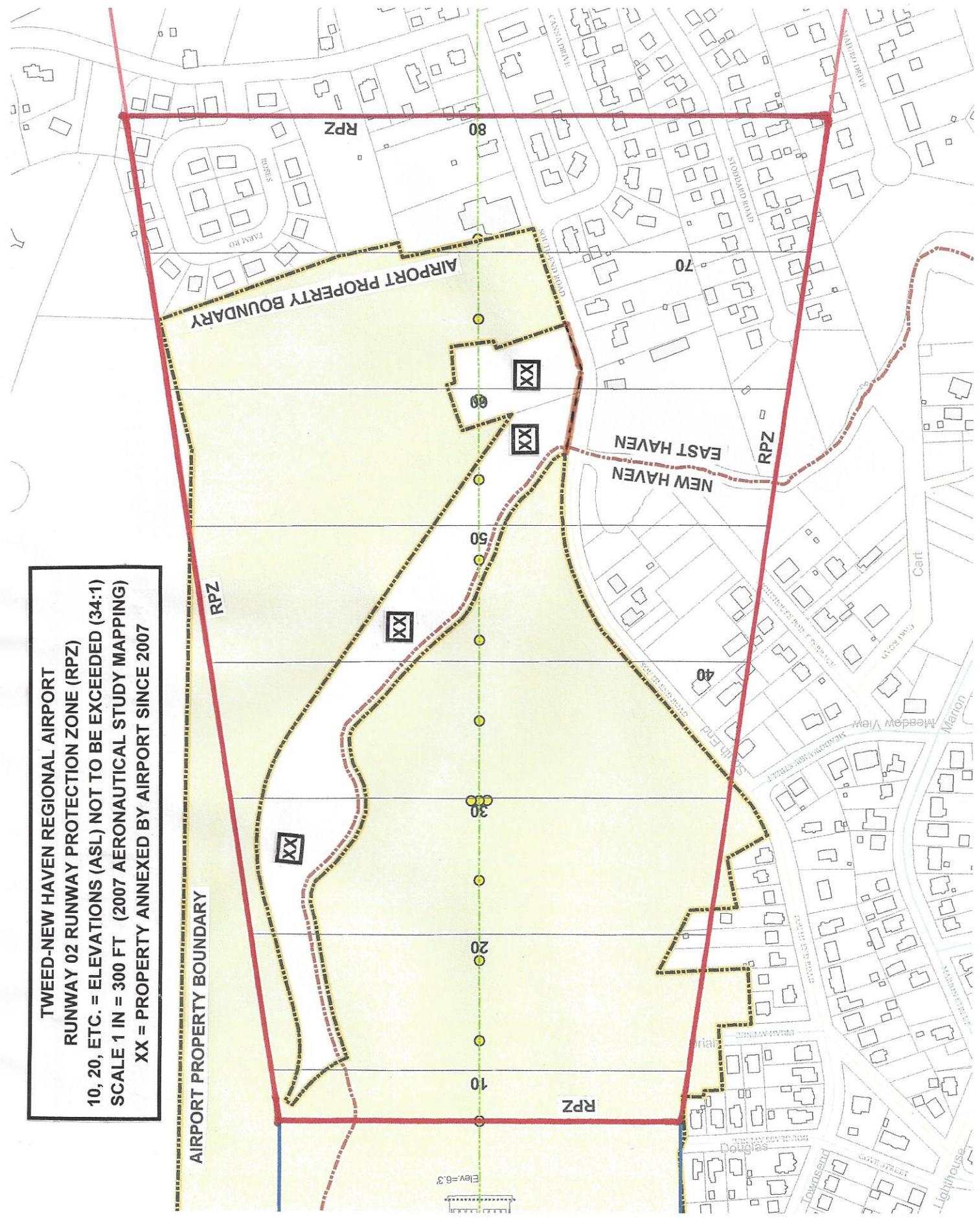





Runway 14 Approach Surface - 20:1 Obstacle Clearance Surface

August 2007

TWEED-NEW HAVEN REGIONAL AIRPORT
RUNWAY 02 RUNWAY PROTECTION ZONE (RPZ)
10, 20, ETC. = ELEVATIONS (ASL) NOT TO BE EXCEEDED
SCALE 1 IN = 300 FT (2007 AERONAUTICAL STUDY)
XX = PROPERTY ANNEXED BY AIRPORT SINCE





Environmental Justice Communities EAST HAVEN, CT

Low Income Communities

Town Boundary

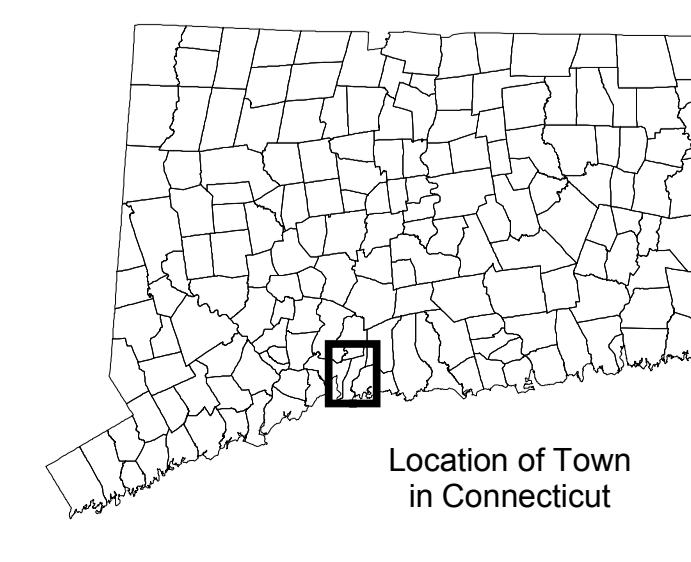
This map shows a municipality having U.S. census block groups with 30% of their population living below 200% of the federal poverty level.

Note: The applicable facilities must be located directly in the defined census block or in a municipality on the CT Department of Economic and Community Development list of distressed municipalities to be considered under Public Act 08-94 and the Environmental Justice Policy.

Map prepared January 2009



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



Location of Town
in Connecticut

Natural Diversity Data Base Areas EAST HAVEN, CT

December 2013

 State and Federal Listed Species
& Significant Natural Communities

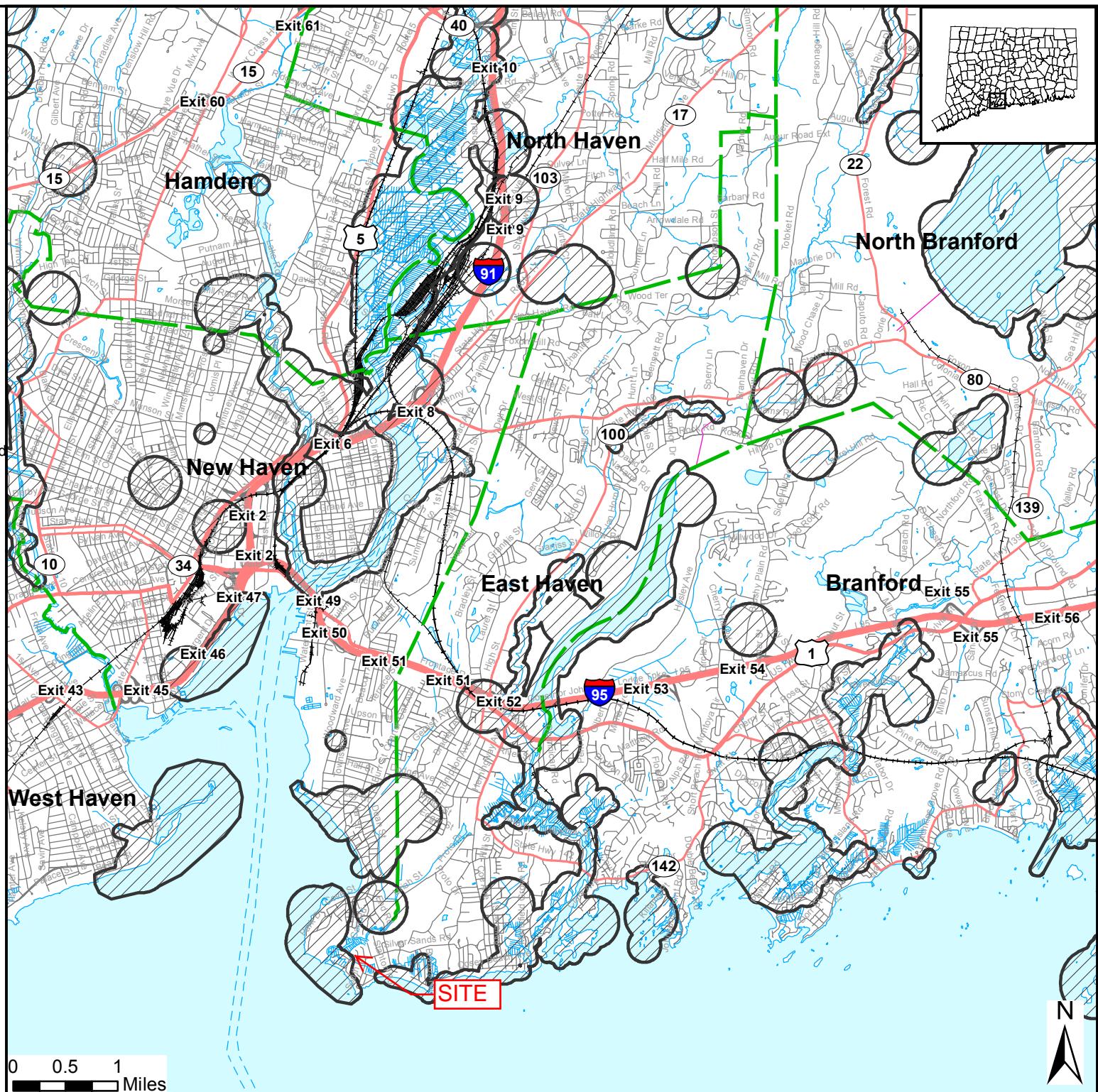
NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the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

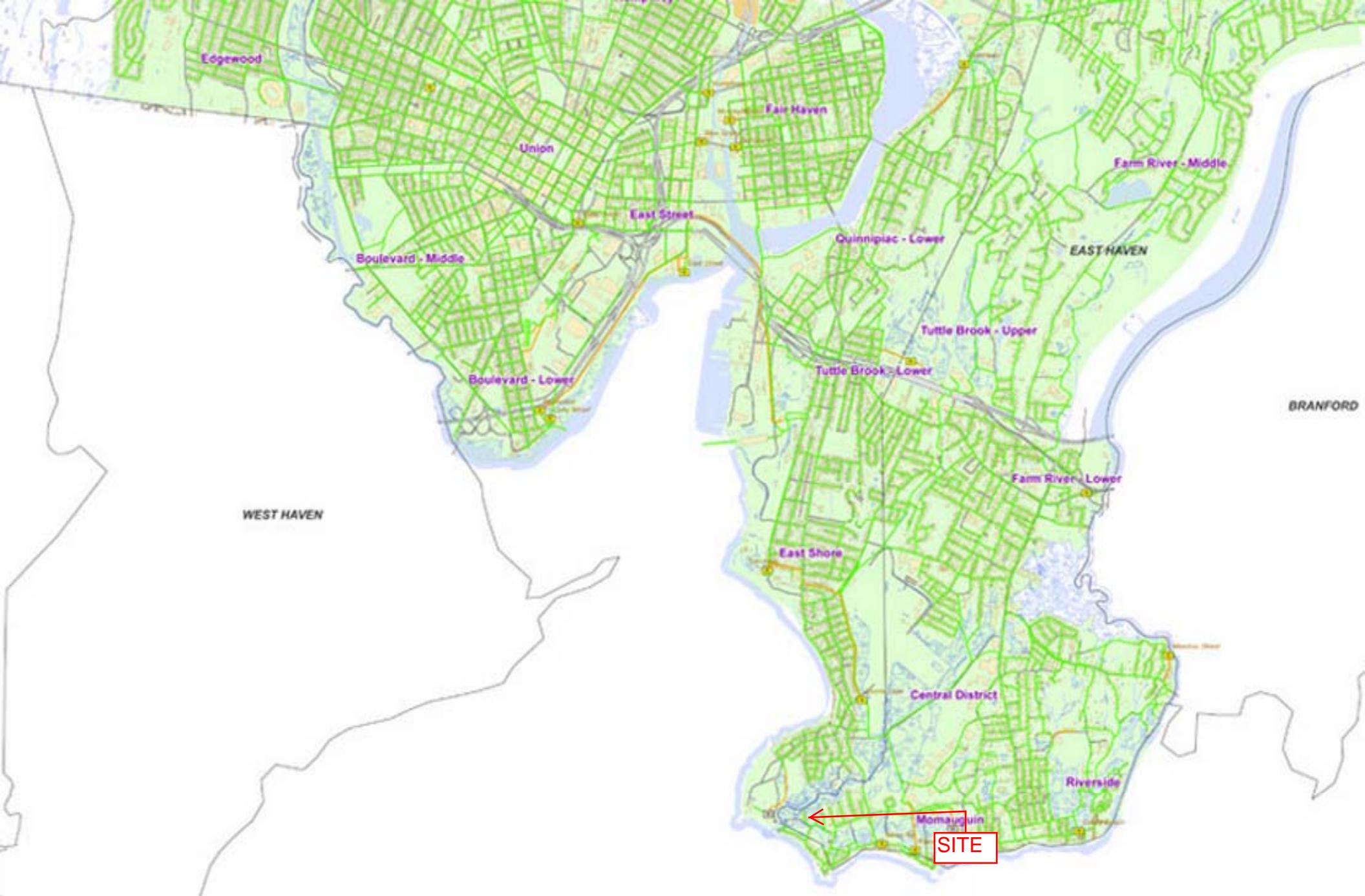
This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For 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

This file has PDF Layers. Look for the Layers tab on the left. Expand the layers and use the "eye" icons to change visibility.

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





Legend

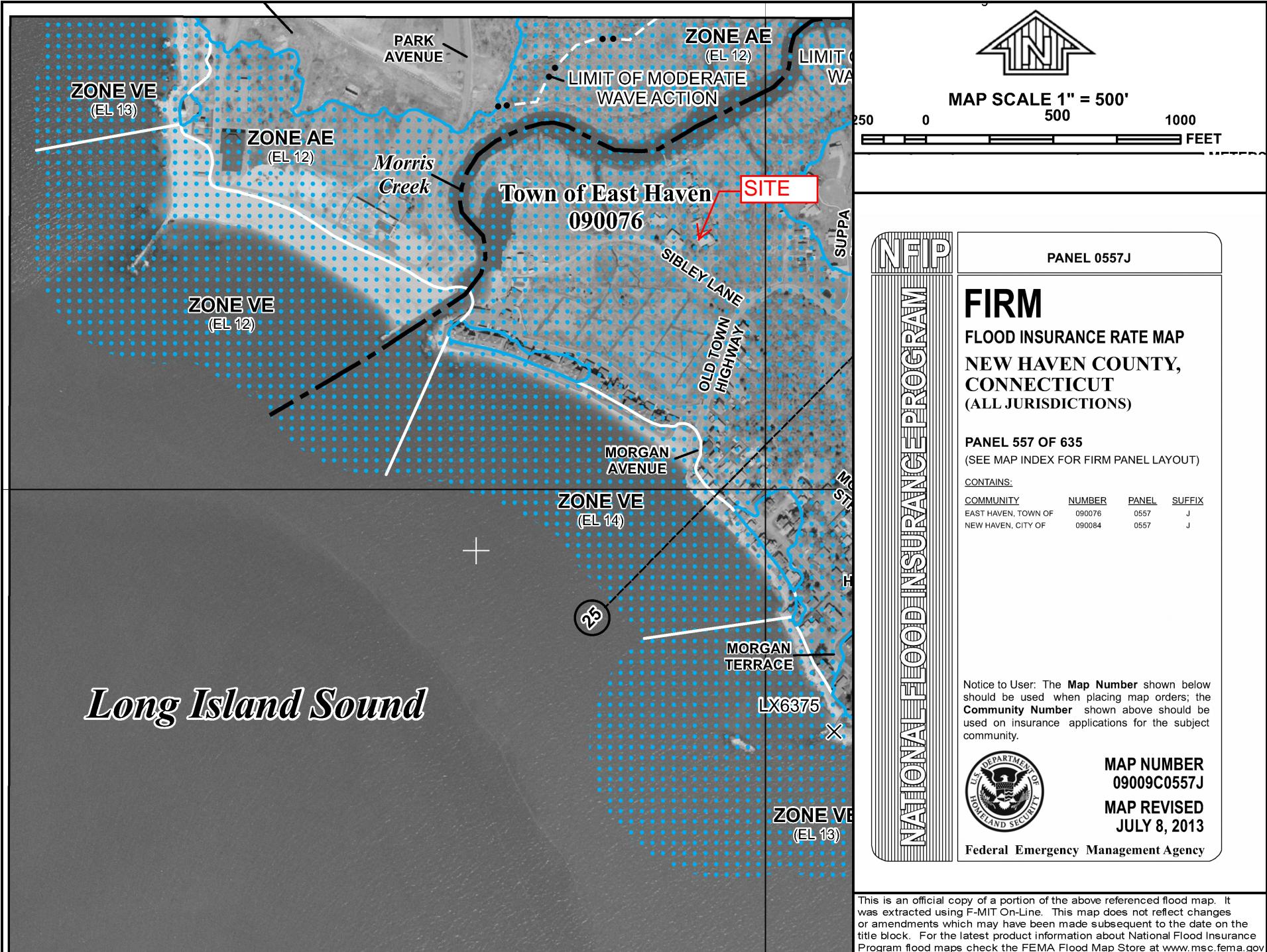
GNHWPCA Sanitary Sewer Area

*Existing Preserved Open Space

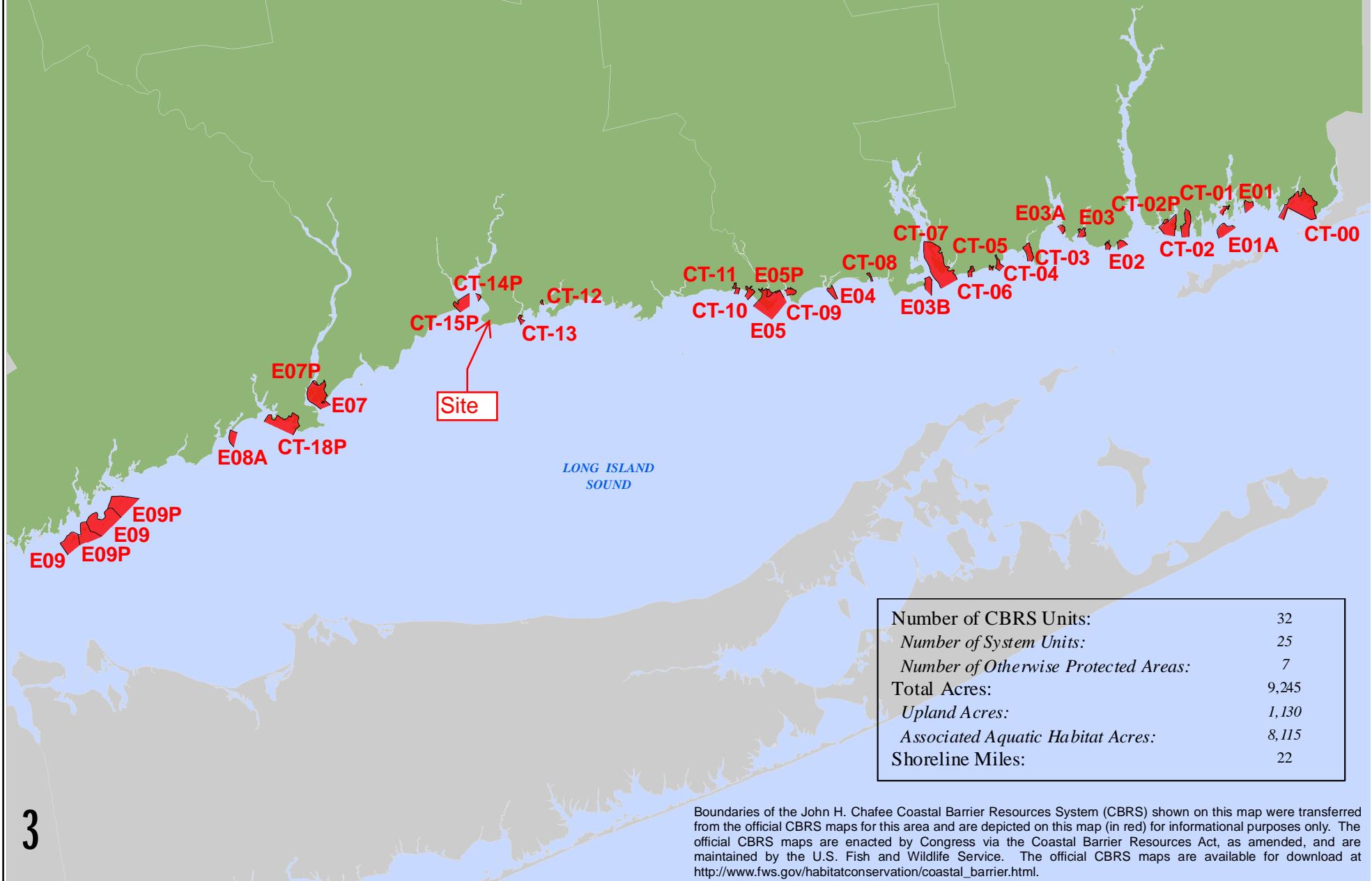
GNHWPCA Sewer Service Area Map

Disclaimer:
Sewer mapping data is for planning purposes only.
Although compiled from recent plans, there is no
guarantee that this data is free from errors and omissions.

GNHWPCA Sanitary Sewer Area to be developed
connected with the Connecticut Office of
Policy and Management
Conservation and Development Plan (Locational Guide Map)
Designated as an Existing Preserved Open Space



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM CONNECTICUT



COASTAL BOUNDARY EAST HAVEN, CONNECTICUT

LEGEND



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 the 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, Ledbury, 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 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.

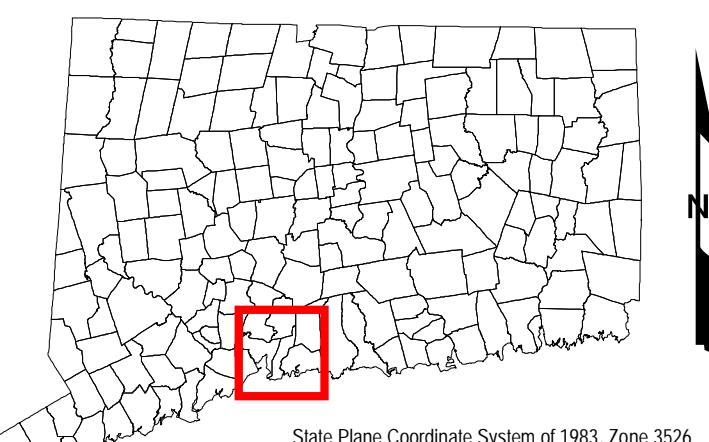
zoning board of appeals and a referral of a municipal project) must be conducted in a manner consistent with the requirements of the Connecticut Coastal Management Act (CMA). As the Coastal Boundary is a hybrid of the Coastal Area, all state and federal agency activities must be consistent with the requirements 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.

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 1969, Zone 35B
Lambert Conformal Conic Projection
North American Datum of 1983

0.5 Miles
0 1000 2000 3000 4000 5000 6000 7000 Feet
0.5 Kilometers
0 1000 2000 3000 4000 5000 6000 7000 Meters

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

Map created by DEEP
January 2013
Map is not colored
Protect from light and moisture





U.S. Fish and Wildlife Service

National Wetlands Inventory

Federal Wetlands
Inventory_1 Sibley

Dec 3, 2014

Wetlands

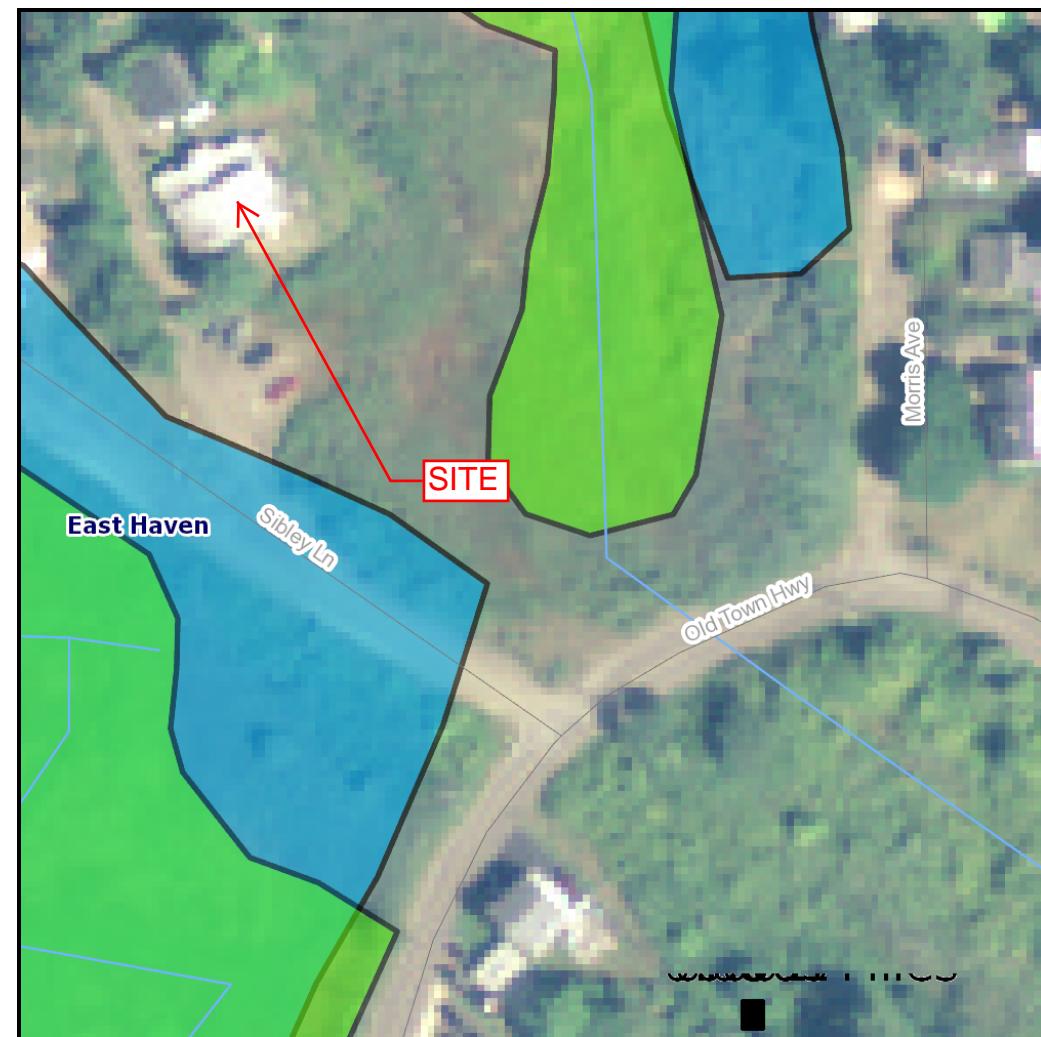
- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other



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.

User Remarks:

Tidal Wetlands _1 Sibley

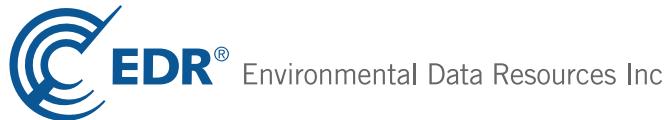


Streets	MA, NY, RI Town Line	Waterbody Line 7
Interstate	State	Water
US Route	Town	Dam
State Route	Shoreline	Waterbody Poly 7
Ramp	CT Town Name	Water
Street	MA, NY, RI Town Name	Tidal Wetland 1990s
CT Town Line	State Line	Tidal Wetland 1990s
State Boundary	State	Tidal Wetland 1970s
State Boundary - LIS	Coastline	Tidal Wetland 1970s
Town Boundary		
Coastline		

1-99 SIBLEY LN
1-99 SIBLEY LN
East Haven, CT 06512

Inquiry Number: 4130343.5s
November 10, 2014

EDR NEPACheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EDR NEPACheck® 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 39 of this report.

TARGET PROPERTY ADDRESS

1-99 SIBLEY LN
1-99 SIBLEY LN
EAST HAVEN, CT 06512

Inquiry #: 4130343.5s
Date: 11/10/14

TARGET PROPERTY COORDINATES

Latitude (North): 41.247299 - 41° 14' 50.3"
Longitude (West): 72.896400 - 72° 53' 47.0"
Universal Tranverse Mercator:
UTM X (Meters): 676263.1
UTM Y (Meters): 4568132.0

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
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NATURAL AREAS MAP

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

HISTORIC SITES MAP

1.1307a (4) Listed or eligible for National Register	CT Historic Sites	1.00	YES	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
	Indian Reservation	1.00	NO	NO
	APPAL_TRAIL	1.00	NO	NO

FLOODPLAIN MAP

1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	YES
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WETLANDS MAP

1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
	NY COASTAL ZONE	20.00	YES	NO

FCC & FAA SITES MAP

Cellular	1.00	NO	NO
4G Cellular	1.00	NO	NO
Antenna Structure Registration	1.00	YES	NO
Towers	1.00	YES	NO
AM Antenna	1.00	NO	NO
FM Antenna	1.00	NO	NO
FAA DOF	1.00	YES	NO
Airports	1.00	YES	---

Natural Areas Map



- ★ Target Property
- ＼＼ Roads
- ／＼ County Boundary
- ／＼ Waterways
- Water
- Airports
- + Locations
- Federal Areas
- Federal Linear Features
- State Areas
- State Linear Features



SITE NAME: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.5s
 DATE: November 10, 2014

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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	North	0-1/8 mi	0	CTEN000001 CT Natural Diversity
			Text:	No details provided by source agency
2	NNE	1/4-1/2 mi	1509	CTEN000001 CT Natural Diversity
			Text:	No details provided by source agency
3	NNW	1/4-1/2 mi	1869	CTEN000001 CT Natural Diversity
			Text:	No details provided by source agency
4	ESE	1/2-1 mi	3602	CTEN000001 CT Natural Diversity
			Text:	No details provided by source agency

Historic Sites Map



- ★ Target Property
- ◇ Historic Sites
- \\\\ Streets
- County Boundary
- Waterways
- Water
- Airports
- ☒ Federal Historic Areas
- ☒ State Historic Areas
- ☒ US Indian Reservations
- ▲ Scenic Trail

0 1/4 1/2 1 Miles



SITE NAME: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.5s
 DATE: November 10, 2014

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HISTORIC SITES MAP FINDINGS

Map ID Direction Distance Distance (ft.)	EDR ID Database
A1 WNW 1/4-1/2 mi 1806	83003578 National Register of Hist. Places
Resname: Lighthouse Point Carousel Address: Lighthouse Point Park, Lighthouse Ave. City: New Haven Vicinity: Not Reported County: New Haven State: CONNECTICUT Certdate: 19831215 Multname: Not Reported Acre: 0.9+	
A2 WNW 1/4-1/2 mi 2055	90001108 National Register of Hist. Places
Resname: Five Mile Point Lighthouse Address: Lighthouse Point Park City: New Haven Vicinity: Not Reported County: New Haven State: CONNECTICUT Certdate: 19900801 Multname: Not Reported Acre: 0.9+	
3 North 1/2-1 mi 2717	CT2008000001244 CT Historic Sites
Fname: MORRIS HOUSE Faddress: 325 Lighthouse Rd. Fcity: NEW HAVEN Fcnty: NEW HAVEN COUNTY Flisted: 04-DEC-72 Fagency: Not Reported Edr id: CT2008000001244	
4 NNE 1/2-1 mi 3484	72001341 National Register of Hist. Places
Resname: Morris House Address: 325 Lighthouse Rd. City: New Haven Vicinity: Not Reported County: New Haven	

HISTORIC SITES MAP FINDINGS

Map ID Direction Distance Distance (ft.)	EDR ID Database
State: CONNECTICUT Certdate: 19721204 Multname: Not Reported Acre: 2.0+	

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: BEAVER HILLS HISTORIC DISTRICT
Faddress: Roughly bounded by Crescent St., Goffe Ter., and Boulevard
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 31-JUL-86
Fagency: Not Reported
Edr id: CT2008000001218

Unmappable
CT2008000001218
CT Historic Sites

Fname: BRANFORD ELECTRIC RAILWAY HISTORIC DISTRICT (also in Branford)
Faddress: 17 River St. to Court St.
Fcity: EAST HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 03-JUN-83
Fagency: Not Reported
Edr id: CT2008000001149

Unmappable
CT2008000001149
CT Historic Sites

Fname: CHAPEL STREET HISTORIC DISTRICT
Faddress: Roughly bounded by Park, Chapel, Temple, George, and Crown Sts.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 05-APR-84
Fagency: Not Reported
Edr id: CT2008000001221

Unmappable
CT2008000001221
CT Historic Sites

Fname: CONNECTICUT HALL, YALE UNIVERSITY
Faddress: Bounded by High, Chapel, Elm, and College Sts.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 15-OCT-66
Fagency: NHL, HABS
Edr id: CT2008000001224

Unmappable
CT2008000001224
CT Historic Sites

Unmappable
CT2008000001227
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: DWIGHT STREET HISTORIC DISTRICT
 Faddress: Roughly bounded by Park, N. Frontage, Scranton, Sherman, and Elm Sts.
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 08-SEP-83
 Fagency: Not Reported
 Edr id: CT2008000001227

Unmappable
CT2008000001150
CT Historic Sites

Fname: EAST HAVEN GREEN HISTORIC DISTRICT
 Faddress: 263,270,274 Hemingway Ave. 125,129,133,139,143,150 Main St.
 3,7,11,15,23,27,39,47 Park Pl. & 58, 100 River St.
 Fcity: EAST HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 11-APR-02
 Fagency: Not Reported
 Edr id: CT2008000001150

Unmappable
CT2008000001228
CT Historic Sites

Fname: EAST ROCK PARK (also in Hamden)
 Faddress: Roughly bounded by State, Davis, Livingston Sts., Park and Mitchell
 Drs., and Whitney Ave.
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 15-APR-97
 Fagency: Not Reported
 Edr id: CT2008000001228

Unmappable
86001991
National Register of Hist. Places

Resname: Edgewood Park Historic District
 Address: Roughly bounded by Whalley Ave. and Elm St., Sherman Ave. and
 Boulevard, Edgewood and Derby, and Yale Aves.
 City: New Haven
 Vicinity: Not Reported
 County: New Haven
 State: CONNECTICUT
 Certdate: 19860909
 Multname: Not Reported
 Acre: 240.0+

Unmappable
CT2008000001229
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname:	EDGEWOOD PARK HISTORIC DISTRICT
Faddress:	Roughly bounded by Boulevard, Derby, Sherman, W. Park, Whalley, and Yale Aves. and Elm St.
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	09-SEP-86
Fagency:	Not Reported
Edr id:	CT2008000001229

Unmappable
CT2008000001231
CT Historic Sites

Fname:	FARMINGTON CANAL (New Haven and Northampton Canal)
Faddress:	Runs roughly southeast through the city from Cherry Ann St. to State St.
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	12-SEP-85
Fagency:	Not Reported
Edr id:	CT2008000001231

Unmappable
CT2008000001232
CT Historic Sites

Fname:	FIVE MILE POINT LIGHTHOUSE
Faddress:	Lighthouse Point Park
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	01-AUG-90
Fagency:	Not Reported
Edr id:	CT2008000001232

Unmappable
CT2008000001233
CT Historic Sites

Fname:	FORT NATHAN HALE (Fort Hale Park, Black Rock)
Faddress:	Woodward Ave.
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	28-OCT-70
Fagency:	Not Reported
Edr id:	CT2008000001233

Unmappable
CT2008000001237
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: HILLHOUSE AVENUE HISTORIC DISTRICT
 Faddress: Bounded by Sachem, Temple, Trumbull, and Prospect Sts., Whitney and Hillhouse Aves., and Railroad Tracks
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 13-SEP-85
 Fagency: Not Reported
 Edr id: CT2008000001237

Unmappable
CT2008000001238
CT Historic Sites

Fname: HOWARD AVENUE HISTORIC DISTRICT
 Faddress: Properties along Howard Ave., between I-95 and Cassius St.
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 12-SEP-85
 Fagency: Not Reported
 Edr id: CT2008000001238

Unmappable
CT2008000001240
CT Historic Sites

Fname: LIGHTHOUSE POINT CAROUSEL
 Faddress: Lighthouse Point Park, Lighthouse Ave
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 15-DEC-83
 Fagency: Not Reported
 Edr id: CT2008000001240

Unmappable
CT2008000001248
CT Historic Sites

Fname: NEW HAVEN GREEN HISTORIC DISTRICT
 Faddress: Bounded by Chapel, College, Elm, and Church Sts.
 Fcity: NEW HAVEN
 Fcnty: NEW HAVEN COUNTY
 Flisted: 30-DEC-70
 Fagency: NHL, HABS
 Edr id: CT2008000001248

Unmappable
CT2008000001251
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: NEW HAVEN RAILROAD STATION (Union Station)
Faddress: Union Ave.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 03-SEP-75
Fagency: Not Reported
Edr id: CT2008000001251

Unmappable
CT2008000001253
CT Historic Sites

Fname: NINTH SQUARE HISTORIC DISTRICT
Faddress: Roughly bounded by Church, State, George, and Court Sts.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 03-MAY-84
Fagency: Not Reported
Edr id: CT2008000001253

Unmappable
CT2008000001254
CT Historic Sites

Fname: ORANGE STREET HISTORIC DISTRICT
Faddress: Roughly bounded by Whitney Ave., State, Eagle and Trumbull Sts
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 12-SEP-85
Fagency: Not Reported
Edr id: CT2008000001254

Unmappable
CT2008000001255
CT Historic Sites

Fname: OYSTER POINT HISTORIC DISTRICT
Faddress: Roughly bounded by I-95, S. Water St., Howard Ave., Sea St., and Greenwich Ave.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 10-AUG-89
Fagency: Not Reported
Edr id: CT2008000001255

Unmappable
CT2008000001258
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: PROSPECT HILL HISTORIC DISTRICT
Faddress: Off CT 10
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 02-NOV-79
Fagency: Not Reported
Edr id: CT2008000001258

Unmappable
CT2008000001260
CT Historic Sites

Fname: QUINNIPAC RIVER HISTORIC DISTRICT
Faddress: Roughly bounded by Quinnipiac Ave., Lexington, Chapel, Ferry, Pine,
Front and Lombard Sts
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 28-JUN-84
Fagency: LHD
Edr id: CT2008000001260

Unmappable
CT2008000001262
CT Historic Sites

Fname: RIVER STREET HISTORIC DISTRICT
Faddress: Roughly bounded by Chapel St., Blatchley Ave., New Haven Harbor, and James St.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 26-JAN-89
Fagency: Not Reported
Edr id: CT2008000001262

Unmappable
CT2008000000925
CT Historic Sites

Fname: SOUTHWEST LEDGE LIGHTHOUSE (OPERATING LIGHTHOUSES IN CONNECTICUT MPS)
Faddress: SW end of east breakwater at entrance to New Haven Harbor
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 29-MAY-90
Fagency: Not Reported
Edr id: CT2008000000925

Unmappable
CT2008000000927
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname:	STRATFORD SHOAL LIGHTHOUSE (OPERATING LIGHTHOUSES IN CONNECTICUT MPS)
Faddress:	SW end of east breakwater at entrance to New Haven Harbor
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	29-MAY-90
Fagency:	Not Reported
Edr id:	CT2008000000927

Unmappable
CT2008000000929
CT Historic Sites

Fname:	TROWBRIDGE SQUARE HISTORIC DISTRICT
Faddress:	Roughly bounded by Columbus and Howard Aves., Loop Rd., Liberty St. and Railroad Tracks
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	12-SEP-85
Fagency:	Not Reported
Edr id:	CT2008000000929

Unmappable
CT2008000000930
CT Historic Sites

Fname:	UPPER STATE STREET HISTORIC DISTRICT
Faddress:	Roughly State St. from Bradley St. to Mill River St.
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	07-SEP-84
Fagency:	Not Reported
Edr id:	CT2008000000930

Unmappable
02001727
National Register of Hist. Places

Resname:	Westville Village Historic District
Address:	Roughly along Blake St. and Whalley Ave.
City:	New Haven
Vicinity:	Not Reported
County:	New Haven
State:	CONNECTICUT
Certdate:	20030123
Multname:	Not Reported
Acre:	22.0+

Unmappable
CT2008000000932
CT Historic Sites

UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname: WESTVILLE VILLAGE HISTORIC DISTRICT
Faddress: Roughly along Blake St. and Whalley Ave
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 23-JAN-03
Fagency: Not Reported
Edr id: CT2008000000932

Unmappable
CT2008000000934
CT Historic Sites

Fname: WHITNEY AVENUE HISTORIC DISTRICT
Faddress: Roughly bounded by Burns, Livingston, Cold Spring, Orange, Bradley
Sts., and Whitney Ave.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 02-FEB-89
Fagency: Not Reported
Edr id: CT2008000000934

Unmappable
CT2008000000935
CT Historic Sites

Fname: WINCHESTER REPEATING ARMS COMPANY HISTORIC DISTRICT
Faddress: Roughly bounded by Sherman Pkwy., Ivy, Mansfield, Admiral, and Sachem
Sts.
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 28-JAN-88
Fagency: Not Reported
Edr id: CT2008000000935

Unmappable
CT2008000000936
CT Historic Sites

Fname: WOOSTER SQUARE HISTORIC DISTRICT
Faddress: Wooster Square Park
Fcity: NEW HAVEN
Fcnty: NEW HAVEN COUNTY
Flisted: 05-AUG-71
Fagency: LHD
Edr id: CT2008000000936

Unmappable
CT2008000000937
CT Historic Sites

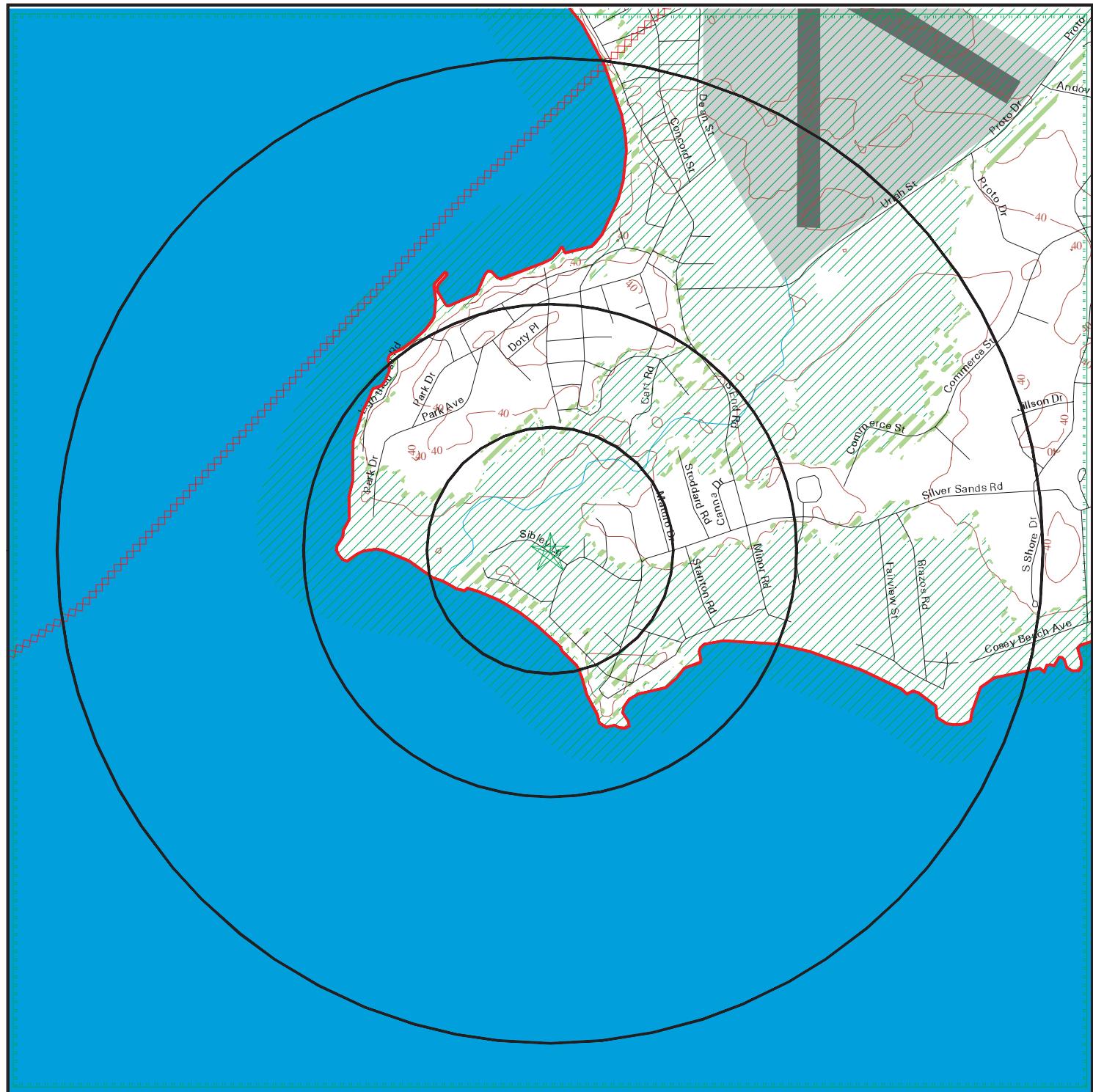
UNMAPPABLE HISTORIC SITES

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

Status
EDR ID
Database

Fname:	YALE BOWL
Faddress:	Southwest of the intersection of Chapel St. and Yale Ave.
Fcity:	NEW HAVEN
Fcnty:	NEW HAVEN COUNTY
Flisted:	27-FEB-87
Fagency:	NHL
Edr id:	CT2008000000937

Flood Plain Map



Major Roads
 Contour Lines
 Waterways
 County Boundary
 Airports

Pipe Lines
 Fault Lines

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

0 1/4 1/2 1 Miles



SITE NAME: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.5s
 DATE: November 10, 2014

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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
- Airports

- 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: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.5s
 DATE: November 10, 2014

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WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Woodmont

Additional NWI hardcopy map(s) in search area:

New Haven

Map ID Direction Distance Distance (ft.)	Code and Description* [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.246922 / -72.896713	Database NWI
1 SSW 0-1/8 mi 163	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.246922 / -72.896713	NWI
2 NE 0-1/8 mi 196	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.247662 / -72.895866	NWI
3 NNW 0-1/8 mi 385	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal Lat/Lon: 41.248283 / -72.896912	NWI
4 NNW 0-1/8 mi 453	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.248470 / -72.896965	NWI
5 NNE 0-1/8 mi 546	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.248604 / -72.895416	NWI
6 NNW 0-1/8 mi 563	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.248775 / -72.897011	NWI
7 North 1/8-1/4 mi 1022	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.250107 / -72.896400	NWI
8 North 1/8-1/4 mi 1026	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.250107 / -72.896080	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 NNE 1/8-1/4 mi 1155	E1UBL5 [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal, [5] Mesohaline Lat/Lon: 41.250313 / -72.895096	NWI
10 NNE 1/4-1/2 mi 1372	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.250793 / -72.894539	NWI
11 ESE 1/4-1/2 mi 1637	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.246273 / -72.890602	NWI
12 NE 1/4-1/2 mi 1772	E1UBL5 [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal, [5] Mesohaline Lat/Lon: 41.250668 / -72.891747	NWI
13 NE 1/4-1/2 mi 1948	E2EM1N [E] Estuarine, [2] Intertidal, [EM] Emergent, [1] Persistent, [N] Regularly Flooded Lat/Lon: 41.251163 / -72.891502	NWI
14 ENE 1/4-1/2 mi 2193	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.249550 / -72.889000	NWI
15 East 1/4-1/2 mi 2248	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.246368 / -72.888313	NWI
16 WNW 1/4-1/2 mi 2277	E1UBL [E] Estuarine, [1] Subtidal, [UB] Unconsolidated Bottom, [L] Subtidal Lat/Lon: 41.250107 / -72.903793	NWI
17 ENE 1/4-1/2 mi 2379	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.250103 / -72.888588	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
18 ENE 1/4-1/2 mi 2423	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.250904 / -72.888992	NWI
19 ENE 1/2-1 mi 2769	E2EMP [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded Lat/Lon: 41.251495 / -72.888000	NWI
20 East 1/2-1 mi 2952	E2EMPd [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [d] Partially Drained/Ditched Lat/Lon: 41.246620 / -72.885696	NWI
21 ENE 1/2-1 mi 3075	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.250103 / -72.885849	NWI
22 ENE 1/2-1 mi 3314	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.250004 / -72.884895	NWI
23 ENE 1/2-1 mi 3457	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.249928 / -72.884315	NWI
24 ENE 1/2-1 mi 3463	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.250511 / -72.884544	NWI
25 NE 1/2-1 mi 3859	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.255238 / -72.887100	NWI
26 NNE 1/2-1 mi 3871	E2EMP5d [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline, [d] Partially Drained/Ditched Lat/Lon: 41.256577 / -72.889542	NWI

*See Wetland Classification System for additional information.

WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
27 ENE 1/2-1 mi 3990	PFO1/SS1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous / , [SS] Scrub-Shrub, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated Lat/Lon: 41.253075 / -72.884064	NWI
28 East 1/2-1 mi 4366	PFO1E [P] Palustrine, [FO] Forested, [1] Broad-Leaved Deciduous, [E] Seasonally Flooded/Saturated Lat/Lon: 41.247116 / -72.880524	NWI
29 NE 1/2-1 mi 4637	E2EMP5 [E] Estuarine, [2] Intertidal, [EM] Emergent, [P] Irregularly Flooded, [5] Mesohaline Lat/Lon: 41.255932 / -72.884010	NWI
30 NNE 1/2-1 mi 4701	PEM1Ed [P] Palustrine, [EM] Emergent, [1] Persistent, [E] Seasonally Flooded/Saturated, [d] Partially Drained/Ditched Lat/Lon: 41.259220 / -72.889870	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 2 Deciduous 3 Needle-Leaved 4 Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Deciduous 3 Needle-Leaved 4 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
BOTTOMUB-UNCONSOLIDATED
BOTTOM

*SB-STREAMBED

AB-AQUATIC BED

RS-ROCKY
SHOREUS-UNCONSOLIDATED
SHORE

**EM-EMERGENT

OW-OPEN WATER/
Unknown Bottom**Subclass**1 Bedrock
2 Rubble1 Cobble-Gravel
2 Rubble
3 Mud
4 Organic1 Bedrock
2 Aquatic Moss
3 Rooted Vascular
4 Sand
5 Mud
6 Organic
7 Vegetated1 Bedrock
2 Rubble1 Cobble-Gravel
2 Sand
3 Mud
4 Organic
5 Vegetated

* 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
BOTTOMUB-UNCONSOLIDATED
BOTTOM

AB-AQUATIC BED

OW-OPEN WATER/
Unknown Bottom**Subclass**1 Bedrock
2 Rubble1 Cobble-Gravel
2 Sand
3 Mud
4 Organic1 Algal
2 Aquatic Moss
3 Rooted Vascular
4 Floating Vascular
5 Unknown Submergent
6 Unknown Surface**SUBSYSTEM****2 - LITTORAL****CLASS**RB-ROCK
BOTTOMUB-UNCONSOLIDATED
BOTTOMAB-AQUATIC
BEDRS-ROCKY
SHOREUS-UNCONSOLIDATED
SHORE

EM-EMERGENT

OW-OPEN WATER/
Unknown Bottom**Subclass**1 Bedrock
2 Rubble1 Cobble-Gravel
2 Sand
3 Mud
4 Organic1 Algal
2 Aquatic Moss
3 Rooted Vascular
4 Floating Vascular
5 Unknown Submergent
6 Unknown Surface1 Bedrock
2 Rubble1 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 Submergent 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 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

MODIFIERS

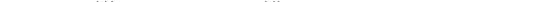
In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY				SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal	Halinity	Inland	Salinity	pH	Modifiers for		
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline		all Fresh Water		
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			6 Oligohaline				i Artificial Substrate	
G Intermittently Exposed	U Unknown			0 Fresh				j Spoil	
								x Excavated	
				*These water regimes are only used in tidally influenced, freshwater systems.					

FCC & FAA Sites Map



Sites



SITE NAME: 1-99 SIBLEY LN
ADDRESS: 1-99 SIBLEY LN
East Haven CT 06512
LAT/LONG: 41 2473 / 72 8964

CLIENT: Freeman Companies LLC
CONTACT: Doug Brink
INQUIRY #: 4130343.5s
DATE: November 10, 2014

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
1 WNW 1/4-1/2 mi 2119	DOF130000184522 NOAA_DOF
Dof 1310: 184522	
Dof 1310 id: 184522	
Ors num: 09-020278	
Verificati: O	
Country: US	
State: CT	
City name: NEW HAVEN	
Latitude: 41.248967	
Longitude: -72.903778	
Obs type: LGTHOUSE	
Quantity: 1	
Agl ht: 75	
Amsl ht: 94	
Lighting: U	
H acc: 1	
V acc: A	
Mark: U	
Faa study: Not Reported	
Action: A	
Jdate: 2010277	
Edr id: DOF130000184522	

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
2 NE 1/4-1/2 mi 2578	DOF130000184567 NOAA_DOF
Dof 1310: 184567	
Dof 1310 id: 184567	
Ors num: 09-020265	
Verificati: O	
Country: US	
State: CT	
City name: NEW HAVEN	
Latitude: 41.252292	
Longitude: -72.889756	
Obs type: POLE	
Quantity: 1	
Agl ht: 26	
Amsl ht: 45	
Lighting: U	
H acc: 1	
V acc: A	
Mark: U	
Faa study: Not Reported	
Action: A	
Jdate: 2010277	
Edr id: DOF130000184567	

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
3 NNE 1/2-1 mi 3184	DOF130000184614 NOAA_DOF
Dof 1310: 184614	
Dof 1310 id: 184614	
Ors num: 09-020394	
Verificati: O	
Country: US	
State: CT	
City name: NEW HAVEN	
Latitude: 41.254908	
Longitude: -72.890697	
Obs type: POLE	
Quantity: 1	
Agl ht: 30	
Amsl ht: 62	
Lighting: U	
H acc: 1	
V acc: A	
Mark: U	
Faa study: Not Reported	
Action: A	
Jdate: 2010286	
Edr id: DOF130000184614	

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
4 NNNE 1/2-1 mi 3594	DOF130000184636 NOAA_DOF
Dof 1310: 184636	
Dof 1310 id: 184636	
Ors num: 09-020585	
Verificati: O	
Country: US	
State: CT	
City name: NEW HAVEN	
Latitude: 41.255931	
Longitude: -72.890069	
Obs type: POLE	
Quantity: 1	
Agl ht: 16	
Amsl ht: 42	
Lighting: U	
H acc: 1	
V acc: A	
Mark: U	
Faa study: Not Reported	
Action: A	
Jdate: 2010286	
Edr id: DOF130000184636	

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
5 ENE 1/2-1 mi 4181	ANT130000095501 ANTREG
Regnum: 1252669	
Filenum: A0639782	
Issuedate: 5/28/2009	
Entity: TowerCo Assets LLC	
Strucht: 21.9	
Strucadd: 60 Commerce Street, CT3672-CT70XC121	
Struccity: East Haven	
Strucstate: CT	
Faastudy: 2008-ANE-396-OE	
Faacirc: Not Reported	
Licid: L01469668	
Contname: Susan Hart	
Contadd: 5000 Valleystone Drive, Suite 200	
Contpo: Not Reported	
Contcity: Cary	
Contstate: NC	
Contzip: 27519	
Edr id: ANT130000095501	

This record is for a license, and it may or may not indicate a site which has been built.

A6 NNE 1/2-1 mi 4670	DOF13000184720 NOAA_DOF
Dof 1310: 184720	
Dof 1310 id: 184720	
Ors num: 09-020499	
Verificati: O	
Country: US	
State: CT	
City name: NEW HAVEN	
Latitude: 41.258839	
Longitude: -72.889008	
Obs type: TOWER	
Quantity: 1	
Agl ht: 3	
Amsl ht: 25	
Lighting: U	
H acc: 1	
V acc: A	
Mark: U	
Faa study: Not Reported	
Action: A	
Jdate: 2010286	

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
Edr id:	DOF130000184720
A7 NNE 1/2-1 mi 4694	DOF130000184726 NOAA_DOF
Dof 1310:	184726
Dof 1310 id:	184726
Ors num:	09-020498
Verificati:	O
Country:	US
State:	CT
City name:	NEW HAVEN
Latitude:	41.258919
Longitude:	-72.889031
Obs type:	POLE
Quantity:	1
Agl ht:	9
Amsl ht:	32
Lighting:	U
H acc:	1
V acc:	A
Mark:	U
Faa study:	Not Reported
Action:	A
Jdate:	2010286
Edr id:	DOF130000184726

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID Direction Distance Distance (ft.)	EDR ID Database
8 NNE 1/2-1 mi 4705	TOW100000057898 TOWER
Tower id: 43273	
City: NEW HAVEN	
Date active: Feb 3 1972	
Date const: Not Reported	
Date faa: Jan 19 1972	
Date fcc: Not Reported	
Hgt antenna: 0.0000	
Hgt antenna (M): 0.0000	
Hgt beacon: 0.0000	
Hgt beacon (M): 0.0000	
Elevation: 40.0000	
Elev FAA: 40.0000	
Elev FAA (M): 12.2000	
Elev (M): 12.2000	
Hgt structure: 30.0000	
Hgt struc faa: 30.0000	
Hgt stru faa (M): 9.1000	
Hgt struc (M): 9.1000	
Supporting Struc Hgt: 0.0000	
Supp. Struct Hgt (M): 0.0000	
Tower Hgt: 0.0000	
Tower (M): 0.0000	
Id asb acc: C	
Faa id: 72-NE-7-OE	
File num: 12025-LA-12	
Name owner: Not Reported	
State: CT	
Address: 25 TOWNSHEND AVE	
Action: OLD	
Type stru: TOW	
Type tower: E	
Key site: 55389	
Id exam: Not Reported	
Xmit lat: 411534	
Xmit long: 0725329	
Lat deg: 41	
Lat min: 15	
Lat sec: 34	
Lat second: 148534	
Long deg: 72	
Long min: 53	
Long sec: 29	
Long secon: 262409	
Key rem: Not Reported	
The date: Not Reported	
Type pl: Not Reported	
Spec cond1: Not Reported	

FCC & FAA SITES MAP FINDINGS

TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

Spec cond2: Not Reported
Remarks: Not Reported
Edr id: TOW100000057898

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS

AIRPORTS

EDR ID
Database

AIR02989
AIRPORTS

Rec type: APT
Site number: 02858.*A
Airport type: AIRPORT
State: CONNECTICUT
County: NEW HAVEN
City: NEW HAVEN
Facility: TWEED-NEW HAVEN
Owner type: PU
Use: PU
Owner: CITY OF NEW HAVEN
Owner address: 770 CHAPEL STREET
City/State: NEW HAVEN, CT 06510
Phone: 203-946-8222
Mgmt name: RICHARD LAMPOR
Mgmt address: 155 BURR ST
Mgmt city: NEW HAVEN, CT 06512
Mgmt phone: 203-466-8833
Latitude: 41-15-50.036N
Longitude: 072-53-13.560W
Latlong method: E
Elev ft: 14
Elev method: S
Aero chart: NEW YORK
Dist from Biz: 03
Direc from Biz: SE
Date Active: 12/1903
Date Certified: AS 05/1973
Fed agreements: NGY3
Intl airport?: N
Customs airport?: Y
Inspection Method: F
Inspected by: F
Last inspected: 09161999
Attendance: ALL/ALL/0600-2030
Lighting: ATC-CTL
Atc tower?: Y
Beacon color: CG
Land fee: Y
Single engine: 062
Multi engine: 009
Jet engines: 001
Helicopters: Not Reported
Gliders: Not Reported
Military: Not Reported
Ulight air: Not Reported
Commercial: 006349
Air taxi: 011293
Local ops: 025069
Edr id: AIR02989
Rec type: RWY

FCC & FAA SITES MAP FINDINGS

AIRPORTS

EDR ID
Database

Lf site nu:	02858.*A
Runway id:	02/20
Runway length:	5600
Runway width:	150
Surface:	ASPH
Lights intensity:	HIGH
Base end id:	02
Markings:	PIR
Latitude:	41-15-21.782N
Longitude:	072-53-17.679W
Elevation:	7.5
Approach lights:	MALSF
End lights:	Not Reported
Centerline lights:	Not Reported
Touchdown lights:	Not Reported
Recip end id:	20
Recip markings:	NPI
Recip lat:	41-16-17.040N
Recip long:	072-53-13.951W
Recip elev:	13.0
Reci app lights:	Not Reported
Recip end lights:	Not Reported
Reci center lights:	Not Reported
Recip td lights:	Not Reported
Rec type:	RWY
Lf site nu:	02858.*A
Runway id:	14/32
Runway length:	3175
Runway width:	100
Surface:	ASPH
Lights intensity:	MED
Base end id:	14
Markings:	BSC
Latitude:	41-16-01.465N
Longitude:	072-53-25.228W
Elevation:	6.1
Approach lights:	Not Reported
End lights:	Not Reported
Centerline lights:	Not Reported
Touchdown lights:	Not Reported
Recip end id:	32
Recip markings:	BSC
Recip lat:	41-15-40.812N
Recip long:	072-52-53.937W
Recip elev:	5.0
Reci app lights:	Not Reported
Recip end lights:	Not Reported
Reci center lights:	Not Reported
Recip td lights:	Not 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

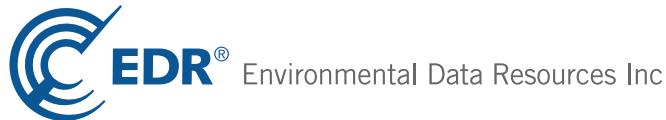
STREET AND ADDRESS INFORMATION

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1-99 SIBLEY LN
1-99 SIBLEY LN
East Haven, CT 06512

Inquiry Number: 4130343.2s
November 10, 2014

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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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

1-99 SIBLEY LN
NEW HAVEN County, CT 06512

COORDINATES

Latitude (North):	41.2473000 - 41° 14' 50.28"
Longitude (West):	72.8964000 - 72° 53' 47.04"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	676263.1
UTM Y (Meters):	4568132.0
Elevation:	9 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41072-B8 WOODMONT, CT
Most Recent Revision:	1976
North Map:	41072-C8 NEW HAVEN, CT
Most Recent Revision:	1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120712
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 - equivalent CERCLIS

SHWS..... Inventory of Hazardous Disposal Sites
SDADB..... Site Discovery and Assessment Database

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

UST..... Underground Storage Tank Data

EXECUTIVE SUMMARY

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
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

EXECUTIVE SUMMARY

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
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.

EXECUTIVE SUMMARY

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.

STANDARD ENVIRONMENTAL RECORDS

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 is 1 LUST 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>
<i>DELANDRA RESIDENCE</i>	<i>12 ANTHONY DRIVE</i>	<i>NNE 1/4 - 1/2 (0.409 mi.)</i>	<i>1</i>	<i>7</i>

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 is 1 CPCS 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>
<i>DELANDRA RESIDENCE</i>	<i>12 ANTHONY DRIVE</i>	<i>NNE 1/4 - 1/2 (0.409 mi.)</i>	<i>1</i>	<i>7</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
REAR OF EDAL INDUSTRIES MORRIS CREEK, ECO UNIT 28, SUB 1, EAST HAVEN BULKY WASTE SITE OLD EAST HAVEN DUMP	LUST, CPCs FINDS ODI SDADB

OVERVIEW MAP - 4130343.2S



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

0 1/4 1/2 1 Miles

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: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.2s
 DATE: November 10, 2014 4:01 pm

DETAIL MAP - 4130343.2S



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

0 1/16 1/8 1/4 Miles

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: 1-99 SIBLEY LN
 ADDRESS: 1-99 SIBLEY LN
 East Haven CT 06512
 LAT/LONG: 41.2473 / 72.8964

CLIENT: Freeman Companies LLC
 CONTACT: Doug Brink
 INQUIRY #: 4130343.2s
 DATE: November 10, 2014 4:03 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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
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
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
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
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
SDADB	0.500		0	0	0	NR	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	0	NR	NR	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
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
<i>State and tribal institutional control / engineering control registries</i>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
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
<i>Local Land Records</i>								
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
<i>Records of Emergency Release Reports</i>								
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
<i>Other Ascertainable Records</i>								
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	0	1	NR	NR	1
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
CPCS EPA ID Number

1 NNE 12 ANTHONY DRIVE
1/4-1/2 NEW HAVEN, CT 06510
0.409 mi.
2158 ft.

LUST S105456666
CPCS N/A

Relative: LUST:
Higher LUST Id: 1331
UST Facility Id: Not reported
Actual: LUST Case Id: 29440
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: 1996-01-05 00:00:00
Entry Date: Not reported
Site Case Id: Not reported
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: 1330
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: 93
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

DELANDRA RESIDENCE (Continued)

S105456666

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
OCSRD Complete: False
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
Resp Party Phone 2: Not reported
Investigator Id: 28
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 Outlaid: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

DELANDRA RESIDENCE (Continued)

S105456666

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
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: Not reported
Work Performed: Not reported

CPCS:

Site Type: LUST
Lust Status: LUST Completed (DEP's significant hazard definition)
PTP Form: Not reported
Program: Not reported
Comments: Not reported
Site Type Definition: Leaking Underground Storage Tanks Completed

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EAST HAVEN	S104239588	REAR OF EDAL INDUSTRIES	SHORT BEACH ROAD	06512	LUST, CPCs
EAST HAVEN	S104253725	OLD EAST HAVEN DUMP	SILVER SANDS ROAD		SDADB
EAST HAVEN	1007443915	EAST HAVEN BULKY WASTE SITE	SILVER SANDS ROAD		ODI
NEW HAVEN	1014875714	MORRIS CREEK, ECO UNIT 28, SUB 1,	MORRIS CREEK, ECO UNIT 28, SUB		FINDS

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	EPA Region 6
Telephone 617-918-1143	Telephone: 214-655-6659

EPA Region 3	EPA Region 7
Telephone 215-814-5418	Telephone: 913-551-7247

EPA Region 4	EPA Region 8
Telephone 404-562-8033	Telephone: 303-312-6774

EPA Region 5	EPA Region 9
Telephone 312-886-6686	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 Lisitng

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	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/05/2014	Telephone: 860-424-3361
Date Made Active in Reports: 09/10/2014	Last EDR Contact: 10/06/2014
Number of Days to Update: 36	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	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/09/2014	Telephone: 202-307-1000
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/03/2014
Number of Days to Update: 41	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 37	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	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/23/2014	Telephone: 860-424-3120
Date Made Active in Reports: 06/03/2014	Last EDR Contact: 08/14/2014
Number of Days to Update: 11	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	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: 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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
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: Steam-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 1931and 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
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
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
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
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
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: 860-424-3766
Last EDR Contact: 10/17/2014
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
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
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
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
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

Source: EDR, Inc.

Date Data Arrived at EDR: N/A

Telephone: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: 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

Source: EDR, Inc.

Date Data Arrived at EDR: N/A

Telephone: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: 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

Source: EDR, Inc.

Date Data Arrived at EDR: N/A

Telephone: N/A

Date Made Active in Reports: N/A

Last EDR Contact: N/A

Number of Days to Update: 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 known 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
1 Sibley Lane
East Haven, Connecticut

Lothrop Associates, LLP
White Plains, New York

December 2014



Fuss & O'Neill EnviroScience, LLC
56 Quarry Road
Trumbull, CT 06611



December 9, 2014

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
1 Sibley Lane, East Haven, Connecticut**
Fuss & O'Neill EnviroScience Project No. 20140370.B7E
Lothrop Associates Project No. 1524-21

Dear Mr. Seckler:

Enclosed is the report for the limited hazardous materials building inspection performed at 1 Sibley Lane in East Haven, Connecticut.

The initial inspection was performed on November 26, 2014, and November 28, 2014, by Fuss & O'Neill EnviroScience, LLC state-licensed inspectors and included an asbestos inspection, testing for lead-based paint, airborne radon gas sampling, and a mold assessment.

The information summarized in this document is for the above-mentioned 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.

Sincerely,

A handwritten signature in blue ink that appears to read "Kevin J. McCarthy".

Kevin J. McCarthy
Project Manager

A handwritten signature in blue ink that appears to read "Timothy M. Downey".

Timothy M. Downey
Senior Project Manager

56 Quarry Road
Trumbull, CT
06611
t 203.374.3748
800.286.2469
f.203.374.4391
www.fando.com

Connecticut
Massachusetts
Rhode Island
South Carolina



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Lothrop Associates, LLP
1 Sibley Lane, East Haven, Connecticut**

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1 Introduction

On November 26, 2014, and November 28, 2014, Fuss & O'Neill EnviroScience, LLC (EnviroScience) Environmental Technicians, Mr. Robert Hobbins and Mr. James Blum, performed a limited hazardous materials building inspection of the residential structure located at 1 Sibley Lane in East Haven, Connecticut (the "Site"). Mr. Hobbins is State of Connecticut-licensed Asbestos Consultant - Inspector and Licensed Lead Paint Inspector. Mr. Blum is a State of Connecticut-licensed Asbestos Consultant – Inspector and Lead Inspector/Risk Assessor. The residential structure was occupied at the time and date of the inspection. Refer to *Appendix A* for EnviroScience inspector's state licenses and accreditations.

This inspection was performed in response to the planned renovations to damaged or impacted areas of the Site building and garage caused by Superstorm Sandy, as identified in the *Initial Property Inspection Report* dated March 27, 2014, and revised April 23, 2014, provided by Lothrop Associates. The limited inspection consisted of the following:

- A inspection for asbestos-containing materials (ACM) associated with the raising of the structure to proper flood elevation and first floor fit-out;
- Testing of painted surfaces coated with lead-based paint (LBP);
- Airborne radon gas assessment; and
- A mold assessment.

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 located at Title 40 CFR, Part 61, Subpart 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 pipe fitting insulations. Surfacing ACM includes all ACM that is applied by spray or trowel, 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 and analyzed, but recommends the use of sampling protocols included in EPA Title 40 CFR, Part 763, Subpart E - Asbestos Containing Materials in Schools regulation.

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-applied 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 or 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 Consultants – Inspectors collected samples and prepared proper chain-of-custody forms for transmission of samples to a Connecticut-licensed analytical laboratory for analysis by Polarized Light Microscopy (PLM). The sampling locations, material type, asbestos content, quantity, and sample identification are identified by bulk sample analysis in *Table 1* of the “Results” section. Suspect materials observed on 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 PLM analytical results for asbestos bulk samples and chain-of-custody forms.

2.2 Results

Utilizing the EPA protocol and criteria, the following materials were identified as ACM:

Table 1
Asbestos-Containing Materials

Location	Material Type	Asbestos Content	Estimated Quantity	Sample No.
Living Room, Kitchen, Garage, Bedroom, 2 nd Floor Bathroom, & 2 nd Floor Storage Room	White Taping/Joint Compound on Walls and Ceilings	2% Chrysotile	1,500 SF	1126JB-03A
Room 1, & 2 nd Floor Storage Room	Interior Black Tar at Old Roof Line	10% Chrysotile	40 LF	1126JB-05A

Notes: SF = Square Feet

LF = Linear Feet

Utilizing the EPA protocol and criteria, the following suspect ACM were determined to be **non-ACM**:

Table 2
Non-Asbestos-Containing Materials

Location	Material Type	Sample No.
Living Room	White Textured Ceiling Paint*	1126JB-01A-E
Living Room, Kitchen, Garage, Bedroom, 2 nd Floor Bathroom, & 2 nd Floor Storage Room	Gray Sheetrock*	1126JB-02A-B
1 st Floor Bathroom	Gray Thinset beneath Bathtub	1126JB-06A-B
Room 2	Red/Black Old Insulation Backing	1126JB-07A-B
Exterior Foundation	Gray Concrete Foundation	1126JB-08A-B

NOTE: * Material is considered asbestos-contaminated & must be managed/disposed as ACM.

2.3 Discussion

The EPA defines any material that contains greater than one percent (> 1%) asbestos, utilizing PLM as ACM. Materials that are identified as “none detected” are specified as not containing asbestos.

2.4 Conclusions & Recommendations

ACM was identified at the Site building. ACM identified *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 requirement (Standards for Asbestos Abatement).

The white taping/joint compound was identified as containing asbestos in concentrations greater than 1%. Composite sampling of the sheetrock and joint/taping compounds were determined to contain < 1% asbestos. Based on the composite sampling performed, the sheetrock and joint/taping compounds are not regulated but the CTDPH or EPA; however the materials are regulated by OHSA. The materials should be removed under controlled conditions (negative air, critical barriers, water, worker decontamination units, etc.). These materials should then be removed from inside the building using leak/air tight containers. The waste may be disposed as construction/demolition debris.

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 November 26, 2014, and November 28, 2014, Mr. Blum 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 United States Department of Housing and Urban Development (HUD) Lead-Safe Housing Rule (Title 24 CFR, Part 35, Subparts B-R).

3.1 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 purpose of this testing was to identify patterns and trends in the painting history of the buildings to determine if the EPA Toxicity Characteristic Leaching Procedure (TCLP) analysis is required for demolition debris prior to off-site disposal.

The structure is a split-level dwelling with two livable floor areas. The exterior consists of wood siding with wood/vinyl windows and door systems. The interior is primarily wood-framed on the main floor, sheetrock walls/ceiling on the 2nd floor with wood floors, and wood/vinyl interior windows and door

systems. There were no children under the age of six present within the residence at time of the inspection.

3.2 XRF Testing Results

The testing indicated consistent painting trends throughout the building interiors and exteriors. The following painted building components were determined to contain toxic levels of lead (greater than 1.0 milligrams of lead per square centimeter [mg/cm²] of paint):

Table 3
Lead-Painted Building Components

Building Component	Location	Reading (mg/cm ²)	Defective?
Green Wood Wall Frame	Main Floor, Rooms 1 & 2	1.1 – 2.8	No
White Interior Wood Window Lintel	Main Floor, Room 1	1.5	No
White Metal Hand Rail	2 nd Floor, Common Room	1.6	No

The lead testing field data sheets and diagrams are provided as *Appendix D* of this report.

3.3 Lead in Dust Wipe Results

Representative lead dust wipe samples were collected inside the Site building 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*
1126JB-01	Room 2, Window Sill	<40 µg/ft ²
1126JB-02	Room 2, Floor	<10 µg/ft ²
1126JB-03	Room 1, Floor	19 µg/ft ²
1126JB-04	Living Room, Window Sill	<40 µg/ft ²
1126JB-05	Living Room, Floor	<10 µg/ft ²
1126JB-06	Bedroom, Floor	<10 µg/ft ²
1126JB-07	2 nd Floor Bathroom, Floor	<10 µg/ft ²
1126JB-08	Filed Blank	<10 µg/wipe

Note: Interior window sills did not exist within some window systems observed at the Site.

*µg/ft² = micrograms per square foot



Dust wipe samples were collected from window wells and floor locations as delineated on our chain-of-custody forms. The dust wipe sampling was conducted in accordance with the protocol outlined in the document “Lead Testing Procedures and Equipment” (*Appendix C*). Sample results were compared to CTDPH standards for dust as follows:

- 40 $\mu\text{g}/\text{ft}^2$ - for floors; and
- 250 $\mu\text{g}/\text{ft}^2$ - for window sills.

Lead in dust sample results chain-of-custody form are provided in *Appendix E* of this report.

3.4 Lead in Soil Results

No bare soil conditions were identified along the exterior building drip line; therefore, lead content in soil was not assessed.

3.5 Lead in Drinking Water Results

Representative drinking water samples (first draw and ten-minute flush) were collected from the bathroom faucet to evaluate whether a lead in drinking water hazard exists at the Site building.

The analytical results of the two water samples indicate concentrations of lead below the EPA reporting limit of 0.015 milligrams per liter (mg/L) for lead in drinking water.

Lead in drinking water sample results and chain-of-custody form are provided as *Appendix F* in this report.

3.6 Conclusions and Recommendations

The following building components were determined to be coated with toxic levels of lead in paint:

- Green Wood Wall Frame;
- White Interior Wood Window Lintel; and
- White Wood Hand Rail

The current Site building occupants indicated to the EnviroScience technicians that sheetrock would be installed over the interior wall frames and interior window lintels without disturbing the materials. As LBP-coated building materials are not defective, abatement of the LBP is not required.

Neither a lead in dust hazard, nor a lead in drinking water hazard exist in the areas tested.

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/cm² 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 coated 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 Mold Visual Assessment

On November 26, 2014, EnviroScience representatives Mr. Hobbins and Mr. Blum performed a visual assessment for the presence of suspect mold and water intrusion.

Bulk samples of visible suspect mold growth were collected for analysis via direct microscopic 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. The sample analysis was performed at EMSL Analytical, Inc. of Cinnaminson, New Jersey.

4.1 Observations

Suspect mold growth was identified on the Garage wall behind the heating unit. The suspect mold growth was determined by laboratory analysis to contain low levels of *Chaetomium* and high levels of *Stachybotrys* in the bulk sample collected.

Refer to *Appendix G* for mold sample results and chain-of-custody form.

4.2 Conclusions and Recommendations

Visible mold growth was observed on the wall behind the heating unit in the Garage. Sample analysis indicated the species of mold types present. Potential exposure to mold during renovation is presumed. Appropriate worker protection, use of engineering controls, and surface mold treatment on building materials that will 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.

5 Airborne Radon Gas Information, Sampling and Procedure

5.1 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 gas 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 determined that radon gas concentrations in outdoor air average approximately 0.4 picoCuries per liter of air (pCi/L). However, radon and its decay products can accumulate to a much higher concentration inside a building. The EPA has adopted a recommended 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 gas is present in a building is to test the air for radon gas. Each frequently occupied room that is in contact with the lowest living level of the building 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 gas is the second-leading cause of lung cancer deaths after smoking, and is the leading cause among non-smokers.

5.2 Airborne Radon Gas Sampling Methodology

From November 26, 2014, to November 28, 2014, EnviroScience representative Mr. Hobbins and Mr. Blum deployed passive radon gas detection canisters in limited areas within the Site structure. The canisters were retrieved by Mr. Blum 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 results and chain-of-custody form are included in *Appendix H*.

5.3 Airborne Radon Gas 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 gas sampling procedures. Blanks are unopened, unexposed canisters that are deployed with and shipped with the exposed canisters, so the processing laboratory treats them without bias. The number of blanks is at least five percent of the total number of canisters deployed, up to a maximum of 25 canisters.

5.4 Airborne Radon Gas Analytical Results

Four canisters, including one duplicate and one blank, were placed in target locations within the structure during sampling that was performed November 26, 2014, to November 28, 2014. The radon gas concentrations in the samples collected during the assessment ranged from 0.1 pCi/L to 0.2 pCi/L. The EPA threshold for radon gas is 4.0 pCi/L.

In *Table 5* below, the locations and results of quality control duplicate tests are listed for the sampling conducted from November 26, 2014, to November 28, 2014:



Table 5
Duplicate Samples Results – November 26, 2014 – November 28, 2014

Location	Canister Numbers	Radon Concentration (pCi/Liter)			Relative Percent Difference (RPD, %)
		Sample	Sample Duplicate	Sample Average	
Kitchen	2357394, 2346464	0.1	0.1	0.1	Percent Difference Not Needed (No Concentrations above 4.0 pCi/Liter)

Note Duplicate testing results were satisfactory.

In *Table 6* below, the locations and results of quality control blank tests are listed for sampling conducted from November 26, 2014, to November 28, 2014:

Table 6
Blank Samples Results – November 26, 2014 – November 28, 2014

Location	Canister Numbers	Radon Concentration (pCi/Liter)
Living Room	2346468	0.1

Note Blank testing results were satisfactory

In *Table 7* below, the locations, canister numbers, and radon concentrations are listed for the airborne radon assessment conducted from November 26, 2014, to November 28, 2014:

Table 7
Radon Sampling Results – November 26, 2014 – November 28, 2014

Location	Canister Numbers	Radon Concentration (pCi/Liter)
Living Room	2346457	0.2
Kitchen	2357394	0.1

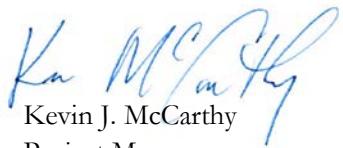
5.5 Conclusions and Recommendations

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.

Sites photograph are provided in *Appendix I*.

Report prepared by Environmental Technician Mr. James Blum.

Reviewed by:



Kevin J. McCarthy
Project Manager



Timothy M. Downey
Senior Project Manager

Appendix A

Fuss & O'Neill EnviroScience Inspector State Licenses and Accreditations

0001088 FP **PRSR T5 0 0564 06040

JOHN R. HOBINS
C/O FUSS & O'NEILL ENVIROSCIENCE, LLC
146 HARTFORD ROAD
MANCHESTER CT 06040

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

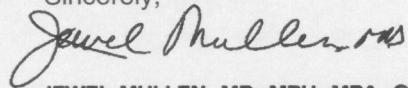
P.O. Box 340308

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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DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT - INSPECTOR

JOHN R. HOBINS


SIGNATURE


COMMISSIONER

LICENSE NO.
000700
CURRENT THROUGH
01/31/15
VALIDATION NO.
03-708142

EMPLOYER'S COPY

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
JOHN R. HOBINS
LICENSE NO.
000700
CURRENT THROUGH
01/31/15
PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

 
SIGNATURE COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
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000700
CURRENT THROUGH
01/31/15
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

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, 2014

Examination Date

September 3, 2015

Expiration Date

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



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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	CERTIFICATE NO. 000841	CURRENT THROUGH 11/30/15
VALIDATION NO. 03-119676	PROFESSION ASBESTOS CONSULTANT-INSPECTOR	
SIGNATURE		COMMISSIONER

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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SIGNATURE		COMMISSIONER

JAMES B BLUM

CERTIFICATE NO.
000841

CURRENT THROUGH
11/30/15

VALIDATION NO.
03-119676

SIGNATURE

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
JAMES B BLUM

CERTIFICATE NO.
000841

CURRENT THROUGH
11/30/15

VALIDATION NO.
03-119676

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

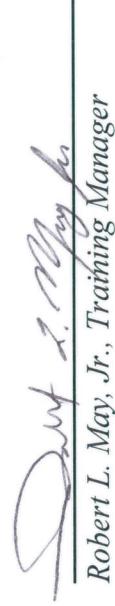
xxx-xx-1625

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, 2014

Examination Date

September 3, 2015

Expiration Date

JAMES B BLUM
 FUSS & O'NEILL ENVIROSCIENCE LLC
 146 HARTFORD RD
 MANCHESTER, CT 06040-5992

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 Hartford, CT 06134-0308

(860) 509-7603

<http://www.dph.state.ct.us>

Sincerely,

Jewel Mullen, MD

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

James Blum
 SIGNATURE

Jewel Mullen, MD
 COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC HEALTH

NAME
 JAMES B BLUM

VALIDATION NO. CERTIFICATION NO. CURRENT THROUGH
 DUPLICATE 2256 11/30/2015
 PROFESSION

Lead Inspector Risk Assessor

James Blum *Jewel Mullen, MD*
 SIGNATURE SIGNATURE
 COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT
 DEPARTMENT OF PUBLIC HEALTH

NAME
 JAMES B BLUM

VALIDATION NO. CERTIFICATION NO. CURRENT THROUGH
 DUPLICATE 2256 11/30/2015
 PROFESSION

Lead Inspector Risk Assessor

James Blum *Jewel Mullen, MD*
 SIGNATURE 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

Robert L. May, Jr., Training Manager

February 20 & 25, 2014

Date of Course

LIRA-R-02/14-3

Certificate Number

February 25, 2014

Examination Date

February 25, 2015

Expiration Date

Appendix B

Asbestos Sample Results and Chain-of-Custody Forms

OrderID: 041435258



56 Quarry Road, Trumbull, CT 066611

ENVI54

041435258

www.fando.com

Phone (203) 374-3748 Fax (203) 374-4391

ASBESTOS BULK SAMPLE CHAIN OF CUSTODY FORM

Sheet 1 of 2

Project Name: Lothrop - Storm Sandy - 1 Sibley Lane Project No. 20140370.B7E Date: November 26, 2014

Site Address: 1 Sibley Lane, East Haven, CT Project Manager: Kevin McCarthy

Sample ID	Sample Location	Type of Material
1126JB-01A	Living Room	White Textured Ceiling Paint
1126JB-01B	Living Room	White Textured Ceiling Paint
1126JB-01C	Living Room	White Textured Ceiling Paint
1126JB-01D	Living Room	White Textured Ceiling Paint
1126JB-01E	Living Room	White Textured Ceiling Paint
1126JB-02A	Living Room	Gray Sheetrock
1126JB-02B	Living Room	Gray Sheetrock
1126JB-03A	Living Room	White Joint/Taping Compound
1126JB-03B	Living Room	White Joint/Taping Compound
1126JB-04	Living Room	Sheetrock & Joint/Taping Compound Composite
1126JB-05A	Room 1	Interior Black Tar at Old Roof Line
1126JB-05B	Room 1	Interior Black Tar at Old Roof Line
1126JB-06A	1st Floor Bathroom	Gray Thinset Under Bathtub
1126JB-06B	1st Floor Bathroom	Gray Thinset Under Bathtub
1126JB-07A	Room 2	Red/Black Old Insulation Backing

Analysis Method: PLM TEM Other Turnaround Time: 48 HoursBased on the turnaround time indicated above, analyses are due to EnviroScience on or before this date: 11-26-14 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: 18

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: JB/LM Date: 11-26-14 Time: 0900Samples Sent by: JB/LM Date: 11-26-14 Time: 1400Samples Received by: DMB-FX Date: 11-29-14 Time: 10AShipped To: EMSL State NJ Other _____Method of Shipment: FedEx Lab Drop Off Other _____

FX-8043-3951-3363

18

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnashlab@EMSL.com

EMSL Order: 041435258

CustomerID: ENVI54

CustomerPO: 20140370.B7E

ProjectID:

Attn: **Kevin McCarthy**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469
Fax: (888) 838-1160
Received: 11/29/14 10:00 AM
Analysis Date: 12/2/2014
Collected: 11/26/2014

Project: Lothrop-Storm Sandy-1 Sibley Lane, East Haven, 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
1126JB-01A 041435258-0001	Living Room - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-01B 041435258-0002	Living Room - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-01C 041435258-0003	Living Room - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-01D 041435258-0004	Living Room - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-01E 041435258-0005	Living Room - White Textured Ceiling Paint	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-02A 041435258-0006	Living Room - Gray Sheetrock	Brown/White Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other)	None Detected
1126JB-02B 041435258-0007	Living Room - Gray Sheetrock	Brown/White Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other)	None Detected
1126JB-03A 041435258-0008	Living Room - White Joint / Taping Compound	Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2%	Chrysotile
1126JB-03B 041435258-0009	Living Room - White Joint / Taping Compound				Stop Positive (Not Analyzed)	

Analyst(s)

Michael Garrity (11)

Thomas Schwab (5)

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 12/02/2014 14:38:05


EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (656) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041435258
 CustomerID: ENVI54
 CustomerPO: 20140370.B7E
 ProjectID:

Attn: **Kevin McCarthy**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469
 Fax: (888) 838-1160
 Received: 11/29/14 10:00 AM
 Analysis Date: 12/2/2014
 Collected: 11/26/2014

Project: Lothrop-Storm Sandy-1 Sibley Lane, East Haven, 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
1126JB-04 041435258-0010	Living Room - Sheetrock & Joint / Taping Compound Composite	Brown/White Fibrous Heterogeneous	12% Cellulose	88% Non-fibrous (other)		None Detected
Sample is composite of joint compound and drywall.						
1126JB-05A 041435258-0011	Room 1 - Interior Black Tar at Old Roof Line	Black Non-Fibrous Homogeneous		90% Non-fibrous (other)	10%	Chrysotile
1126JB-05B 041435258-0012	Room 1 - Interior Black Tar at Old Roof Line				Stop Positive (Not Analyzed)	
1126JB-06A 041435258-0013	1st Floor Bathroom - Gray Thinset under Bathtub	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-06B 041435258-0014	1st Floor Bathroom - Gray Thinset under Bathtub	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-07A 041435258-0015	Room 2 - Red / Black Old Insulation Backing	Red/Black Fibrous Heterogeneous	60% Cellulose 5% Glass	35% Non-fibrous (other)		None Detected
1126JB-07B 041435258-0016	Room 2 - Red / Black Old Insulation Backing	Red/Black Fibrous Homogeneous	70% Cellulose 5% Glass	25% Non-fibrous (other)		None Detected

Analyst(s)

Michael Garrity (11)
 Thomas Schwab (5)

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 12/02/2014 14:38:05

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (866) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order:	041435258
CustomerID:	ENVI54
CustomerPO:	20140370.B7E
ProjectID:	

Attn: **Kevin McCarthy**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469
Fax: (888) 838-1160
Received: 11/29/14 10:00 AM
Analysis Date: 12/2/2014
Collected: 11/26/2014

Project: Lothrop-Storm Sandy-1 Sibley Lane, East Haven, 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
1126JB-08A 041435258-0017	Exterior A-Side - Gray Concrete Foundation	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
1126JB-08B 041435258-0018	Exterior A-Side - Gray Concrete Foundation	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected

Analyst(s)

Michael Garrity (11)
Thomas Schwab (5)

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 12/02/2014 14:38:05

Appendix C

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/cm²)
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/cm²)	Inconclusive Range (mg/cm²)
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

Lead Testing Field Data Sheets



LEAD INSPECTION COVER SHEET

Inspector's Information

Inspector's Name: James Blum

License Number: 2256

XRF Model: LPA-1B

Serial Number: 1377

Date of Inspection: November 26, 2014

Project Number: 2010370.B7E

Property Information

Building Address: 1 Sibley Lane (Street)

East Haven (City)

CT (State)

78 Years

Describe Structure: Structure is a split-level with 2 floors. Exterior is wood siding with wood/vinyl windows and door systems. Interior is mainly exposed wood frame on main floor and sheetrock walls/ceiling on 2nd floor with wood floor with wood/vinyl interior window and door systems.

Are there lead hazards present? Yes No

Multiple Family Dwelling

Were lead dust wipes taken? Yes No

Were soil samples collected? Yes No

Were drinking water samples collected? Yes No

Single 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)? _____

Is there an EBL child present? Yes No Unknown

Is there a child under six years of age in the dwelling? Yes No Unknown

XRF Calibration Check

Calibration Paint Film Used: NIST 1.02 mg/cm² Manufacturer's Standard 1.0 mg/cm²

Calibration Check Limits Used: RMD (0.7 to 1.3 mg/cm² inclusive)

Scitec MAP4 (0.6 to 1.2 mg/cm² inclusive)

	Hour	First Reading	Second Reading	Third Reading	Average
First Check	900	1.1	0.9	1.1	1.03
Second Check	1100	1.0	1.0	1.0	1.0
Third Check					
Fourth Check					



LEAD INSPECTION COVER SHEET

Inspector's Information

Inspector's Name: James Blum

License Number: 2256

XRF Model: LPA-1B

Serial Number: 1377

Date of Inspection: November 28, 2014

Project Number: 2010370.B7E

Property Information

Building Address: 1 Sibley Lane (Street)

East Haven (City)

CT (State)

78 Years

Describe Structure: Structure is a split-level with 2 floors. Exterior is wood siding with wood/vinyl windows and door systems. Interior is mainly exposed wood frame on main floor and sheetrock walls/ceiling on 2nd floor with wood floor with wood/vinyl interior window and door systems.

Are there lead hazards present? Yes No

Multiple Family Dwelling

Were lead dust wipes taken? Yes No

Were soil samples collected? Yes No

Were drinking water samples collected? Yes No

Single 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)? _____

Is there an EBL child present? Yes No Unknown

Is there a child under six years of age in the dwelling? Yes No Unknown

XRF Calibration Check

Calibration Paint Film Used: NIST 1.02 mg/cm² Manufacturer's Standard 1.0 mg/cm²

Calibration Check Limits Used: RMD (0.7 to 1.3 mg/cm² inclusive)

Scitec MAP4 (0.6 to 1.2 mg/cm² inclusive)

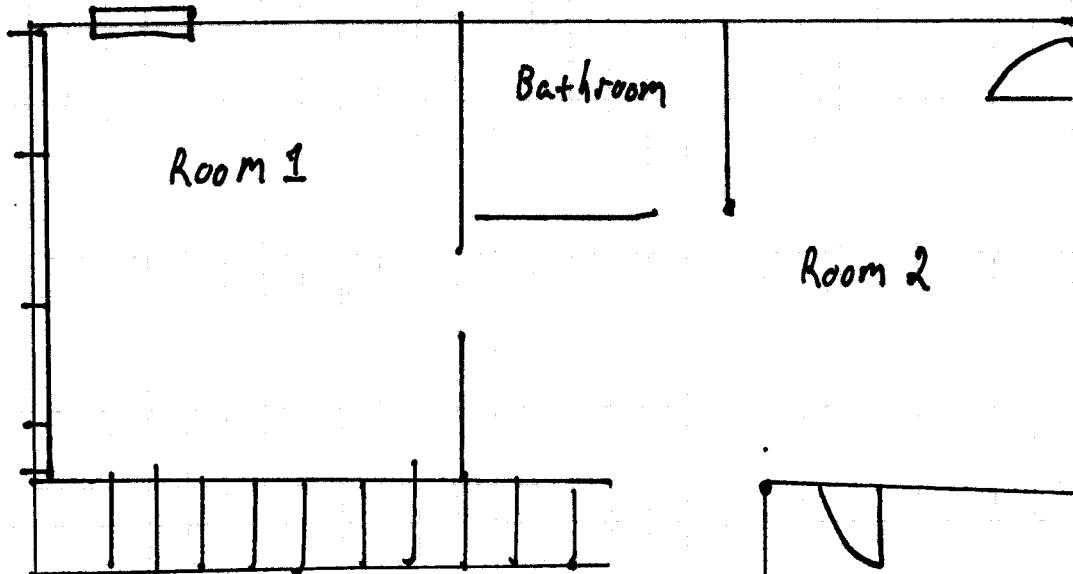
	Hour	First Reading	Second Reading	Third Reading	Average
First Check	1100	1.2	1.2	1.0	1.13
Second Check	1200	1.1	1.2	1.2	1.16
Third Check					
Fourth Check					



FUSS & O'NEILL

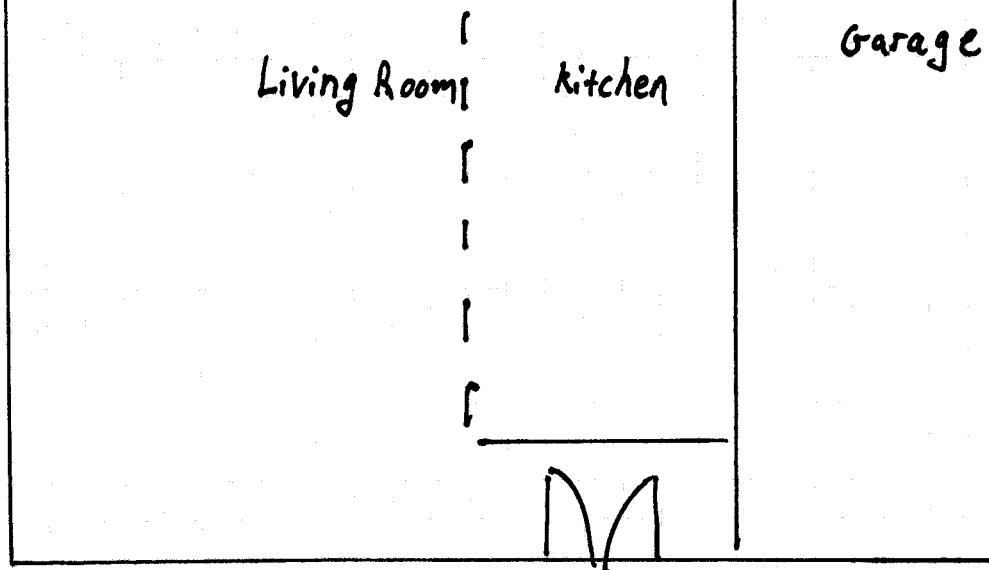
Prepared By	Date	Checked By	Date	Project No
				Sheet No of

Side C



Side-
B

Side-
D



Side - A

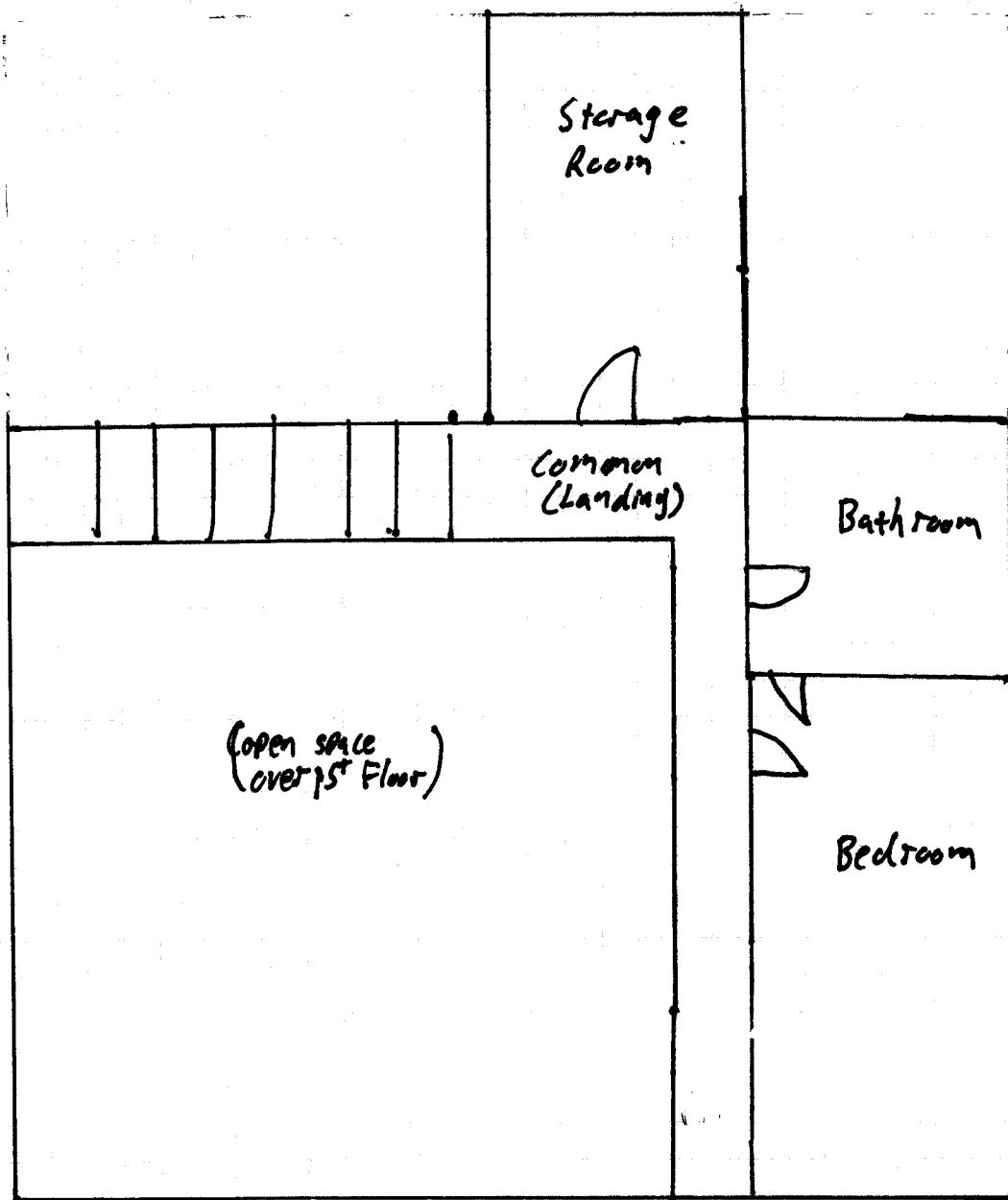
1st
Floor Plans



FUSS & O'NEILL

Prepared By	Date	Checked By	Date	Project No
				Sheet No of

Side - C



Side A

2nd Floor



XRF FIELD DATA SHEET - INTERIOR ROOM

Address: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: pent **Room:** rm 12

Page 1 of 14

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: W **Room:** W

Page 2 of 17

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370-B7E

Project Manager: K. McCarthy **(If Positive - Check All That Apply)**

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Floor									
	Baseboards									
A	Wall	STUD	0.2	✓	W	pink				
B	Wall	Frame	1.5	✓	W	green	no			
C	Wall									
D	Wall									
	Chair rail									
	Ceiling									
	Crown Molding									
	Door									
	Casing									
	Jamb									
	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									
A	Frame	2.8	✓	W	green	no				
B	Window Lintel	1.5	✓	W	WHT.	no				

* 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

XRF FIELD DATA SHEET – INTERIOR ROOM

Address: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Page 3 of 74

Floor: Main Room: Garage

20140370.B7E

Project Name: Lothrop Storm Sandy Rehab

Project Number: _____

Project Manager: K. McCarthy **(If Positive - Check All That Apply)**

20140370.B7E

* 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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: Main **Room:** Kitchen

Page 4 of 14

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: main Room: Early

Page 5 of 141

Project Name: Lothrop Storm Sandy Rehab Project Number: 20140370.B7E

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: _____

- 10 -



XRF FIELD DATA SHEET – INTERIOR ROOM

Address: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: main Room: Living Room

Page 6 of 14

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

Project Manager: K. McCarthy **(If Positive - Check All That Apply)**

Project Manager: K. McCarthy (A 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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Page 7 of 14

Floor: 2nd Room: Bedroom

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

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	WHT.					
A	Wall	0.0		SL	Blue					
B	Wall	-0.0								
C	Wall	-0.1								
D	Wall	-0.3								
	Chair rail									
	Ceiling	0.10		SL	WHT.					
	Crown Molding	0.3		W	WHT.					
	Door	-0.1		W	WHT.					
	Casing	-0.3		W						
	Jamb	0.0		W						
	Door									
	Casing									
	Jamb									
	Window Trim	0.0		W	WHT.					
	Sill									
	Sash	0.3		W	WHT.					
	Well									
	Cabinet Base									
	Door Exterior									
	Door Interior									
	Walls									
	Shelves									
	Shelf Supports									
	Closet Shelf									
	Shelf Supports									
	Radiator									
	Wall Molding									
C	wall	0.1		SL	WHT.					closed
B	wall	0.1		SL	T					
	ceil.	0.2		SL	T					

* 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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: 2nd Room: Bathroom

Page 9 of 14

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

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: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: 2nd Room: Storage

Page 9 of 141

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

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

IV. 11

Notes:



XRF FIELD DATA SHEET – INTERIOR ROOM

Address: 1 Sibley Lane, East Haven, CT

Apt. #: _____

Floor: 2nd Room: Common

Page 10 of 14

Project Name: Lothrop Storm Sandy Rehab **Project Number:** 20140370.B7E

Project Manager: K. McCarthy **(If Positive - Check All That Apply)**

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Floor									
	Baseboards	0.3		W	WHT					
A	Wall	0.1		SR	BWN					
<u>B</u>	<u>Wall</u>									
C	Wall	-0.1		SR	BWN					
D	Wall	0.2		SR	BWN					
	Chair rail									
	Ceiling									
	Crown Molding									
	Door	0.4		W	BWN					
	Casing	0.0		L	WHT					
	Jamb	-0.0			WHT.					
	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									
	Beam	0.1		W	BWN					
	Chair rail	1.6	/	M	WHT.	no				
	Baseboard	0.1		M	WHT.					

* 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 - EXTERIOR OF SIDE A

Address: 1 Sibley Lane, East Haven CT

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Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.B7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation	<u>NK</u>	—	<u>C</u>	—					
	Skirt Board	<u>N/A</u>								
	Corner Boards	<u>N/A</u>								
	Siding	<u>N/L</u>	—	<u>W</u>	—					
	Upper Trim	<u>N/L</u>	—	<u>W</u>	—					
	Door	<u>EV</u>	<u>N</u>	<u>V</u>	<u>white</u>					
	Casing	<u>0.1</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	Jamb	<u>~0.1</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	Threshold	<u>N/L</u>	—	<u>M</u>	—					
	Kick Board	<u>N/L</u>	—	<u>W</u>	—					
	Storm Door	<u>N/A</u>								
	Window Sill	<u>-0.1</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	Trim	<u>-0.1</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	Sash	<u>-0.0</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	Blind Stops									
	Storm Window									
	Basement Sash									
	Frame									
	<u>Ballhead Garage door</u>	<u>EV</u>	<u>N</u>	<u>W</u>	<u>white</u>					
	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 B

Address: 1 Sibley Lane, East Haven CT

Page 12 of 14

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.B7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation	<u>N/L</u>		<u>C</u>						
	Skirt Board	<u>0.1</u>								
	Corner Boards	<u>N/L</u>								
	Siding	<u>N/L</u>		<u>W</u>						
	Upper Trim	<u>N/L</u>		<u>W</u>						
	Door	<u>-0.1</u>	<u>N</u>	<u>V</u>	white					
	Casing	<u>-0.0</u>	<u>V</u>							
	Jamb									
	Threshold									
	Kick Board									
	Storm Door									
	Window Sill	<u>-0.1</u>	<u>N</u>	<u>W</u>	white					
	Trim	<u>0.0</u>	<u>N</u>	<u>W</u>	white					
	Sash	<u>-0.1</u>	<u>N</u>	<u>W</u>	white					
	Blind Stops									
	Storm Window									
	Basement Sash									
	Frame									
	Bulkhead									
	Downspouts	<u>0.2</u>	<u>N</u>	<u>M</u>	white					
	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: 1 Sibley Lane, East Haven CT

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Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.B7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation	<u>N/L</u>		<u>C</u>						
	Skirt Board									
	Corner Boards									
	Siding	<u>N/L</u>		<u>W</u>						
	Upper Trim	<u>N/L</u>		<u>W</u>						
	Door									
	Casing									
	Jamb									
	Threshold									
	Kick Board									
	Storm Door									
	Window Sill	<u>0.1</u>		<u>W</u>						
	Trim	<u>0.1</u>		<u>W</u>						
	Sash	<u>N/A</u>		<u>V</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									



XRF FIELD DATA SHEET - EXTERIOR OF SIDE D

Address: 1 Sibley Lane, East Haven CT

Page 14 of 14

Project Name: Lothrop-Storm Sandy Rehab

Project Number: 20140370.B7E

Project Manager: K. McCarthy

(If Positive - Check All That Apply)

Side	Surface	XRF Readings	POS	Substrate	Color	Defective	Chewable	Friction	Impact	Comments
	Foundation	<u>N/L</u>		<u>C</u>						
	Skirt Board									
	Corner Boards									
	Siding	<u>N/L</u>		<u>W</u>						
	Upper Trim	<u>N/L</u>		<u>W</u>						
	Door	<u>-0.1</u>	<u>N</u>	<u>V</u>	<u>Brown</u>					
	Casing	<u>-0.0</u>	<u>N</u>	<u>V</u>	<u>White</u>					
	Jamb	<u>-0.0</u>	<u>N</u>	<u>V</u>	<u>White</u>					
	Threshold	<u>N/L</u>		<u>M</u>						
	Kick Board									
	Storm Door									
	Window Sill	<u>0.2</u>	<u>N</u>	<u>W</u>	<u>White</u>					
	Trim	<u>0.1</u>	<u>N</u>	<u>W</u>	<u>White</u>					
	Sash	<u>-0.1</u>	<u>N</u>	<u>W</u>	<u>White</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

Lead In Dust Sample Results 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:	201417273
CustomerID:	ENVI54
CustomerPO:	20140370.B7E
ProjectID:	

Attn: **Kevin McCarthy**
Fuss & O'Neill EnviroScience, LLC
146 Hartford Road
Manchester, CT 06040

Phone: (860) 646-2469
Fax: (888) 838-1160
Received: 11/28/14 10:00 AM
Collected:

Project: Lothrop - Storm Sandy - 1Sibley Lane / 20140370.B7E / 1 Sibley Lane, East Haven, CT

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
1126JB-01	201417273-0001		11/29/2014	36 in ²	<40 µg/ft ²
		Site: Room 2			
1126JB-02	201417273-0002		11/29/2014	144 in ²	<10 µg/ft ²
		Site: Room 2			
1126JB-03	201417273-0003		11/29/2014	144 in ²	19 µg/ft ²
		Site: Room 1			
1126JB-04	201417273-0004		11/29/2014	36 in ²	<40 µg/ft ²
		Site: Living Room			
1126JB-05	201417273-0005		11/29/2014	144 in ²	<10 µg/ft ²
		Site: Living Room			
1126JB-06	201417273-0006		11/29/2014	144 in ²	<10 µg/ft ²
		Site: Bedroom			
1126JB-07	201417273-0007		11/29/2014	144 in ²	<10 µg/ft ²
		Site: 2nd Floor Bathroom			
1126JB-08	201417273-0008		11/29/2014	n/a	<10 µg/wipe
		Site: Field Blank			

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 µg/wipe. µg/wipe = µg/ft² x area sampled in ft². 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/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC 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 12/01/2014 11:28:58

Appendix F

Lead In Drinking Water Sample Results and Chain-Of-Custody Form

Date Samples Received: 12/01/14

Client Name : Fuss & O'Neill EnviroScience	CTL Lab No. : 1214006
Report Date : 12/02/14	PO/ Job No. : 20140370.B7E

RESULTS OF ANALYSIS

EPA Method 200.9

Matrix Type :	W	W
CTL Sample No.:	18679	18680
Field ID :	1 st Draw	2 nd Draw
	20141128JB	20141128JB
	-01	-02

Parameters	RL	Date Analyzed		
Total Lead-mg/L	0.005	ND	ND	12/02/14

RL= Reporting Limit ND= Not Detected

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Appendix G

Mold Sample Results 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

Order ID: 371419630
 Customer ID: ENVI54
 Customer PO: 20140370.B7E
 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:
 Received: 11/29/2014
 Analyzed: 12/01/2014

Proj: Lothrop Storm Sandy- 1 Sibley Lane, East Haven/ 20140370.B7E

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Bulk Samples (EMSL Method: M041)

Lab Sample Number:	371419630-0001				
Client Sample ID:	1126JB-01				
Sample Location:	Garage Behind Heater				
Spore Types	Category				
Agrocybe/Coprinus	-				
Alternaria	-				
Ascospores	-				
Aspergillus/Penicillium	-				
Basidiospores	-				
Bipolaris++	-				
Chaetomium	Low				
Cladosporium	-				
Curvularia	-				
Epicoccum	-				
Fusarium	-				
Ganoderma	-				
Myxomycetes++	-				
Paecilomyces	-				
Rust	-				
Scopulariopsis	*High*				
Stachybotrys					
Torula	-				
Ulocladium	-				
Unidentifiable Spores	-				
Zygomycetes	-				
Fibrous Particulate	-				
Hyphal Fragment	-				
Insect Fragment	-				
Pollen	-				

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.

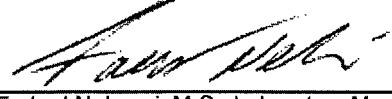
EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation of the 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 AIHA-LAP, LLC-EMLAP Accredited #100194

Initial report from: 12/01/2014 13:59:14

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com

Test Report DEVER1-7.30.1 Printed: 12/01/2014 01:59:14PM


 Farbod Nekouei, M.S., Laboratory Manager
 or Other Approved Signatory

Appendix H

Airborne Radon Gas Sampling Results and Chain-Of-Custody Form

Site Radon Inspection Report

Date : 12/2/2014

Ms. Karron Redfield
 Fuss & O'Neill Enviroscience, LLC
 146 Hartford Road
 Manchester, CT 06040-

Client: 20140370.B7E
 Test Location 1 Sibley Lane

East Haven, CT 06512-

Individual Canister Results

Canister ID# : 2346457
 Canister Type : Charcoal Canister 3 inch
 Location : Liv Rm
 Radon Level : 0.2 pCi/L
 Error for Measurement is: \pm 0.3 pCi/L

Test Start : 11/26/2014 @ 09:22
 Test Stop : 11/28/2014 @ 11:00
 Received: 12/01/2014 @ 09:00
 Analyzed: 12/01/2014 @ 10:29

Canister ID# : 2346464
 Canister Type : Charcoal Canister 3 inch
 Location : Kitchen D
 Radon Level : 0.1 pCi/L
 Error for Measurement is: \pm 0.6 pCi/L

Test Start : 11/26/2014 @ 09:20
 Test Stop : 11/28/2014 @ 10:55
 Received: 12/01/2014 @ 09:00
 Analyzed: 12/01/2014 @ 10:47

Canister ID# : 2346468
 Canister Type : Charcoal Canister 3 inch
 Location : Liv Rm B
 Radon Level : 0.1 pCi/L
 Error for Measurement is: \pm 0.5 pCi/L

Test Start : 11/26/2014 @ 09:22
 Test Stop : 11/28/2014 @ 11:00
 Received: 12/01/2014 @ 09:00
 Analyzed: 12/01/2014 @ 10:47

Canister ID# : 2357394
 Canister Type : Charcoal Canister 3 inch
 Location : Kitchen
 Radon Level : 0.1 pCi/L
 Error for Measurement is: \pm 0.2 pCi/L

Test Start : 11/26/2014 @ 09:20
 Test Stop : 11/28/2014 @ 10:55
 Received: 12/01/2014 @ 09:00
 Analyzed: 12/01/2014 @ 10:29



Andreas C. George

Andreas C. George
 Radon Measurement Specialist
 NJ MES 11089

(914)345-3380
 FAX (914)345-8546

Dante Galan

Dante Galan
 Laboratory Director

NRSEARL0001
 NYS ELAP ID: 10806
 PADEP ID: 0346
 NJ DEP ID: NY933
 NJ MEB 90036
 FL DOH RB1609
 IL RNL2000201

2 Hayes Street, Elmsford, NY 10523
www.rtca.com

Appendix I

Site Photographs





Green Lead Paint on Wood Wall Frames



Mold Growth on Wall behind Heating Unit in Garage