



Department of Economic and  
Community Development

Connecticut  
still revolutionary

MG

December 9, 2016

Hermia M. Delaire  
Program Manager  
CDBG - Sandy Disaster Recovery Program  
Department of Housing  
505 Hudson Street  
Hartford, CT 06106

received  
12-13-16

Subject: Department of Housing Superstorm Sandy Reviews  
271 Ridgeview Avenue (Application #1171)  
Fairfield, Connecticut

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted to our office for the above-named property pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. SHPO understands that the property owners have requested financial assistance from your office for repairs to the property located at 271 Ridgeview Avenue. It is the opinion of this office that the property is not eligible for listing on the National Register of Historic Places as an individual property or as a contributing element to a historic district. Based on the information provided to this office, no historic properties will be affected by the proposed repairs.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. For further information please contact me at (860) 256-2764 or [catherine.labadia@ct.gov](mailto:catherine.labadia@ct.gov).

Sincerely,

Catherine Labadia  
Deputy State Historic Preservation Officer

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

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

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

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

The **projection** used in the preparation of this map was Connecticut State Plane (FIPZONE 0600). The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

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

NGS Information Services  
NOAA, NNGS12  
National Geodetic Survey  
SSMC-3, #9202  
1315 East-West Highway  
Silver Spring, Maryland 20910-3182  
(301) 713-3242

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

**Base map** information shown on this FIRM was provided in digital format by the Connecticut Department of Environmental Protection. This information was derived from digital orthophotos produced at a scale of 1:12,000 from aerial photography flown in 2004 supplemented with aerial photography from 2005.

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

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

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

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at <http://www.fema.gov>.

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently destroyed. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

- FLOODWAY AREAS IN ZONE AE**
- OTHER FLOOD AREAS**
- ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

- OTHER AREAS**
- ZONE D** Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
- OTHERWISE PROTECTED AREAS (OPAs)**

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- Base Flood Elevation line and value; elevation in feet\*
- Base Flood Elevation value where uniform within zone; elevation in feet\*

- \* Referenced to the North American Vertical Datum of 1988
- Cross section line
- Transsect line
- 87°07'45", 32°22'30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 76°N 1000-meter Universal Transverse Mercator grid values, zone 18
- 600000 FT 5000-foot grid values; Connecticut State Plane coordinate system (FIPZONE 0600), Lambert Conformal Conic projection
- DX5510 x Bench mark (see explanation in Notes to Users section of this FIRM panel)
- M1.5 River Mile

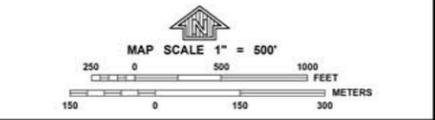
**MAP REPOSITORY**  
Refer to listing of Map Repositories on Map Index.

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP**  
June 16, 2010

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



271 Ridgeview Ave  
Fairfield, CT

**NFIP** PANEL 0428F

**FIRM**  
FLOOD INSURANCE RATE MAP  
FAIRFIELD COUNTY,  
CONNECTICUT  
(ALL JURISDICTIONS)

PANEL 428 OF 626  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

**CONTAINS**

COMMUNITY	NUMBER	PANEL	SUFFIX
BRIDGEPORT, CITY OF	090002	0428	F
FAIRFIELD, TOWN OF	090007	0428	F

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

**MAP NUMBER**  
09001C0428F

**EFFECTIVE DATE**



December 30, 2016

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

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.

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Uh:

Choose a Photo Base

P de#kbp h=  
Coastal Boundary



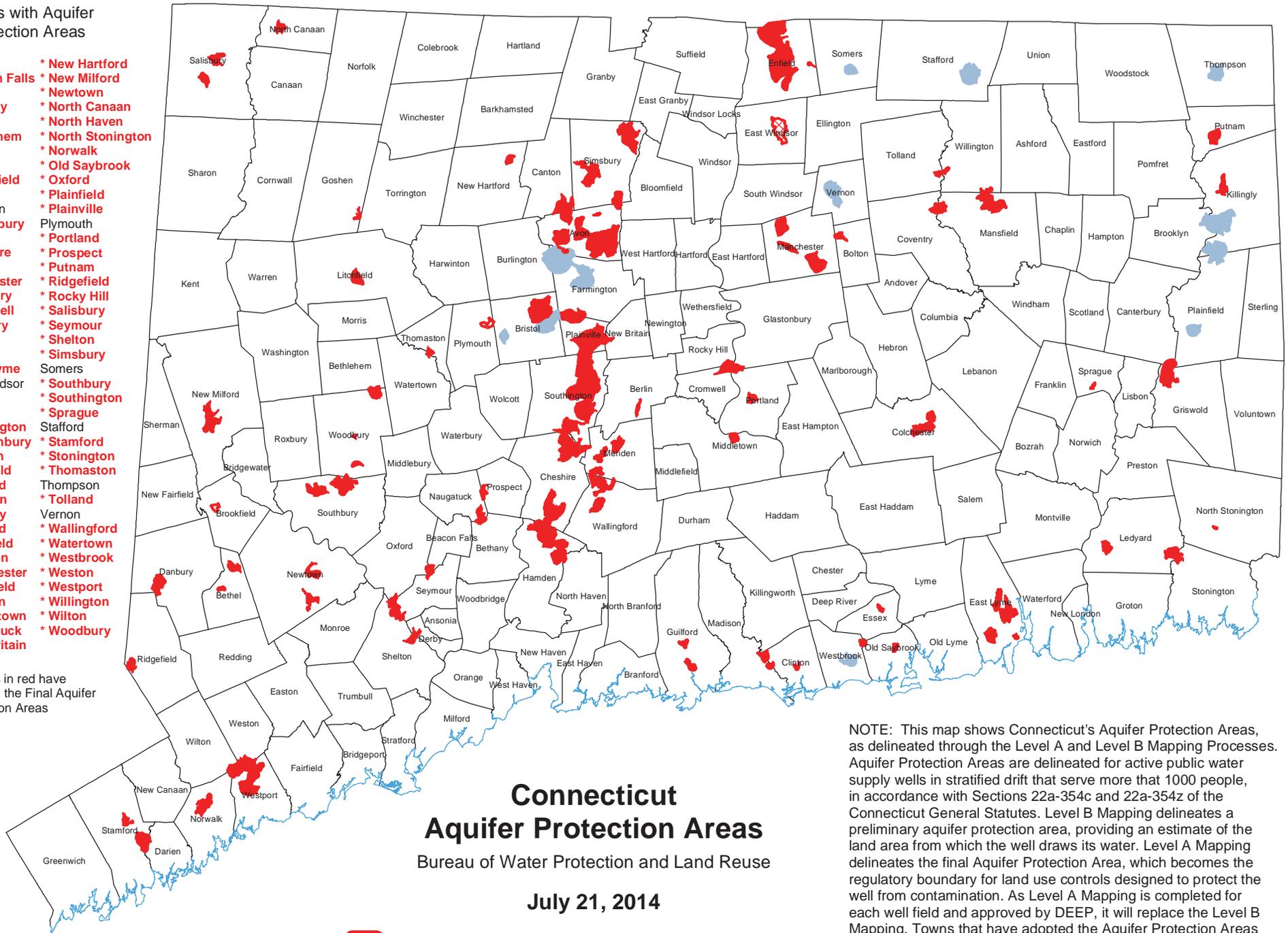
Map Scale: 4-83/333

Latitude: 74.1548 Longitude: 0.636445

**Towns with Aquifer Protection Areas**

- \* Avon
- \* Beacon Falls
- \* Berlin
- \* Bethany
- \* Bethel
- \* Bethlehem
- \* Bolton
- \* Bristol
- \* Brookfield
- Brooklyn
- Burlington
- \* Canterbury
- \* Canton
- \* Cheshire
- \* Clinton
- \* Colchester
- \* Coventry
- \* Cromwell
- \* Danbury
- \* Darien
- \* Derby
- \* East Lyme
- East Windsor
- \* Enfield
- \* Essex
- \* Farmington
- \* Glastonbury
- \* Goshen
- \* Griswold
- \* Guilford
- \* Hamden
- \* Killingly
- \* Ledyard
- \* Litchfield
- \* Madison
- \* Manchester
- \* Mansfield
- \* Meriden
- \* Middletown
- \* Naugatuck
- \* New Britain
- \* New Hartford
- \* New Milford
- \* Newtown
- \* North Canaan
- \* North Haven
- \* North Stonington
- \* Norwalk
- \* Old Saybrook
- \* Oxford
- \* Plainfield
- \* Plainville
- Plymouth
- \* Portland
- \* Prospect
- \* Putnam
- \* Ridgefield
- \* Rocky Hill
- \* Salisbury
- \* Seymour
- \* Shelton
- \* Simsbury
- Somers
- \* Southbury
- \* Southington
- \* Sprague
- \* Stamford
- \* Stonington
- \* Thomaston
- Thompson
- \* Tolland
- Vernon
- \* Wallingford
- \* Watertown
- \* Westbrook
- \* Westport
- \* Willington
- \* Wilton
- \* Woodbury

\* Towns in red have adopted the Final Aquifer Protection Areas



# Connecticut Aquifer Protection Areas

Bureau of Water Protection and Land Reuse

July 21, 2014

- Level A Aquifer Protection Area (Final Adopted)
- Level A Aquifer Protection Area (Final)
- Level B Aquifer Protection Area (Preliminary)

NOTE: This map shows Connecticut's Aquifer Protection Areas, as delineated through the Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more than 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it will replace the Level B Mapping. Towns that have adopted the Aquifer Protection Areas at the local level and for which land use regulations are now in place are designated by the solid red above and in red in the list of Towns with Aquifer Protection Areas.

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



Connecticut Department of  
Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106





## Fairfield Fire Department

140 Reef Road  
Fairfield, CT 06824-5997

Office of the Fire Marshal

(203) 254-4720  
FAX (203) 254-4724

January 2, 2017

RE: 271 Ridgeview Avenue, Fairfield, Connecticut

To Whom It May Concern,

The only information about this property I can provide is:

1. It is listed on property record as a single family home.
2. It is not in a FEMA Flood Zone
3. We have no Petroleum UST removal permit on file for this address
4. As far as I know, it is not within 3,000 feet of a landfill.

We are not able to answer your other questions; I suggest you contact the referenced Federal and State agencies directly.

Very truly yours,

*A/C William Kessler*

Assistant Chief William Kessler  
Fire Marshal  
Town of Fairfield  
203-254-4729

## List of Contaminated or Potentially Contaminated Sites

“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
155 Alden St.	155 Alden St.	Leaking Underground Storage Tanks – Completed						
Ahern	127 Brookview Ave	Leaking Underground Storage Tanks – Completed						
Albert Kick	53 Marion Road	Leaking Underground Storage Tanks – Completed						
Albert Szabo	771 High Street	Leaking Underground Storage Tanks – Completed						
Alert Printing	1383 Kings Highway East	Property Transfer – Form III Investigation started	8/30/2004					
Alliance Energy #830 (former Mobil Station)	I-95 Northbound (east)	Leaking Underground Storage Tanks – Rem. Started						
Alliance Energy #831 (former Mobil Service Station #13981, #00fd6)	I-95 Southbound (westbound)	Leaking Underground Storage Tanks – Completed						
Andrew Harris	896 Valley Rd.	Leaking Underground Storage Tanks – Completed						
Anita Stepanowski	70 Southfield Road	Leaking Underground Storage Tanks – Completed						
Ann Dakai	77 Highridge Rd.	Leaking Underground Storage Tanks – Completed						
Anna Matyasiecz	92 Midlock Road	Leaking Underground Storage Tanks – Completed						
Anne Platzek	361 Lockwood Road	Leaking Underground Storage Tanks – Completed						
Anthony Decesare	221 Palamar Dr.	Leaking Underground Storage Tanks – Completed						

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Anthony Marone	106 Hollow Tree Crl.	Leaking Underground Storage Tanks – Completed						
Antonio Residence	230 Nichols Street	Leaking Underground Storage Tanks – Pending						
Army Reserve	182 High Street	Leaking Underground Storage Tanks – Completed						
Arrow Cleaners	2475 Black Rock Turnpike	Property Transfer – Form III Remediation Started	10/24/2014	11/17/2014				
Audi Of Fairfield (uag Fairfield Ca, Llc)	415-435 Commerce Drive	Property Transfer – Form III Remediation Started	12/17/2014	5/27/2015				
Audi Of Fairfield (uag Fairfield Ca, Llc)	415-435 Commerce Drive	Property Transfer – Form III Remediation Started	1/26/2006	10/24/2007				
Auto Body Repair Facility (uag Fairfield Cm, Llc)	102 Linwood Drive	Property Transfer – Form IV Remediation Complete				10/26/2006	NO	
B. Basil	225 Rider Lane	Leaking Underground Storage Tanks – Completed						
Babcock Residence	1289 Burr Street	Leaking Underground Storage Tanks – Completed						
Bard Richard	183 Old Farm Lane	Leaking Underground Storage Tanks – Completed						
Barlia	89 Random Rd	Leaking Underground Storage Tanks – Completed						
Barton Finnegan	3085 Redding Road	Leaking Underground Storage Tanks – Completed						
Bernadino Residence	200 Somerset Ave.	Leaking Underground Storage Tanks – Completed						

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Best Cast Inc.	21 Black Rock Turnpike	Property Transfer – Form III Remediation Started	4/30/2001	8/25/2005				
Betty Goodfellow	281 East Lawn Street	Leaking Underground Storage Tanks – Completed						
Bob Cacchione	1524 Bronson Rd	Leaking Underground Storage Tanks – Completed						
Bourgeois	100 Benedict Avenue	Leaking Underground Storage Tanks – Completed						
Brennan	1241 Post Road	Leaking Underground Storage Tanks – Completed						
Brick Walk	1221 Post Road	Property Transfer – Form III Investigation started	4/1/2014					
Brooklawn Service Center (former Ziggy's Service Station)	714 Brooklawn Avenue	Leaking Underground Storage Tanks – Completed						
Brooks Labs	287 Wakeman Rd.	Leaking Underground Storage Tanks – Completed						
Budget Rent-a-car	733 Post Road	Leaking Underground Storage Tanks – Completed						
Bullard Castings, Inc Et Al	21 Black Rock Turnpike (1.5 Concourse Parcel)	Property Transfer – Form III Investigation started	11/14/2006					
Bullard Castings, Inc Et Al	21 Black Rock Turnpike (8.8 Parking Lot Parcel)	Property Transfer – Form III Investigation started	11/14/2006					
Bullard Castings, Inc.	55 Black Rock Turnpike	Property Transfer – Form III Remediation Started	2/7/2012	9/10/2014				
Bullard Company	40 Black Rock Turnpike	Inventory of Hazardous Waste Disposal Sites						
Bullard Square	40 Black Rock Turnpike	Property Transfer – Form III						

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### TOWN OF: FAIRFIELD

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Bullard Square (windsor Green Assoc.)	40 Black Rock Turnpike	Property Transfer – Form III						
Bullard Square Corporation	40 Black Rock Turnpike	Property Transfer – Form III						
Cal Larson	214 Homeland St.	Leaking Underground Storage Tanks – Completed						
Canale Residence	63 Lockwood Rd.	Leaking Underground Storage Tanks – Completed						
Carl Casefeldt	22 Fawn Ridge Lane	Leaking Underground Storage Tanks – Completed						
Carol Wonsiewicz	97 Argonne Street	Leaking Underground Storage Tanks – Completed						
Carrington	20 Wilson Street	Leaking Underground Storage Tanks – Investigation						
Casper Residents	399 Bronson Rd.	Leaking Underground Storage Tanks – Completed						
Center Arco	292 Pequot Avenue	Property Transfer – Form III Remediation Started	3/7/2008	7/21/2008				
Center Arco Service Station	292 Pequot Avenue	Property Transfer – Form III						
Center Arco Service Station	292 Pequot Avenue	Property Transfer – Form III						
Chamoures, Mercene	6 Blackthorne Drive	Leaking Underground Storage Tanks – Completed						
Chevron Car Wash #161981 (former Gulf And Cumberland Farms)	3400 Boston Post Road	Leaking Underground Storage Tanks – Rem. Started						
Chiboucas Residence	51 Millbank Road	Leaking Underground Storage Tanks – Completed						

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Chris McClure	171 Acorn Ln	Leaking Underground Storage Tanks – Completed						
Chris Savides	180 Weeping Willow Lane	Leaking Underground Storage Tanks – Completed						
Christian Keppler	113 Lee Drive	Leaking Underground Storage Tanks – Completed						
Cintronberg Residence	15 Beachwood Ln.	Leaking Underground Storage Tanks – Completed						
Circle Citgo (kna Fairfield Amoco)	653 Post Road	Property Transfer – Form III Remediation Started	12/18/1998	8/29/2011				
Circle Plaza (see Comments)	1160-1201 Kings Highway Cutoff	Voluntary Remediation: CGS 22a.-133y Remediation Started		11/19/2004				
Clark Metal Products Inc	75 Kings Highway	Inventory of Hazardous Waste Disposal Sites						
Cole	219 Jackson Avenue	Leaking Underground Storage Tanks – Completed						
Connell Residence	140 Labbance Ln.	Leaking Underground Storage Tanks – Investigation						
Conrad	95 Greenleigh Road	Leaking Underground Storage Tanks – Completed						
Conroy Property	1078 Sasco Hill Road	Leaking Underground Storage Tanks – Completed						
Consumer Petroleum Of Ct, Joe Abinaked	134 Tunxis Hill Road	Leaking Underground Storage Tanks – Completed						

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Consumers Petroleum Of Connecticut	808 Post Road	Leaking Underground Storage Tanks – Rem. Started						
Continental Motors	102 Linwood Avenue	Property Transfer – Form III						
Continental Motors Autobody (voltarc Tube)	102 Linwood Avenue	Property Transfer – Form III Investigation started	12/14/2000					
Continental Motors Porsche / Uag	475 Commerce Drive	Property Transfer – Form III Investigation started	6/8/2005					
Continental Motors-vw / Audi Sales	415-435 Commerce Drive	Property Transfer – Form III Investigation started	12/14/2000					
Continental Motors-vw Audi / Uag	415-435 Commerce Drive	Property Transfer – Form III						
Continental Porsche Sales & Service	475 Commerce Drive	Property Transfer – Form III Investigation started	12/14/2000					
Correia	32 Romanock Rd	Leaking Underground Storage Tanks – Completed						
Cumberland Farms #06909	3617 Blackrock Turnpike	Leaking Underground Storage Tanks – Completed						
Cumberland Farms #692 (former Kings Highway Service, Chevron #119053 And Former Gulf Service Station #203877)	975 Kings Highway East	Leaking Underground Storage Tanks – Completed						
Cumberland Gulf #119099 (cumberland Farms #693)	1101 Post Road (1101 Boston Post Road)	Leaking Underground Storage Tanks – Completed						
David Mitchell	863 Old Academy Rd	Leaking Underground Storage Tanks – Completed						
David Sullivan	116 Melody Lane	Leaking Underground Storage Tanks – Investigation						

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“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

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Debora Becker	178 Crest Terrace	Leaking Underground Storage Tanks – Completed						
Dimaria Residence	3737 North Street	Leaking Underground Storage Tanks – Pending						
Dimitri Chiboveqs	77 Millbank Rd	Leaking Underground Storage Tanks – Completed						
Don Warnitski	267 East Lawn Street	Leaking Underground Storage Tanks – Completed						
Donald Dunbar	160 Longmeadow	Leaking Underground Storage Tanks – Completed						
Doner Residence	245 Harvester Road	Leaking Underground Storage Tanks – Completed						
Doran	65 Hilltop Dr	Leaking Underground Storage Tanks – Completed						
Dorrington Residence	60 Puritan Ave.	Leaking Underground Storage Tanks – Completed						
Dot Fairfield (hart # 05)	1773 Congress Street	Voluntary Remediation: CGS 22a.-133x Investigation started	8/6/2002					
Dr. Bobby Boreyko	205 Joan Dr	Leaking Underground Storage Tanks – Completed						
Dr. Landau	166 Buena Vista Rd.	Leaking Underground Storage Tanks – Completed						
Dr.fromm	551 Joan Dr	Leaking Underground Storage Tanks – Completed						
Dry Cleaner (former Salvo's Cleaners)	2425 Post Road	Voluntary Remediation: CGS 22a.-133x Investigation started	12/4/2000					

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Duffy Residence	144 Knowlwood Drive	Leaking Underground Storage Tanks – Completed						
Dunbar Residence	160 Long Meadow	Leaking Underground Storage Tanks – Completed						
Dunn, Mary H.	89 Rakoczy Ave	Leaking Underground Storage Tanks – Completed						
Dutter	39 Overhill Rd	Leaking Underground Storage Tanks – Completed						
Dwight School	1600 Redding Road	Leaking Underground Storage Tanks – Completed						
Dworkincleaners	925 Post Road	Leaking Underground Storage Tanks – Investigation						
Dyer Residence	240 Mayfair Road (reported To Spills As 228 Mayfair Road)	Leaking Underground Storage Tanks – Completed						
E. Zakrzewski	195 Winn Wood Drive	Leaking Underground Storage Tanks – Completed						
Ed Dougiello	90 Newman Place	Leaking Underground Storage Tanks – Completed						
Ed Nadolny	305 Puritan Road	Leaking Underground Storage Tanks – Completed						
Edna Larson	245 Roland Rd	Leaking Underground Storage Tanks – Completed						
Edward O'brien	963 Holland Hill Rd.	Leaking Underground Storage Tanks – Completed						
Eleanor Carley	160 Lucille Street	Leaking Underground Storage Tanks – Completed						

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Estate Of Bertha Seaberg	122 Edgewood Road	Leaking Underground Storage Tanks – Completed						
Estate Of Kovac	32 Pond Street	Leaking Underground Storage Tanks – Completed						
Estate Of Sidney Postol	352 Random Road	Leaking Underground Storage Tanks – Completed						
Ester Sylvestro/john Stone	512 Jone Drive	Leaking Underground Storage Tanks – Completed						
Etzel Residence	380 Warner Hill Rd.	Leaking Underground Storage Tanks – Completed						
Eugene Gallucci	146 Bayberry Rd.	Leaking Underground Storage Tanks – Completed						
Exide Corporation	2190 Post Road	Inventory of Hazardous Waste Disposal Sites						
Exide Group Inc	2190 Post Rd	CERCLIS						
Expressway/vioc	859 Tunxis Hill Road	Leaking Underground Storage Tanks – Completed						
Exxon	705 Villa Avenue	Voluntary Remediation: CGS 22a.-133y Remediation Started		1/10/2008				
Fairco Air Conditioning	Black Rock Tpk.	Leaking Underground Storage Tanks – Completed						
Fairfied University	Fairfied University - North Benson Road	Leaking Underground Storage Tanks – Completed						
Fairfield Auto Body	278 Meadow Street	Property Transfer – Form III Remediation Complete	12/29/2008			8/6/2010	NO	

## List of Contaminated or Potentially Contaminated Sites

“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
Fairfield Carrier Annex (former Traynor Motors, Inc.)	357 Commerce Drive	Leaking Underground Storage Tanks – Completed						
Fairfield Central Office (at&t Office #3661)	239 Reef Road	Leaking Underground Storage Tanks – Completed						
Fairfield Centre	696-700 Post Road	Property Transfer – Form III Remediation Started	12/1/2011	12/9/2014				
Fairfield Collision Center	102 Linwood Avenue	Property Transfer – Form III Remediation Started	12/17/2014	9/19/2016				
Fairfield Country Club	893 Sasco Hill Road To 936 Sasco Hill Road	Leaking Underground Storage Tanks – Investigation						
Fairfield Exxon	1139 Post Road	Property Transfer – Form III Investigation started	1/3/2007					
Fairfield Fire House	Jackman Ave.	Leaking Underground Storage Tanks – Completed						
Fairfield Graceunited Methodist Church	1089 Fairfield Woods Road	Leaking Underground Storage Tanks – Completed						
Fairfield Laundry (fka Dworkin Cleaners)	925 Post Road	Property Transfer – Form III Remediation Started	10/25/2006	6/7/2011				
Fairfield Ludlowe High School	785 Unquowa Road	Leaking Underground Storage Tanks – Completed						
Fairfield Lumber	185 Thorpe Street	Leaking Underground Storage Tanks – Rem. Started						
Fairfield Maintenance Garage	488 Tunix Street	Leaking Underground Storage Tanks – Rem. Started						

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### TOWN OF: FAIRFIELD

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Fairfield Muni. Landfill	One Rod Highway	Inventory of Hazardous Waste Disposal Sites						
Fairfield Municipal Landfill	One Rod Road	CERCLIS						
Fairfield Police Department	100 Reef Road	Leaking Underground Storage Tanks – Pending						
Fairfield Shell	1139 Post Road	Leaking Underground Storage Tanks – Completed						
Fairfield Shopping Center	Post Road & South Benson Road	Voluntary Remediation: CGS 22a.-133x Investigation started	8/5/1996					
Fairfield Sunoco (former Fairfield Amoco, Glazier's Circle-k, And Citgo#3604)	653 Post Road / 653 Boston Post Road	Leaking Underground Storage Tanks – Rem. Started						
Fairfield Ward High School	755 Melville Avenue	Leaking Underground Storage Tanks – Completed						
Fairfield Woods Middle School	115 Fairfield Woods	Leaking Underground Storage Tanks – Pending						
Fairfield Woods Middle School	Fairfield Woods Rd.	Leaking Underground Storage Tanks – Completed						
Fairprene Industrial Products	85 Mill Plain Road	Property Transfer – Form III Investigation started	12/27/1995					
Fairprene, Inc.	85 Mill Plain Road	Leaking Underground Storage Tanks – Completed						
Fairprene, Inc.	85 Mill Plain Road	Property Transfer – Form III Investigation started	11/2/2004					
Fancy Cleaner	238-268 Post Road	Property Transfer – Form III Investigation started	2/7/2014					

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Farcus	19 Collingwood Ave	Leaking Underground Storage Tanks – Completed						
Fearon Residence	59 Homeland Street	Leaking Underground Storage Tanks – Completed						
Felix Mininberg	480 Joan Drive	Leaking Underground Storage Tanks – Completed						
Field Property	923 Galloping Hill Road	Leaking Underground Storage Tanks – Completed						
First Church Congregational Of Fairfield, Ct	148 Beach Road	Leaking Underground Storage Tanks – Completed						
First Presbyterian Church	107 Cononese Road	Leaking Underground Storage Tanks – Completed						
First Student Inc. (former Laidlaw Transit)	65 Commerce Drive	Leaking Underground Storage Tanks – Completed						
Fischell Property	61 & 63 Unquowa Road	Leaking Underground Storage Tanks – Completed						
Fleitas, Joan	96 Brookview Ave.	Leaking Underground Storage Tanks – Completed						
Former Lloyd's Lumberyard	500 King's Hwy.	Leaking Underground Storage Tanks – Investigation						
Former Shell 136310	2271 Black Rock Turnpike	Leaking Underground Storage Tanks – Completed						
Former Shell Facility #100066	3232 Boston Post Road, 3232 Post Road	Leaking Underground Storage Tanks – Completed						
Former Shell Facility 136309	2047 Post Road	Leaking Underground Storage Tanks – Completed						

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Formerly "cbt" Connecticut Bank And Trust	665 Commerce Drive (formerly State Street Extension)	Leaking Underground Storage Tanks – Completed						
Fran Mcdougal Po Atty. (eliz. Carletti Owns)	48 Southfield Rd.	Leaking Underground Storage Tanks – Completed						
Frank Schlegel	84 Old Farm Rd.	Leaking Underground Storage Tanks – Investigation						
Fred Gardinier	357 Old Field Rd	Leaking Underground Storage Tanks – Completed						
Friend Res.	118 Boroski Rd.	Leaking Underground Storage Tanks – Completed						
Friendly Service #31 (former Citgo Station)	2515 Black Rock Turnpike	Leaking Underground Storage Tanks – Completed						
Friendly Service Station #47 (citgo, Former Shell Facility No. 136309)	2047 Boston Post Road	Leaking Underground Storage Tanks – Completed						
Friendly's Service Station #27	1096 Post Road (1096 Bsoton Post Road)	Leaking Underground Storage Tanks – Rem. Started						
Ftathkais Residence	25 Lee Drive	Leaking Underground Storage Tanks – Completed						
Garippa Res.	375 Galloping Hill Rd.	Leaking Underground Storage Tanks – Completed						
Garna, Llc (former Texaco And Shell Service Station #100059)	350 Jennings Road	Leaking Underground Storage Tanks – Completed						
Garrity	41 Carlynn Drive	Leaking Underground Storage Tanks – Completed						

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Garvin Construction	210 Black Rock Tpke	Leaking Underground Storage Tanks – Completed						
General Electric	3135 Easton Turnpike	Leaking Underground Storage Tanks – Completed						
General Motors Service And Truck Company (former Champagne Trust)	386 Commerce Drive	Leaking Underground Storage Tanks – Rem. Started						
George Eden	74 Toilsome Hill Road	Leaking Underground Storage Tanks – Completed						
Gesswein Residence	828 Sasco Hill Rd.	Leaking Underground Storage Tanks – Completed						
Getty Service Station	721 King Highway	Leaking Underground Storage Tanks – Completed						
Giegers Landscaping	40 Belmont Street	Leaking Underground Storage Tanks – Completed						
Glen Leppla	73 Louvain St	Leaking Underground Storage Tanks – Completed						
Greenberg Residence	137 Wynwood Dr.	Leaking Underground Storage Tanks – Investigation						
Greiger's Florist	Benston St.	Leaking Underground Storage Tanks – Completed						
Guthman Residence	155 Old Hickory Road	Leaking Underground Storage Tanks – Completed						
H. Barclay Morley	1110 Harbor Road	Leaking Underground Storage Tanks – Completed						
H. Benditsky	234 Euclid Ave.	Leaking Underground Storage Tanks – Completed						

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Haas Residence	40 Old Hickory Rd.	Leaking Underground Storage Tanks – Pending						
Hahn Residence	1414 North Benson Road	Leaking Underground Storage Tanks – Completed						
Hall	320 Lockwood Lane	Leaking Underground Storage Tanks – Completed						
Halloran Residence	10 Queens Grant Road	Leaking Underground Storage Tanks – Completed						
Handy & Harman	1770 Kings Highway	Property Transfer – Form III Investigation started	5/22/1998					
Handy & Harman (former)	1770 Kings Highway	Property Transfer – Form III Investigation started	3/5/2012					
Handy & Harman Site	1770 Kings Highway East	Property Transfer – Form III Remediation Started	5/11/2004	9/7/2004				
Harold Hogreath	250 Tulane St	Leaking Underground Storage Tanks – Investigation						
Harold Koehler	115 Southwood Road	Leaking Underground Storage Tanks – Completed						
Harris Marmor	178 Wynwood Dr	Leaking Underground Storage Tanks – Completed						
Harris Residence	896 Valley Road	Leaking Underground Storage Tanks – Completed						
Hawthorne Residence	235 Lalley Road	Leaking Underground Storage Tanks – Completed						
Hemlocks Pipe Yard	Black Rock Ave.	Leaking Underground Storage Tanks – Rem. Started						

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Hertz Rent-a-car	720 Post Road	Leaking Underground Storage Tanks – Investigation						
Herwitz Residence	63 Pilgrim Ln.	Leaking Underground Storage Tanks – Completed						
Higgins	33 Old Academy Rd	Leaking Underground Storage Tanks – Completed						
Hill	39 Bond Street	Leaking Underground Storage Tanks – Completed						
Hill	39 Bond Street	Leaking Underground Storage Tanks – Completed						
Hines Brothers Garage / Daewoo Motors	2243-2269 Post Road	Property Transfer – Form III Investigation started	1/26/2001					
Home Depot	541 Kings Highway Cut Off	Property Transfer – Form III Investigation started	5/22/2003					
Horowitz Residence	230 Inwood Rd.	Leaking Underground Storage Tanks – Completed						
Howard Benditsky	234 Euclid Avenue	Leaking Underground Storage Tanks – Completed						
Howard Gil	80 Flemming Lane	Leaking Underground Storage Tanks – Rem. Started						
J.t. Walsh	2784 Sturges Hwy	Leaking Underground Storage Tanks – Completed						
Jack Burek	257 Lloyd Drive	Leaking Underground Storage Tanks – Completed						
Jack Sidley Residence	186 Millsphaugh Road	Leaking Underground Storage Tanks – Completed						

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Janet Shechter	132 Adley Rd	Leaking Underground Storage Tanks – Completed						
Jeeka Filan	96 Briadal Trail	Leaking Underground Storage Tanks – Completed						
Jenning	314 Birch Road	Leaking Underground Storage Tanks – Completed						
Jennings School	31 Palm Street	Leaking Underground Storage Tanks – Completed						
Jennings School	Fairfield Woods Rd.	Leaking Underground Storage Tanks – Completed						
Jerry Tougas	61 Quaker La.	Leaking Underground Storage Tanks – Completed						
Jj Serule	104 Meadowcrest Dr	Leaking Underground Storage Tanks – Completed						
Joanne Pesavento	110 Marian Rd	Leaking Underground Storage Tanks – Completed						
Joe Cerino	142 Grandview Rd	Leaking Underground Storage Tanks – Completed						
Joe Mandese	1109 Brookside Drive	Leaking Underground Storage Tanks – Completed						
John David	25 Brett Rd.	Leaking Underground Storage Tanks – Completed						
John Dolan	85 Brett Lane	Leaking Underground Storage Tanks – Completed						
John Lloyd	132 Fairfield Beach Road	Leaking Underground Storage Tanks – Completed						

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John Meuser	50 Buckboard La	Leaking Underground Storage Tanks – Completed						
Johnson	2032 Burr Street	Leaking Underground Storage Tanks – Completed						
Jordan Lustig	355 Surrey La.	Leaking Underground Storage Tanks – Completed						
Joseph Shilling	769 Hillside Rd	Leaking Underground Storage Tanks – Completed						
Joy Nazzaro	1190 South Pine Creek Dr	Leaking Underground Storage Tanks – Completed						
Kathleen Pope	10 Taintor Dr.	Leaking Underground Storage Tanks – Completed						
Ken Szymanski	125 Kings Highway East	Leaking Underground Storage Tanks – Completed						
Kessler Residence	58 Bayberry Ln.	Leaking Underground Storage Tanks – Completed						
Kline	70 Lota Dr.	Leaking Underground Storage Tanks – Completed						
Krajci Property	41 Still Meadow Road	Leaking Underground Storage Tanks – Completed						
Krewson Resid.	198 Fairfiled Place	Leaking Underground Storage Tanks – Completed						
Lane Residence	263 Queens Grant Road	Leaking Underground Storage Tanks – Pending						
Larry Cochman	218 Wheeler Park Ave	Leaking Underground Storage Tanks – Completed						

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Lasko's Service Station	3430 Boston Post Road	Leaking Underground Storage Tanks – Completed						
Leader Beverage	2082 Kings Highway East	Leaking Underground Storage Tanks – Completed						
Leahy Res.	108 Blackrock Ave.	Leaking Underground Storage Tanks – Completed						
Learchen	309 Old Spring Rd	Leaking Underground Storage Tanks – Completed						
Leo Redgate	131 Algonquin Avenue	Leaking Underground Storage Tanks – Completed						
Les Wilder	150 Jenny Lane	Leaking Underground Storage Tanks – Completed						
Lexus Of Westport Service Center	80 Kings Highway Cutoff	Property Transfer – Form III Remediation Started	7/15/2008	10/1/2012				
Lombardo Residence	426 Riders Lane	Leaking Underground Storage Tanks – Completed						
Loss Residence	330 Lakeside Drive	Leaking Underground Storage Tanks – Completed						
Lovejoy Res.	228 Rowland Road	Leaking Underground Storage Tanks – Completed						
Lucy Roberts	1060 Harbor Rd.	Leaking Underground Storage Tanks – Completed						
Lyle Morien Residence	312 Lockwood Rd.	Leaking Underground Storage Tanks – Completed						
Mahle Cylinders	32 Berwick Court	Property Transfer – Form III Investigation started	7/24/2008					

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Mahoney	701 Old Academy Rd	Leaking Underground Storage Tanks – Completed						
Maria Ganzer	49 Southfield Rd.	Leaking Underground Storage Tanks – Completed						
Mark Mckenna	259 Old Spring Road	Leaking Underground Storage Tanks – Completed						
Marshall Cederbaum	232 Lucielle St	Leaking Underground Storage Tanks – Completed						
Marshall's Service Center	2424 Black Rock Turnpike	Property Transfer – Form III						
Marshall's Service Center (texaco)	2424 Black Rock Turnpike	Leaking Underground Storage Tanks – Completed						
Mary Louise Ryan Residence	269 Linley Drive	Leaking Underground Storage Tanks – Completed						
Mary Osborn	245 N. Cedar Rd	Leaking Underground Storage Tanks – Completed						
Marylou Ivy	2800 Blackhawk Tpk	Leaking Underground Storage Tanks – Completed						
Mccluskey Property (former Beeton)	2211 Redding Road	Leaking Underground Storage Tanks – Completed						
Mcp Metal Specialties (former)	515 Commerce Drive	Property Transfer – Form III Investigation started	3/20/2014					
Mercedes Benz Of Fairfield (former Coca Cola)	450 Scofield Avenue (intersection With Black Rock Turnpike)	Leaking Underground Storage Tanks – Completed						
Mercedes Benz Of Fairfield Service/warehouse	450 Scofield Avenue	Property Transfer – Form III Remediation Started	12/17/2014	7/27/2015				

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Mercedes Benz Repair Center / Continental Motors	26 Commerce Drive	Property Transfer – Form III Investigation started	12/6/2007					
Mercedes Service Center	450 Scofield Avenue	Property Transfer – Form III Investigation started	6/8/2005					
Mezes, Robert	42 Chester Rd	Leaking Underground Storage Tanks – Completed						
Michael Mitaro	159 Holly Dale Rd	Leaking Underground Storage Tanks – Completed						
Mike Walsh	655 Beach Rd.	Leaking Underground Storage Tanks – Completed						
Miller Ford Dealership/ Traynor Volkswagen	355 Kings Highway East	Leaking Underground Storage Tanks – Completed						
Miro Residence	920 Burroughs Road	Leaking Underground Storage Tanks – Completed						
Mitch Mesic	522 Fairfield Woods	Leaking Underground Storage Tanks – Completed						
Mitchell	863 Old Academy Rd	Leaking Underground Storage Tanks – Completed						
Mobil 01-fbh (#13879)	Merritt Parkway Northbound	Leaking Underground Storage Tanks – Rem. Started						
Mobil Oil Service Station #930 (formerly Mobil Service Station #12897 (no. 01-n2q))	1271 Stratfield Road	Leaking Underground Storage Tanks – Rem. Started						
Mobil Service Station (no. 01-109)	Merritt Parkway Southbound	Leaking Underground Storage Tanks – Rem. Started						

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Mobil Service Station 01-fc8	2120 Black Rock Turnpike	Leaking Underground Storage Tanks – Rem. Started						
Mobil Service Station 10389 (01-ffd)	2093 Post Road	Property Transfer – Form III Investigation started	3/17/2011					
Mobil Service Station 10425 (01-fc8)	2120 Black Rock Turnpike	Property Transfer – Form III Investigation started	3/17/2011					
Mobil Service Station 12897 (01-n2q)	1271 Stratfield Road	Property Transfer – Form III Investigation started	6/29/2011					
Mobil Service Station No. 01-ffd	2093 Post Road/ 2093 Boston Post Road	Leaking Underground Storage Tanks – Pending						
Mohican Valley Concrete	301 Commerce Drive	Leaking Underground Storage Tanks – Completed						
Morrison	251 Linley Dr.	Leaking Underground Storage Tanks – Completed						
Mr. & Mrs. Fulaazi	178 Lenox Rd.	Leaking Underground Storage Tanks – Completed						
Mr. Albert Kasfeldt	1403 Mill Hill Road	Leaking Underground Storage Tanks – Completed						
Mr. Buirnes	106 Lockwood Rd	Leaking Underground Storage Tanks – Completed						
Mr. Cantor	150 Curtis Terrace	Leaking Underground Storage Tanks – Completed						
Mr. Delelle	37 Senior Place	Leaking Underground Storage Tanks – Completed						
Mr. Dematto	402 Wheller Falls Ave	Leaking Underground Storage Tanks – Completed						

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Mr. Edward Green	153 Woody Lane	Leaking Underground Storage Tanks – Completed						
Mr. Hammond	215 Bailey Road	Leaking Underground Storage Tanks – Completed						
Mr. Mason	107 Marne Avenue	Leaking Underground Storage Tanks – Completed						
Mr. Moore	130 Eunice Ave	Leaking Underground Storage Tanks – Completed						
Mr. Samuel Decaro	29 Jeniford Road	Leaking Underground Storage Tanks – Completed						
Mr. Stewart Segall	66 Meadowcrest Dr.	Leaking Underground Storage Tanks – Completed						
Mr.farance	171 Liyoda Rd	Leaking Underground Storage Tanks – Completed						
Mrs. Budnick	155 Jeniford Rd.	Leaking Underground Storage Tanks – Completed						
Mrs.Lynn Carlson	726 Beach Rd.	Leaking Underground Storage Tanks – Completed						
Mrs.virginia Sanford	1851 Hillside Rd.	Leaking Underground Storage Tanks – Completed						
Ms Haliwell	15 Oyster Road	Leaking Underground Storage Tanks – Completed						
Ms. Haffinger	256 Eastlawn Street	Leaking Underground Storage Tanks – Completed						
Ms. Sunny Khadjazi	2576 Redding Road & Brett Ave.	Leaking Underground Storage Tanks – Completed						

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Murphy Residence	296 Beach Road	Leaking Underground Storage Tanks – Completed						
Myers Residence	11116 Valley Road	Leaking Underground Storage Tanks – Pending						
Nancy Frey	67 Andrassy Ave	Leaking Underground Storage Tanks – Completed						
Neighborhood Investigation	Int. Carolyn & Rhoda Sts.	Leaking Underground Storage Tanks – Pending						
Nelson	468 Sasco Hill Rd.	Leaking Underground Storage Tanks – Completed						
New Country Motor Cars Of Westport, Llc	80 Kings Highway Cutoff	Leaking Underground Storage Tanks – Pending						
Nickolas Niles	533 Merwins La.	Leaking Underground Storage Tanks – Completed						
North Stratfield School	190 Putting Green Road	Leaking Underground Storage Tanks – Completed						
Oakhill Associates / Bob Manisealco	549 Brooklawn Road	Leaking Underground Storage Tanks – Completed						
Old Dam Recreational Building	50 Old Dam Road	Leaking Underground Storage Tanks – Rem. Started						
Oldfield Senior Center	100 Mona Terrace	Leaking Underground Storage Tanks – Completed						
Orazio Residence	44 Brookfield Ave.	Leaking Underground Storage Tanks – Investigation						
Osborne Hill Elementary School (education Center)	760 Stillson Avenue	Leaking Underground Storage Tanks – Completed						

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Palumbo	2687 Easton Turnpike	Leaking Underground Storage Tanks – Completed						
Pantano Residence	760 Galloping Hill Rd.	Leaking Underground Storage Tanks – Rem. Started						
Patty Chritie	130 Sasco Hill Terrace	Leaking Underground Storage Tanks – Completed						
Paul Gibian	715 Pequot Avenue	Leaking Underground Storage Tanks – Completed						
Pequot Trust Co.	292 Pequot Avenue	Leaking Underground Storage Tanks – Rem. Started						
Pequot Yacht Club	669 Harbor Road	Leaking Underground Storage Tanks – Pending						
Peter Dinardo	21 Castle Avenue	Leaking Underground Storage Tanks – Completed						
Peter Lendrum	233 Hanford Drive	Leaking Underground Storage Tanks – Completed						
Peter Mitchell	60 Pilgrim Ln	Leaking Underground Storage Tanks – Completed						
Peter Shchimann	89 Eunice Ave.	Leaking Underground Storage Tanks – Completed						
Picora Residence	127 Fairmont Terr.	Leaking Underground Storage Tanks – Completed						
Po	Marsh	Leaking Underground Storage Tanks – Completed						
Porsche Of Fairfield	475 Commerce Drive	Property Transfer – Form III Remediation Started	12/17/2014	5/27/2015				

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Porsche Of Fairfield (uag Fairfield Cp, Llc)	475 Commerce Drive	Property Transfer - Form IV Post Remedial Monitoring Started	5/1/2005	5/1/2005	5/1/2005		NO	
Post Dry Cleaners	1139 Post Road	Property Transfer – Form III Investigation started	4/16/2010					
Post Road Investors (former Dae Woo American Motors)	2243 Boston Post Road - 2269 Boston Post Road	Leaking Underground Storage Tanks – Completed						
Primo Zambardo	92 Edison Ave	Leaking Underground Storage Tanks – Completed						
Primo Zambardo	92 Edison Rd.	Leaking Underground Storage Tanks – Completed						
Raha Residence	1368 Burr Street	Leaking Underground Storage Tanks – Pending						
Rbc Heim Bearing Facility	60 Round Hill Road	Leaking Underground Storage Tanks – Completed						
Rbc Heim Bearings Division	60 Round Hill Road	CERCLIS						
Redgate Residence	131 Algonquin Road	Leaking Underground Storage Tanks – Completed						
Residential Property	1488 Sturges Highway	Leaking Underground Storage Tanks – Completed						
Residential Property	46 Barry Scott Drive	Leaking Underground Storage Tanks – Pending						
Richard Chevlier	1089 Churchhill Rd.	Leaking Underground Storage Tanks – Completed						
Richard Ford	438 Crestwood	Leaking Underground Storage Tanks – Completed						

## List of Contaminated or Potentially Contaminated Sites

“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
Ringelheim	135 Woody Lane	Leaking Underground Storage Tanks – Completed						
Rings End Plaza	1125-1139 Post Road	Property Transfer – Form III Investigation started	4/2/2014					
Rita Falvey	35 Quaker La.	Leaking Underground Storage Tanks – Completed						
Riverfield School	1625 Mill Plain Road	Leaking Underground Storage Tanks – Completed						
Robert Hacker	257 Colonial Dr	Leaking Underground Storage Tanks – Completed						
Robert Murray	144 Pratt St	Leaking Underground Storage Tanks – Completed						
Robert Myles	614 Roland Rd	Leaking Underground Storage Tanks – Completed						
Robert Petrucelli	686 Church Hill Rd	Leaking Underground Storage Tanks – Completed						
Robert Wiederlight	261 Old Academy Road	Leaking Underground Storage Tanks – Rem. Started						
Rodger Sherman School	250 Fern Street	Leaking Underground Storage Tanks – Completed						
Rodger Sullivan	180 Homestead Lane	Leaking Underground Storage Tanks – Completed						
Roller Bearing Co. / Imo Ind. / Heim	60 Round Hill Road	Property Transfer – Form III						
Roller Bearing Co. / Imo Ind./ Heim	60 Round Hill Road	Property Transfer – Form III Investigation started	7/9/1996					

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Roller Bearing Co. Of America Inc.	60 Round Hill Road	Property Transfer – Form III Investigation started	10/10/1997					
Rosenberg Residence	550 Town House Rd.	Leaking Underground Storage Tanks – Completed						
Rosenberg Residence	550 Town House Road	Leaking Underground Storage Tanks – Completed						
Rosenblum	96 Benedict Avenue	Leaking Underground Storage Tanks – Completed						
Royal Cleaners	1563 Post Road	Property Transfer – Form III						
Sacred Heart University	5151 Park Avenue	Leaking Underground Storage Tanks – Completed						
Sacred Heart University	Fairfield Ave.	Leaking Underground Storage Tanks – Completed						
Salvo's Cleaners	2425 Post Road	Property Transfer – Form IV Remediation Started	5/1/2002	5/1/2002				
Sam Urban	801 Post Rd	Leaking Underground Storage Tanks – Completed						
Schneider Res.	17 Buckboard Lane	Leaking Underground Storage Tanks – Completed						
Schofam Holdings Llc	74 Linwood Ave	Leaking Underground Storage Tanks – Completed						
Schon Property	164 Birchwood Rd.	Leaking Underground Storage Tanks – Investigation						
Schrier Brother's Inc.	81 Black Rock Turnpike	Leaking Underground Storage Tanks – Completed						

## List of Contaminated or Potentially Contaminated Sites

“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
Schwab Residence	440 Merwins Lane	Leaking Underground Storage Tanks – Completed						
Sgueglia Residence	500 Sasco Hill Rd.	Leaking Underground Storage Tanks – Completed						
Shapiro	40 Oldfarm Rd.	Leaking Underground Storage Tanks – Completed						
Sharon Davis	931 Old Post Road	Leaking Underground Storage Tanks – Completed						
Shell Facility #100066 (former)	3232 Boston Post Road	Property Transfer – Form III Investigation started	4/25/2008					
Shell Facility #136309	2047 Post Road	Property Transfer – Form III Remediation Started	5/28/2004	11/19/2013				
Sill Residence	320 Hanson Road	Leaking Underground Storage Tanks – Completed						
Silver Residence	133 Buena Vista Road	Leaking Underground Storage Tanks – Completed						
Sol Lobe	160 Wynnwood Dr.	Leaking Underground Storage Tanks – Completed						
Solomon Lobe	160 Wynnwood Rd	Leaking Underground Storage Tanks – Completed						
Sonitrol	1501 Kings Highway East	Leaking Underground Storage Tanks – Completed						
Sosin	702 Sasco Hill Rd.	Leaking Underground Storage Tanks – Completed						
South Benson Marina	471 Turney Road	Leaking Underground Storage Tanks – Rem. Started						

## List of Contaminated or Potentially Contaminated Sites

“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
South Pine Creek Road Disposal Area	South Pine Creek Road	Inventory of Hazardous Waste Disposal Sites						
Southport Green	80 Johns Street	Leaking Underground Storage Tanks – Rem. Started						
Sport Hhill Service Center (former Texaco)	2629 Easton Turnpike	Leaking Underground Storage Tanks – Rem. Started						
St. Johnsbury Trucking	251 State Street	Leaking Underground Storage Tanks – Completed						
St. Johnsbury Trucking Co., Inc.	251 Commerce Drive	Property Transfer – Form III Remediation Started	5/1/2002	4/14/2016				
State Of Connecticut Dot	488 Tunxis Hill Road	Leaking Underground Storage Tanks – Completed						
Stebbins	539 Verna Hill Road	Leaking Underground Storage Tanks – Completed						
Steenek	260 Shetland Road	Leaking Underground Storage Tanks – Completed						
Steven Davidson	343 Jackman Ave.	Leaking Underground Storage Tanks – Completed						
Steven Radziewicz	87 Overhill Rd	Leaking Underground Storage Tanks – Completed						
Stop & Go Transmission	State St. Ext.	Leaking Underground Storage Tanks – Completed						
Stop & Shop Fueling Facility (former Mobil Oil Service Station #01-hhp)	705 Villa Avenue	Leaking Underground Storage Tanks – Completed						

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“Hazardous Waste Facilities” as defined by Section 22a-134f of the Connecticut General Statutes

### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
Stop & Shop Supermarket	760 Villa Avenue	Voluntary Remediation: CGS 22a.-133x Investigation started	1/2/2003					
Stop And Shop	Rt 1 Stop And Shop Renovation Project	Leaking Underground Storage Tanks – Completed						
Sturm, Ruger & Company, Inc.	1 Lacy Place	Voluntary Remediation: CGS 22a.-133x Remediation Complete	6/19/1998			7/3/2008	NO	
Sun Company, Inc.	2405 Black Rock Turnpike	Property Transfer – Form III Investigation started	3/23/1998					
Sunny Khadjaur	2576 Redding Road	Leaking Underground Storage Tanks – Completed						
Sunoco	3683 Post Rd.	Leaking Underground Storage Tanks – Pending						
Sunoco Duns# 0005-4882	2405 Blackrock Turnpike	Leaking Underground Storage Tanks – Completed						
Superior Oil	King's Hwy.	Leaking Underground Storage Tanks – Completed						
Susan Grunebaum	212 Fairfield Place	Leaking Underground Storage Tanks – Completed						
Tal Realty Co., Inc. / Kings Highway Cutoff	220 Elliott Street (aka 160 Elliott Street)	Property Transfer – Form III Investigation started	8/4/1998					
Texaco Of Fairfield	350 Jennings Road	Property Transfer – Form III Remediation Started	11/14/2005	7/1/2010				
The Kitchen Mill	45-47 Halley Court	Property Transfer – Form III Investigation started	8/18/2011					
Thelma Ravitz	30 Autum Ridge Road	Leaking Underground Storage Tanks – Completed						

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<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
Timothy Finn	99 Old Academy Rd	Leaking Underground Storage Tanks – Completed						
Tisdale Residence	347 Penfield Road	Leaking Underground Storage Tanks – Completed						
Tobin Residence	104 Windemere Avenue	Leaking Underground Storage Tanks – Completed						
Tom Brennan	1241 Post Rd	Leaking Underground Storage Tanks – Completed						
Tom Bryant	185 Edwards Street	Leaking Underground Storage Tanks – Completed						
Tom Drewelus	86 Flax Rd	Leaking Underground Storage Tanks – Completed						
Town Garage And Bus Parking Lot (former Nike Building)	899 One Rod Highway	Leaking Underground Storage Tanks – Rem. Started						
Turnpike Mvp Cleaners Inc	2278 Black Rock Turnpike	Property Transfer – Form III Investigation started	8/31/2012					
United States Postal Service	402 Pequot Avenue	Leaking Underground Storage Tanks – Completed						
Universal Thread Grinding Company	30 Chamber Street	Property Transfer – Form III Remediation Started		3/4/2010				
Unknown	118 Myland Street	Leaking Underground Storage Tanks – Rem. Started						
Unknown	245 Harvister Road	Leaking Underground Storage Tanks – Rem. Started						

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### TOWN OF: FAIRFIELD

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Unknown	50 Oysyer Rd	Leaking Underground Storage Tanks – Completed						
Unknown	90 Parkwood Road	Leaking Underground Storage Tanks – Rem. Started						
Unquowa Place Partners 50 Llc	50 Unquowa Place	Leaking Underground Storage Tanks – Completed						
Us Army Reserves	180 High Street	Leaking Underground Storage Tanks – Completed						
Victor Liss Mobil 01-arb	112 Buckboard Lane	Leaking Underground Storage Tanks – Completed						
W.s. Rockwell Company, Inc.	200 Eliot Street	Property Transfer – Form III						
W.s. Rockwell Company, Inc.	220 Eliot Street	Property Transfer – Form III Investigation started	6/3/1996					
W.s. Rockwell Company, Inc.	680 Post Road	Property Transfer – Form III Investigation started	1/10/2000					
W.s. Rockwell Company, Inc.	680 Post Road	Property Transfer – Form III Investigation started	10/31/1996					
Wakeman Residence	59 Denise Terr.	Leaking Underground Storage Tanks – Completed						
Wallace Residence	59 Puritan Road	Leaking Underground Storage Tanks – Completed						
Weiner, Stephan	191 Casmir Drive	Leaking Underground Storage Tanks – Completed						
William Innett	94 Northfield Rd	Leaking Underground Storage Tanks – Completed						

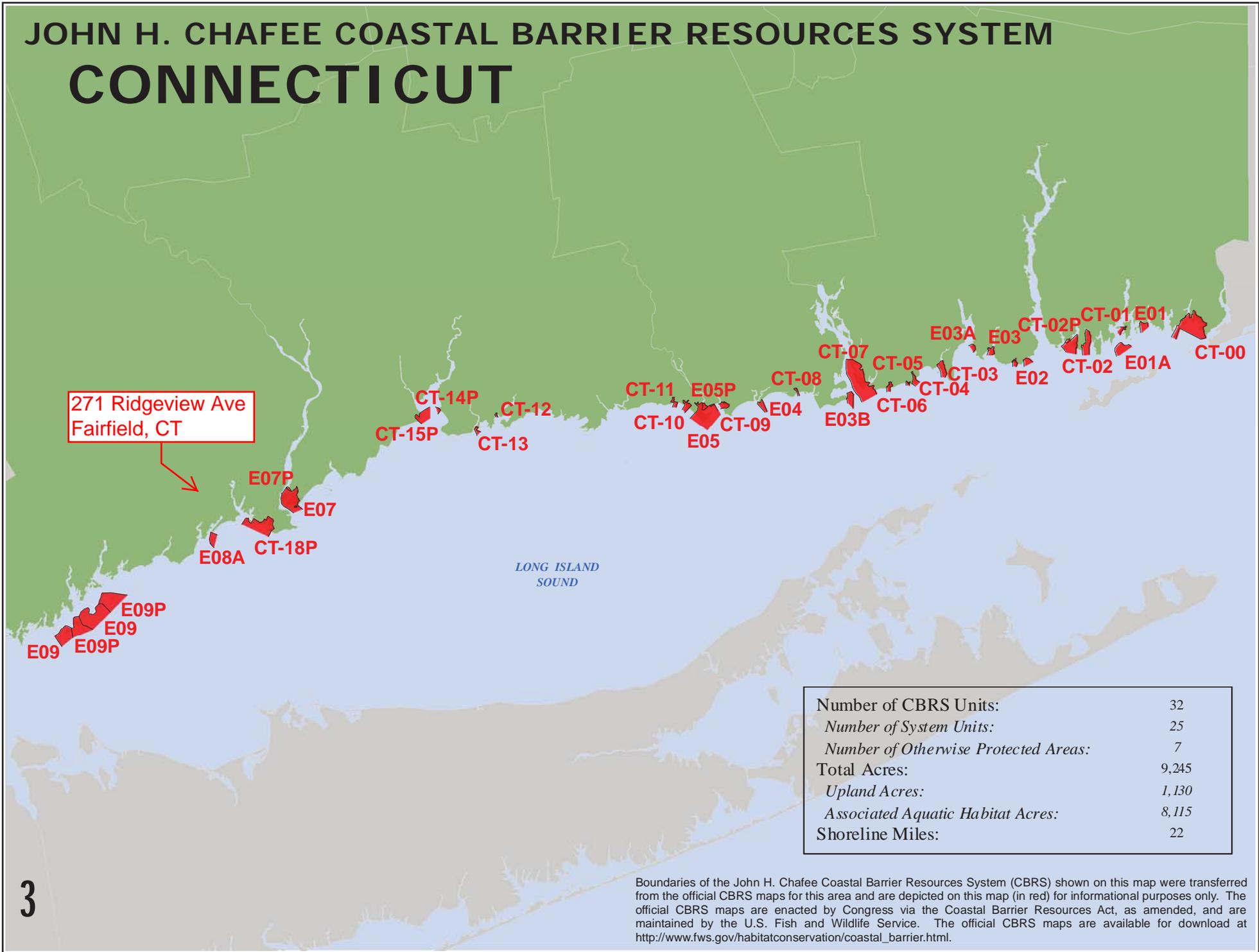
## List of Contaminated or Potentially Contaminated Sites

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### TOWN OF: FAIRFIELD

<u>Name</u>	<u>Address</u>	<u>Site Definition</u>	<u>Investigation Started</u>	<u>Remediation Started</u>	<u>Post Remedial Monitoring Started</u>	<u>Remediation Completed</u>	<u>ELUR</u>	<u>ELUR Type</u>
William Mason	684 Commerce Dr	Leaking Underground Storage Tanks – Completed						
William Redgate	26 Lock Major Rd	Leaking Underground Storage Tanks – Completed						
William Tocchi	85 Colonial Dr.	Leaking Underground Storage Tanks – Completed						
Wittstein Res.	345 Oldfarm Lane	Leaking Underground Storage Tanks – Investigation						
Yacht Club	Pequot Ave.	Leaking Underground Storage Tanks – Completed						
Zilliox, William	85 Farmington Avenue	Leaking Underground Storage Tanks – Completed						
Zuckerman Residence	172 Curtis Terrace	Leaking Underground Storage Tanks – Rem. Started						

# JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM CONNECTICUT





# RADON ANALYSIS REPORT

1675 North Commerce Parkway, Weston, FL 33326 (954) 384-4446

TEST ID NUMBER: 1071648  
DATE RECEIVED: 12/20/2016  
REPORT DATE: 12/21/2016

RAFAEL AMAYA  
271 RIDGEVIEW AVENUE  
FAIRFIELD, CT 06825

TEST LOCATION  
271 RIDGEVIEW AVENUE  
FAIRFIELD COUNTY  
FAIRFIELD, CT 06825

This is a confidential report of the radon samples that were submitted to our laboratory for measurements of radon-222 levels. The results represent the amount of radon that was present in the air during the time of sampling. The radon is measured in our laboratory using the liquid scintillation method (EPA 402-R-92-004). This report will not be released to anyone without your permission except as required by individual state laws and guidelines.

## HERE ARE YOUR TEST RESULTS

<u>VIAL #</u>	<u>ROOM TESTED</u>	<u>DATE OPENED</u>	<u>DATE CAPPED</u>	<u>DATE ANALYZED</u>	<u>RADON LEVEL</u>
4092225	BASEMENT	Dec 15, 2016 10:00 AM	Dec 19, 2016 10:00 AM	Dec 21, 2016 1:35 PM	2.4 pCi/L
4092474	BASEMENT	Dec 15, 2016 10:00 AM	Dec 19, 2016 10:00 AM	Dec 21, 2016 1:46 PM	2.2 pCi/L

**AVERAGE RADON LEVEL (average result of two tests) : 2.3 pCi/L**

**THE EPA RECOMMENDS THAT YOU FIX YOUR HOME IF THE RADON LEVEL IS 4 PICOCURIES (PCi/L) OR HIGHER.** Please read the EPA Citizen's Guide to Radon at [www.epa.gov/radon/pubs/citguide.html](http://www.epa.gov/radon/pubs/citguide.html). Residents of New Jersey should read "Radon Testing and Mitigation: The Basics" at <http://njradon.org/download/mitbas.pdf>. Radon levels less than 4 pCi/L still pose a risk. You may want to take additional measurements because radon levels can vary with the seasons. You may also want to consider doing a long term test to determine the average radon concentrations over a longer period of time. If the radon level is 4.0 pCi/L or higher you should perform either a long-term test or a second short-term test. If the radon level is higher than 10 pCi/L you should perform a second short-term test immediately. **If you would like to learn how to lower your radon levels, or have other questions, please contact your state radon office at (860) 509-7367.**

### LIMITATIONS OF DATA AND PRODUCT LIABILITY

PRO-LAB expressly disclaims any and all liability for any special, incidental, or consequential damages resulting directly or indirectly from the improper use of or improper interpretation of the radon product or its results. Any delays in receipt of the test sample by PRO-LAB shall be the sole responsibility of the purchaser and their legal remedy shall be limited to recourse with their chosen carrier. Additionally, PRO-LAB shall not be responsible for the improper placement of the test canister nor shall PRO-LAB be liable for results derived directly or indirectly from the improper placement of said test canister. PRO-LAB, its agents, its retailers, its distributors, and the manufacturers' sole liability are limited to the cost for the replacement of the test canister itself only.

Malissa Sears, RMS  
NEHA-NRPP CERT# 104126RT  
AARST ID#779

James E. McDonnell IV  
NEHA-NRPP ID# 103456RT  
AARST ID#558

PRO-LAB NEHA ID# 101461AL

program revision #: 031413



November 17, 2016

Revised December 28, 2016

**Amaya Architects  
284 Racebrook Rd  
Orange, CT 06477**

Attn: Rafael Amaya

**RE: Hazardous Building Materials Survey for Proposed Renovations  
Location: 271 Ridgeview Avenue Fairfield, CT  
Commission Number: 01.MH6.02**

Dear Mr. Amaya:

In accordance with our proposal, Loureiro Engineering Associates, Inc. (Loureiro) conducted hazardous building material sampling and analysis for: accessible suspect asbestos-containing materials (ACM's), lead-based paint and mold in the dwelling located at 271 Ridgeview Avenue, Fairfield, Connecticut. The purpose of the hazardous building material sampling and analysis was to identify suspect hazardous building materials prior to the proposed renovation of the site structure.

Please refer to Appendixes A, B and C for analytical results and chain of custody forms.

If you have any questions as you review the report, please contact me at 860-410-2945.

Sincerely,

**LOUREIRO ENGINEERING ASSOCIATES, INC.**

Steven M. Douglas  
Project Scientist

Jamie Roche  
Director, Environmental Services

Enclosures:

- Appendix A Table 1, Asbestos Laboratory Analysis Data
- Appendix B Table 2, Lead X-Ray Fluorescence Data
- Appendix C Table 3, Mold Laboratory Analysis Data
- Appendix D Staff and Laboratory Certifications

**Loureiro Engineering Associates, Inc.**

100 Northwest Drive • Plainville, CT 06062 • 860.747.6181 • Fax 860.747.8822 • www.Loureiro.com

AN EMPLOYEE-OWNED COMPANY

13C,D,F



## **1.0 INTRODUCTION**

### **1.1 Purpose**

Loureiro was retained by Amaya Architects to conduct hazardous building material sampling and analysis of accessible: suspect asbestos-containing materials (ACM's), test surfaces for lead-based paint and conduct mold testing in the dwelling as needed that may be impacted by the proposed renovation of said dwelling. The asbestos inspection was completed in accordance with the Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAPS) 40 CFR part 61. The Lead-based paint survey was conducted with an XRF direct reading instrument in accordance with the Department of Housing & Urban Development (HUD) testing guidelines.

### **1.2 Special Terms and Conditions**

Loureiro was contracted to perform an investigative survey of all accessible interior and exterior spaces. These areas included the living spaces, attic, porches, exterior areas and accessible roofing. Inaccessible areas were generally identified as above or behind documented finish materials. Estimated quantities and approximate locations of ACM's as presented were based on the visual observations at the time of the survey. Visual observations were made to determine the ACM quantities. Every attempt was made to locate all suspect materials. However, additional materials may be discovered above hard ceilings or behind walls, or below grade during demolition or renovation. Loureiro did not perform destructive investigation for verification of any additional suspect materials.



## **2.0 ASBESTOS INVESTIGATIVE SURVEY**

### **2.1 General Summary**

The following asbestos survey section presents the survey results, methods, and conclusions based on survey findings. A summary of material descriptions, locations and quantities are presented in Table 1, found in Appendix A. Laboratory results are found in Appendix A.

### **2.2 Methodology**

As required by the U.S. Occupational Safety & Health Administration (OSHA), the U.S. Environmental Protection Agency (EPA), and the State of Connecticut Department of Public Health (DPH), sampling was performed by an EPA AHERA-accredited and DPH-certified asbestos inspector (see Appendix C). Sampling was done in a manner to prevent airborne fiber release. Samples were placed in appropriately labeled containers that were sealed and submitted to the laboratory for analysis. The samples were submitted for analysis using the EPA-endorsed Polarized Light Microscopy EPA 600/R-93/116 (PLM) method. The percentage of asbestos present in each sample was determined by the visual area estimation technique.

Samples were collected using a wet technique to prevent airborne fiber release. Each suspect material was sampled using hand tools through its entire thickness to ensure that a complete cross section was obtained. The sample was then placed in an appropriately labeled container, which was sealed and submitted to the laboratory for analysis.

### **2.3 Results of Sampling and Analysis for Asbestos**

Asbestos was identified in the joint compound applied to the sheetrock walls. The table found in Appendix A illustrates each type of suspect asbestos-containing material identified, whether the materials are classified as ACM or not ACM based upon the analytical results and the bulk sample chain of custody forms:



### 3.0 LEAD-BASED PAINT SURVEY

The Lead-based paint survey was conducted with an X-Ray Fluorescent (XRF) direct reading instrument in accordance with the Department of Housing & Urban Development (HUD) testing guidelines. These protocols were developed for residential or day care facilities and were adopted by the Connecticut Childhood Lead Poisoning Prevention Regulations (CLPPR). The Lead-paint reports were prepared using the CLPPR threshold of 1 mg/cm<sup>2</sup>.

The State of Connecticut and the U.S. Department of Housing and Urban Development (HUD) have developed technical guidelines for testing, abatement, cleanup, and disposal of lead-based paint in specific types of buildings such as public and Indian housing, and locations where children below the age of six years old reside. These guidelines define the regulated level of lead paint (Toxic Level of Lead) as paint containing greater than 1.0 milligrams lead per square centimeter (mg/cm<sup>2</sup>) of surface as measured on-site by an X-ray fluorescent analyzer or more than 0.50 percent lead by dry weight as measured by Atomic Absorption Spectrometry (AAS).

For the purposes of this report, all paints containing detectable amounts of lead are considered lead-based paints. This action is taken because OSHA regulates lead in construction based on airborne exposures and it cannot be ensured that lead paint with concentrations of lead less than 1.0 mg/cm<sup>2</sup> or 0.50% mass will not result in exposures exceeding the OSHA standard.

A summary of the XRF tested components, descriptions and locations are presented in Table 2, found in Appendix B.



## 4.0 MOLD

Loureiro observed water damage and staining or mold growths on finish materials in the garage and rear bedroom of the dwelling. Loureiro also observed water damage, staining or mold growths on unfinished materials in the attic and basement of the dwelling. The impacted surfaces were sampled via tape lift method and analyzed via direct microscopic examination in order to determine mold type and relative concentration of the mold. The samples were labeled and delivered with a Chain of Custody to EMSL, which is located in Cinnaminson, NJ. The samples were analyzed by direct examination optical microscopy for mold species identification and quantification. EMSL is an American Industrial Hygiene Association (AIHA) approved Laboratory. A summary of material descriptions and locations are presented in Table 3, found in Appendix C. Laboratory results are found in Appendix C.

Laboratory testing confirmed the presence of *Alternaria*, *Aspergillus/Penicillium*, *Cladosporium*, *Phoma*, *Basidiospores*, *Ascospores*, *Ulocladium* and other unidentifiable spores ranging from rare to high concentrations on surfaces. Hyphal or fruiting structures were also present indicating active mold colonies. These mold types along with the presence of hyphal structures, indicates that continued mold growth is likely. *Aspergillus/Penicillium*, *Cladosporium* and *Alternaria* type mold are often associated with buildings having water or moisture problems. Microbiological growth can produce offensive odors and can produce upper respiratory allergy-like symptoms if it is disturbed and the spores inhaled.

*Alternaria* spores are one of the most common and potent indoor and outdoor airborne allergens. Synergy with *Cladosporium* or *Ulocladium* may increase the severity of symptoms

### REPORT LIMITATIONS CRITERIA

Information contained in the mold report is based on site observations, sample results relevant to the scope of work for this survey. Conclusions of this report are based on the survey, study, and/or investigation. This is not to be interpreted as a complete compilation of all existing information pertaining to the site conditions.

It should be noted that site conditions observed during this investigation may change based on any number of influencing factors and/or environmental variables such as fluctuations in indoor and outdoor temperatures, humidity and seasonal changes in sunlight. These factors can influence the spread and concentration of molds as they change. The attached report and analytical data materials are not intended to guarantee that the investigated site is, or is not, free from conditions, which could pose a threat or hazard to human health or safety. Should further research on the site be conducted, any additional data should be submitted to Loureiro for review and revisions as necessary.

This report is intended for the sole use of the Client, and may not be used or relied upon by others without the written consent of the Client. The scope of work conducted in performing this



service for the Client may not be appropriate to satisfy the needs of other Parties, and the use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

The criteria used to evaluate the survey results includes, but is not limited to, guidelines recommended by the:

- American Conference of Governmental Industrial Hygienists (ACGIH);
- The American Society for Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE);
- The U.S. Environmental Protection Agency (EPA);
- The American Industrial Hygiene Association (AIHA);
- The American Indoor Air Quality Council (AIAQC);
- Indoor Environmental Standards Organization (IESO);
- The Institute of Inspection Cleaning and Restoration Certification (IICRC);
- The National Air Duct Cleaners Association (NADCA);
- The New York City Department of Health;

Any comments and/or questions in regards this report should be directed to Loureiro Engineering.



## 5.0 RECOMMENDATIONS

In accordance with the OSHA regulations (29 CFR Part 1926.1101 and 1910.1001), all potential contractors bidding on work must first be informed of the results of this survey. In addition, notification regarding the presence of the ACM must be provided to all employees and tenants who occupy an area containing ACM.

In accordance with EPA National Emissions Standards for Hazardous Air Pollutants (NESHAPS) regulations (40 CFR Part 61), building owners must remove all ACM from a facility (or area of a facility) before any activity begins that would break up, dislodge, or similarly disturb the ACM. Disturbance of asbestos-containing material can only be done by trained and licensed individuals and contractors.

Any material that was identified as negative for asbestos may be removed at will and disposed of as standard construction debris as long as it does not disturb any asbestos-containing material. In addition, any new building materials that has not previously been identified shall be assumed to contain asbestos until the material has been properly tested.

- Asbestos containing materials identified during the survey, as well as estimated abatement costs, are as follows:

ACM Material	Quantity	Per unit abatement cost estimate	Total Abatement Cost
Joint Compound House	7,819 S.F.	\$6	\$46,914
Joint Compound Garage	1,500 S.F.	\$6	\$9,000
Consulting Fees			\$11,183
		<b>Subtotal</b>	<b>\$67,097</b>

During any renovation or demolition process, safe work procedures must be implemented by properly lead-paint trained workers employed by contractors to address worker protection, lead exposure controls, waste stream management, and ambient air quality monitoring. Specifically, contractors will be required to comply with all applicable OSHA regulations including 29 CFR 1926.62, "Lead Exposure in Construction: Interim Final Rule" and 29 CFR 1926.59, "Hazard Communication for the Construction Industry". In addition, pre-disposal lead-waste testing requirements must be complied with.



Per the HUD and Connecticut regulations Toxic Levels of lead-paint (>1.0 mg/cm<sup>2</sup>) were identified in the dwelling tested. Measurable levels of lead were detected in painted surfaces. OSHA regulations require personal protective equipment (PPE) or proper engineering controls for procedures such as dry scraping or sanding that may generate lead emissions. Loureiro recommends component removal, wet sanding or the use of local exhaust ventilation with High Efficiency Particulate Air (HEPA) filtration during preparation procedures prior to repainting should any lead-paint be disturbed during renovation.

- Lead-Based Paint identified during the survey, as well as estimated abatement costs, are as follows:

Lead-Painted Components	Quantity	Per unit abatement cost estimate	Total Abatement Cost
Barn Board Siding	240 S.F.	\$10 / S.F.	\$2,400
Consulting Fees			\$500
		<b>Subtotal</b>	<b>\$2,900</b>

- Loureiro recommends contracting a qualified mold remediation contractor to remove all mold affected surfaces and treatment of structural studs, headers, etc. prior to renovations.

Mold Contaminated Components	Quantity	Per unit abatement cost estimate	Total Abatement Cost
Basement Wall	120 S.F.	\$8	\$960
Garage Ceiling/Wall	30 S.F.	\$6	\$180
Attic Roofing Plywood	50 S.F.	\$10	\$500
Consulting Fees			\$500
		<b>Subtotal</b>	<b>\$2,140</b>

**Project Total                    \$72,137.00**

## **Appendix A**

### **Asbestos Laboratory Analysis Data**

**Table 1 –ACM Summary**

<b>Sample</b>	<b>Description</b>	<b>Location</b>	<b>Quantity</b>	<b>Results</b>
100516-1a	Gypsum Board-White	Garage	N/A	Non-Detect
100516-1b	Gypsum Board-White	Kitchen	N/A	Non-Detect
100516-1c	Gypsum Board-White	Family Room	N/A	Non-Detect
100516-1d	Gypsum Board-White	Master Bedroom	N/A	Non-Detect
100516-1e	Gypsum Board-White	Office	N/A	Non-Detect
<b>100516-2a</b>	<b>Joint Compound-Tan</b>	<b>Garage</b>	<b>1,500 SF</b>	<b>2% Chysotile</b>
<b>100516-2b</b>	<b>Joint Compound-Tan</b>	<b>Kitchen</b>	<b>6,094 SF</b>	<b>2% Chysotile</b>
<b>100516-2c</b>	<b>Joint Compound-Tan</b>	<b>Family Room</b>	<b>1,120 SF</b>	<1% Chysotile
<b>100516-2d</b>	<b>Joint Compound-Tan</b>	<b>Master Bedroom</b>	<b>605 SF</b>	<1% Chysotile
<b>100516-2e</b>	<b>Joint Compound-Tan</b>	<b>Office</b>	<b>6,094 SF</b>	<b>2% Chysotile</b>
100516-3a	Exterior Window Glazing	Garage	N/A	Non-Detect
100516-3b	Exterior Window Glazing	Laundry	N/A	Non-Detect
100516-3c	Exterior Window Glazing	Family Room	N/A	Non-Detect
100516-4a,b	Grout for Ceramic Floor Tile	Laundry Room Closet	N/A	Non-Detect
100516-5a	Textured Ceiling Coating-Sand	Master Bedroom	N/A	Non-Detect
100516-5b	Textured Ceiling Coating-Sand	Second Floor Bathroom	N/A	Non-Detect
100516-5c	Textured Ceiling Coating-Sand	Office	N/A	Non-Detect
100516-6a,b,c	Textured Ceiling Coating-Rough	Master Bathroom	N/A	Non-Detect
100516-7a,b	Grout for 6" Ceramic Floor Tile	Master Bathroom	N/A	Non-Detect
100516-8a,b,c	Black Roofing Paper	Exterior Roofing	N/A	Non-Detect
100516-9a,b,c	Gray Asphalt Roof Shingle-Bottom Layer	Exterior Roofing	N/A	Non-Detect
100516-10a,b,c	Gray Asphalt Roof Shingle-Middle Layer	Exterior Roofing	N/A	Non-Detect
100516-11a,b,c	Gray Asphalt Roof Shingle-Top Layer	Exterior Roofing	N/A	Non-Detect
100516-12a,b,c	Pressboard Insulation-Behind Exterior Siding	Exterior Roofing	N/A	Non-Detect

Please refer to the Appendices specific to the Laboratory results and chain of custody forms.



# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

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

<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order: 041627965

Customer ID: LOUR62

Customer PO:

Project ID:

**Attention:** Jamie Roche  
Loureiro Engineering Associates, Inc.  
100 Northwest Drive  
Plainville, CT 06062

**Phone:** (860) 747-6181

**Fax:** (860) 747-8822

**Received Date:** 10/08/2016 10:00 AM

**Analysis Date:** 10/10/2016 - 10/13/2016

**Collected Date:** 10/05/2016

**Project:** 271 Ridgeview Avenue, Fairfield / 01MH6.01

## 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
100516-1A <small>041627965-0001</small>	Garage - Gypsum Board White	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
100516-1B <small>041627965-0002</small>	Kitchen - Gypsum Board White	White Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
100516-1C <small>041627965-0003</small>	Family Room - Gypsum Board White	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
100516-1D <small>041627965-0004</small>	Master Bed - Gypsum Board White	White Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
100516-1E <small>041627965-0005</small>	Office - Gypsum Board White	Brown Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
100516-2A <small>041627965-0006</small>	Garage - Joint Compound Tan	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
100516-2B <small>041627965-0007</small>	Kitchen - Joint Compound Tan	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
100516-2C <small>041627965-0008</small>	Family Room - Joint Compound Tan	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
100516-2D <small>041627965-0009</small>	Master Bed - Joint Compound Tan	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
100516-2E <small>041627965-0010</small>	Office - Joint Compound Tan	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
100516-3A <small>041627965-0011</small>	Garage - Exterior Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-3B <small>041627965-0012</small>	Laundry Room - Exterior Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-3C <small>041627965-0013</small>	Family Room - Exterior Window Glazing	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-4A <small>041627965-0014</small>	Laundry Room Closet - Ceramic Floor Tile Grout	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-4B <small>041627965-0015</small>	Laundry Room Closet - Ceramic Floor Tile Grout	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-5A <small>041627965-0016</small>	Master Bed - Textured Ceiling Coating	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected

Report amended: 10/13/2016 11:45:40 Replaces initial report from: 10/10/2016 14:10:34 Reason Code: Client-Additional Analysis



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**EMSL Order:** 041627965  
**Customer ID:** LOUR62  
**Customer PO:**  
**Project ID:**

## 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
100516-5B <small>041627965-0017</small>	2nd Bath - Textured Ceiling Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-5C <small>041627965-0018</small>	Office - Textured Ceiling Coating	Brown/White Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
100516-6A <small>041627965-0019</small>	Master Bath - Textured Ceiling Coating Rough	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
100516-6B <small>041627965-0020</small>	Master Bath - Textured Ceiling Coating Rough	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
100516-6C <small>041627965-0021</small>	Master Bath - Textured Ceiling Coating Rough	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
100516-7A <small>041627965-0022</small>	Master Bath - Textured Ceiling Coating Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-7B <small>041627965-0023</small>	Master Bath - Textured Ceiling Coating Rough	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
100516-8A <small>041627965-0024</small>	Exterior Roof - Black Roofing Paper	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
100516-8B <small>041627965-0025</small>	Exterior Roof - Black Roofing Paper	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
100516-8C <small>041627965-0026</small>	Exterior Roof - Black Roofing Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
100516-9A <small>041627965-0027</small>	Exterior Roof - Bottom Layer- Greay Asphalt Roof Shingle	Gray/Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
100516-9B <small>041627965-0028</small>	Exterior Roof - Bottom Layer- Greay Asphalt Roof Shingle	Gray/Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
100516-9C <small>041627965-0029</small>	Exterior Roof - Bottom Layer- Greay Asphalt Roof Shingle	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
100516-10A <small>041627965-0030</small>	Exterior Roof - Gray Asphalt Roof Shingle- 2nd Layer	Gray/Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
100516-10B <small>041627965-0031</small>	Exterior Roof - Gray Asphalt Roof Shingle- 2nd Layer	Gray/Black Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
100516-10C <small>041627965-0032</small>	Exterior Roof - Gray Asphalt Roof Shingle- 2nd Layer	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
100516-11A <small>041627965-0033</small>	Exterior Roof - Gray Asphalt Roof Shingle- Top Layer	Gray/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
100516-11B <small>041627965-0034</small>	Exterior Roof - Gray Asphalt Roof Shingle- Top Layer	Gray/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
100516-11C <small>041627965-0035</small>	Exterior Roof - Gray Asphalt Roof Shingle- Top Layer	Various Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected

Report amended: 10/13/2016 11:45:40 Replaces initial report from: 10/10/2016 14:10:34 Reason Code: Client-Additional Analysis



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**EMSL Order:** 041627965  
**Customer ID:** LOUR62  
**Customer PO:**  
**Project ID:**

## 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
100516-12A <i>041627965-0036</i>	Exterior - Pressboard Insulation behind Exterior Siding	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
100516-12B <i>041627965-0037</i>	Exterior - Pressboard Insulation behind Exterior Siding	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
100516-12C <i>041627965-0038</i>	Exterior - Pressboard Insulation behind Exterior Siding	Brown Fibrous Homogeneous	100% Cellulose		None Detected

Analyst(s)

- Benjamin Verghese (1)*
- Daniel Fricker (3)*
- Dave Poitras (11)*
- Edward Zambrano (23)*

Benjamin Ellis, 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

Report amended: 10/13/2016 11:45:40 Replaces initial report from: 10/10/2016 14:10:34 Reason Code: Client-Additional Analysis



# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041627965

EMSL ANALYTICAL, INC  
29 NORTH PLAINS DR, #4  
WALLINGFORD, CT 06492

PHONE: (203) 284-5948  
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

Company : Loureiro Engineering Associates		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 100 Northwest Dr		Third Party Billing requires written authorization from third party	
City: Plainville	State/Province: CT	Zip/Postal Code: 06062	Country:
Report To (Name): Jamie Roche / Steven Douglas		Telephone #: 860-747-6181 / 413-222-5715	
Email Address: jaroche@Loureiro.com SMDouglas@loureiro.com		Fax #: 860-747-8822	Purchase Order:
Project Name/Number: 271 Ridgerow Ave, Fairfield - 01766.01		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CT		Connecticut Samples: <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Residential	

**Turnaround Time (TAT) Options\* - Please Check**

3 Hour   
  6 Hour   
  24 Hour   
  48 Hour   
  72 Hour   
  96 Hour   
  1 Week   
  2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. \*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
<b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 <b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique <b>Other:</b> <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group    Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: Steve Douglas    Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
100516-1A	Gypsum Board Whib - Garage	Bulk	10/05/16
1B	Kitchen	I I I I I I I I	15 OCT - 8 AM 10:04 CHAMBERS NJ EMSL
1C	Family Rm.		
1D	Master Bed		
1E	Office		
2A	Joint Compound - Turn Garage		
2B	Kitchen		
2C	Family Rm		

Client Sample # (s): 100516 -    Total # of Samples:

Relinquished (Client): Steve Douglas    Date: 10/5/16    Time:

Received (Lab): *[Signature]*    Date: 10-8-2016    Time: 10:00 AM

Comments/Special Instructions:

38



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**Asbestos Chain of Custody**  
EMSL Order Number (Lab Use Only):

041627965

EMSL ANALYTICAL, INC  
4 FAIRFIELD BLVD.  
WALLINGFORD, CT 06492  
PHONE: (203) 284-5978  
FAX: (203) 284-5978

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
100516-20	Joint Compound - Tan - Master Bed	Bulk	100516
2E	Office		
3A	Exterior Window Glazing - Garage		
3B	Laundry Room		
3C	Family Rm		
4AB	Ceramic Floor Tile Grout - Laundry Rm Closet		
5A	Textured Ceiling Coating - Sand - Master Bed		
5B	2nd Bath		
5C	Office		
6ABC	Textured Ceiling Coating - Rough - Master Bath		
7AB	Grout for 6" Blue Ceramic FT - Master Bath		
8ABC	Black Roofing Paper - Exterior Roof		
9ABC	(Bottom Layer) Gray Asphalt Roof Shingle - Exterior Roof		
10ABC	Gray Asphalt Roof Shingle - (2nd Layer)		
11ABC	Gray Asphalt Roof Shingle - (Top Layer)		
12ABC	Pressboard Insulation Behind Exterior Siding - Exterior		

16 OCT - 8 AM 10:04  
 CINCINNATI  
 EMSL  
 J. W. HOSKINS, JR.

\*Comments/Special Instructions:

PLM Positive Step

## **Appendix B**

### **Lead X-Ray Fluorescence Data**

**Table 2 – Lead Paint - XRF Results**

<b>Room / Area</b>	<b>Component</b>	<b>Side</b>	<b>Paint Color</b>	<b>Substrate (Condition)</b>	<b>Results (mg/cm<sup>2</sup>)</b>
Laundry Room	Wall	A	Gray	Drywall-Good	0.0
Laundry Room	Wall	B	Gray	Drywall-Good	0.0
Laundry Room	Wall	C	Gray	Drywall-Good	0.0
Laundry Room	Wall	D	Gray	Drywall-Good	0.0
Laundry Room	Ceiling	-	White	Drywall-Good	0.0
Laundry Room	Door	B	White	Wood-Good	0.0
Laundry Room	Door	B	White	Wood-Good	0.0
Laundry Room	Door Jamb	B	White	Wood-Good	0.0
Laundry Room	Door Frame	B	White	Wood-Good	0.0
Laundry Room	Door	A	White	Metal-Good	0.0
Laundry Room	Door Jamb	A	White	Wood-Good	0.0
Laundry Room	Door Frame	A	White	Wood-Good	0.0
Laundry Room	Door	C	White	Metal-Good	0.0
Laundry Room	Door Jamb	C	White	Wood-Good	0.0
Laundry Room	Door Frame	C	White	Wood-Good	0.0
Laundry Room	Window Sill	C	White	Wood-Good	0.0
Laundry Room	Window Sash	C	White	Wood-Good	0.0
Laundry Room	Window Frame	C	White	Wood-Good	0.0
Laundry Room	Baseboard	A	White	Wood-Good	0.0
Kitchen	Wall	A	Gray	Drywall-Good	0.0
Kitchen	Wall	B	Gray	Drywall-Good	0.0
Kitchen	Wall	C	Gray	Drywall-Good	0.0
Kitchen	Wall	D	Gray	Drywall-Good	0.0
Kitchen	Ceiling	-	White	Drywall-Good	0.0
Kitchen	Door Jamb	A	White	Wood-Good	0.0
Kitchen	Door Frame	A	White	Wood-Good	0.0
Kitchen	Window Sill	C	White	Wood-Good	0.0
Kitchen	Window Frame	C	White	Wood-Good	0.0
Kitchen	Baseboard	A	White	Wood-Good	0.0
Living Room	Wall	A	Beige	Wood-Good	0.0
Living Room	Wall	B	Beige	Drywall-Good	0.0
Living Room	Wall	C	Beige	Drywall-Good	0.0
Living Room	Wall	D	Beige	Wood-Good	0.0
Living Room	Ceiling	-	White	Drywall-Good	0.0
Living Room	Floor	-	Stain	Wood-Good	0.0
Living Room	Door Jamb	B	White	Wood-Good	0.0
Living Room	Door Frame	B	White	Wood-Good	0.0
Living Room	Window Sill	D	White	Wood-Good	0.0
Living Room	Window Frame	D	White	Wood-Good	0.0

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm <sup>2</sup> )
Living Room	Window Sash	D	White	Wood-Good	0.0
Living Room	Baseboard	A	White	Wood-Good	0.0
First Floor Bathroom	Wall	A	Wall Paper	Drywall-Good	0.0
First Floor Bathroom	Wall	B	Wall Paper	Drywall-Good	0.0
First Floor Bathroom	Wall	C	Wall Paper	Drywall-Good	0.0
First Floor Bathroom	Wall	D	Wall Paper	Drywall-Good	0.0
First Floor Bathroom	Ceiling	-	White	Drywall-Good	0.0
First Floor Bathroom	Window Sill	C	White	Wood-Good	0.0
First Floor Bathroom	Window Frame	C	White	Wood-Good	0.0
First Floor Bathroom	Window Sash	C	White	Wood-Good	0.0
First Floor Bathroom	Door Jamb	A	White	Wood-Good	0.0
First Floor Bathroom	Door Frame	A	White	Wood-Good	0.0
First Floor Bathroom	Baseboard	A	White	Wood-Good	0.0
First Floor Bathroom	Baseboard Radiator	C	White	Metal-Good	0.0
First Floor Bathroom	Crown Molding	A	White	Wood-Good	0.0
Dining Room	Wall	A	Purple	Drywall-Good	0.0
Dining Room	Wall	B	Purple	Drywall-Good	0.0
Dining Room	Wall	C	Purple	Drywall-Good	0.0
Dining Room	Wall	D	Purple	Drywall-Good	0.0
Dining Room	Ceiling	-	White	Drywall-Good	0.0
Dining Room	Window Sill	A	White	Wood-Good	0.0
Dining Room	Window Frame	A	White	Wood-Good	0.0
Dining Room	Window Sash	A	White	Wood-Good	0.0
Dining Room	Door Jamb	D	White	Wood-Good	0.0
Dining Room	Door Frame	D	White	Wood-Good	0.0
Dining Room	Baseboard	C	White	Wood-Good	0.0
Dining Room	Baseboard Radiator	B	Purple	Metal-Good	0.0
Dining Room	Chair Rail Molding	A	White	Wood-Good	0.0
Entry	Wall	A	Wall Paper	Drywall-Good	0.0
Entry	Wall	B	Wall Paper	Drywall-Good	0.0
Entry	Wall	C	Wall Paper	Drywall-Good	0.0

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm <sup>2</sup> )
Entry	Wall	D	Wall Paper	Drywall-Good	0.0
Entry	Ceiling	-	Wall Paper	Drywall-Good	0.0
Entry	Floor	-	Stain	Wood-Good	0.0
Entry	Door	A	White	Wood-Good	0.0
Entry	Door Jamb	A	White	Wood-Good	0.0
Entry	Door Frame	A	White	Wood-Good	0.0
Entry	Door	D	White	Wood-Good	0.0
Entry	Door Jamb	D	White	Wood-Good	0.0
Entry	Door Frame	D	White	Wood-Good	0.0
Stairway	Wall	B	Wall Paper	Drywall-Good	0.0
Stairway	Wall	D	Wall Paper	Drywall-Good	0.0
Stairway	Ceiling	-	Wall Paper	Drywall-Good	0.0
Stairway	Stair Tread	-	Stain	Wood-Good	0.0
Stairway	Stair Riser	C	White	Wood-Good	0.0
Stairway	Stair Stringer	B	Stain	Wood-Good	0.0
Stairway	Newel Post	D	Stain	Wood-Good	0.0
Stairway	Stair Railing	D	White	Wood-Good	0.0
Family Room	Wall	A	Tan	Drywall-Good	0.0
Family Room	Wall	B	Tan	Drywall-Good	0.0
Family Room	Wall	C	Tan	Drywall-Good	0.0
Family Room	Wall	D	Tan	Drywall-Good	0.0
Family Room	Ceiling	-	White	Drywall-Good	0.0
Family Room	Window Sill	A	White	Wood-Good	0.0
Family Room	Window Frame	A	White	Wood-Good	0.0
Family Room	Window Sash	A	White	Wood-Good	0.0
Family Room	Baseboard	A	White	Wood-Good	0.0
Family Room	Baseboard Radiator	C	White	Metal-Good	0.0
Master Bedroom	Wall	A	White	Drywall-Good	0.0
Master Bedroom	Wall	B	White	Drywall-Good	0.0
Master Bedroom	Wall	C	White	Drywall-Good	0.0
Master Bedroom	Wall	D	White	Drywall-Good	0.0
Master Bedroom	Ceiling	-	White	Drywall-Good	0.0
Master Bedroom	Window Sill	A	White	Wood-Good	0.0
Master Bedroom	Window Frame	A	White	Wood-Good	0.0
Master Bedroom	Window Sash	A	White	Wood-Good	0.0
Master Bedroom	Baseboard	C	White	Wood-Good	0.0
Master Bedroom	Baseboard Radiator	A	White	Metal-Good	0.0
Master Bedroom	Door	D	White	Wood-Good	0.0
Master Bedroom	Door Jamb	D	White	Wood-Good	0.0

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm <sup>2</sup> )
Master Bedroom	Door Frame	D	White	Wood-Good	0.0
Master Bathroom	Wall	A	Blue	Drywall-Good	0.0
Master Bathroom	Wall	B	Blue	Drywall-Good	0.0
Master Bathroom	Wall	C	Blue	Drywall-Good	0.0
Master Bathroom	Wall	D	Blue	Drywall-Good	0.0
Master Bathroom	Ceiling	-	White	Drywall-Good	0.0
Master Bathroom	Wall	B	White	Wood-Good	0.0
Master Bathroom	Wall	C	White	Wood-Good	0.0
Master Bathroom	Wall	D	White	Wood-Good	0.0
Master Bathroom	Window Sill	C	White	Wood-Good	0.0
Master Bathroom	Window Frame	C	White	Wood-Good	0.0
Master Bathroom	Window Sash	C	White	Wood-Good	0.0
Master Bathroom	Baseboard	C	White	Wood-Good	0.0
Master Bathroom	Baseboard Radiator	C	White	Metal-Good	0.0
Master Bathroom	Door Jamb	A	White	Wood-Good	0.0
Master Bathroom	Door Frame	A	White	Wood-Good	0.0
Master Bathroom	Door	A	White	Wood-Good	0.0
Second Floor Bathroom	Wall	A	Red	Drywall-Good	0.0
Second Floor Bathroom	Wall	B	Red	Drywall-Good	0.0
Second Floor Bathroom	Wall	C	Red	Drywall-Good	0.0
Second Floor Bathroom	Wall	D	Red	Drywall-Good	0.0
Second Floor Bathroom	Ceiling	-	White	Drywall-Good	0.0
Second Floor Bathroom	Window Sill	C	White	Wood-Good	0.0
Second Floor Bathroom	Window Frame	C	White	Wood-Good	0.0
Second Floor Bathroom	Window Sash	C	White	Wood-Good	0.0
Second Floor Bathroom	Baseboard Radiator	C	White	Metal-Good	0.0
Second Floor Bathroom	Door Jamb	A	White	Wood-Good	0.0
Second Floor Bathroom	Door Frame	A	White	Wood-Good	0.0
Front Bedroom	Wall	A	Blue	Drywall-Good	0.0
Front Bedroom	Wall	B	Blue	Drywall-Good	0.0
Front Bedroom	Wall	C	Blue	Drywall-Good	0.0
Front Bedroom	Wall	D	Blue	Drywall-Good	0.0

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm <sup>2</sup> )
Front Bedroom	Ceiling	-	White	Drywall-Good	0.0
Front Bedroom	Window Sill	D	White	Wood-Good	0.0
Front Bedroom	Window Frame	D	White	Wood-Good	0.0
Front Bedroom	Window Sash	D	White	Wood-Good	0.0
Front Bedroom	Baseboard Radiator	D	White	Metal-Good	0.0
Front Bedroom	Door Jamb	B	White	Wood-Good	0.0
Front Bedroom	Door Frame	B	White	Wood-Good	0.0
Office	Wall	A	Gray	Drywall-Good	0.0
Office	Wall	B	Gray	Drywall-Good	0.0
Office	Wall	C	Gray	Drywall-Good	0.0
Office	Wall	D	Gray	Drywall-Good	0.0
Office	Ceiling	-	White	Drywall-Good	0.0
Office	Window Sill	A	White	Wood-Good	0.0
Office	Window Frame	A	White	Wood-Good	0.0
Office	Window Sash	A	White	Wood-Good	0.0
Office	Door	C	White	Wood-Good	0.0
Office	Door Jamb	C	White	Wood-Good	0.0
Office	Door Frame	C	White	Wood-Good	0.0
Office	Baseboard	C	White	Wood-Good	0.0
Office	Baseboard Radiator	A	White	Metal-Good	0.0
Hallway	Wall	A	Wall Paper	Drywall-Good	0.0
Hallway	Wall	B	Wall Paper	Drywall-Good	0.0
Hallway	Wall	C	Wall Paper	Drywall-Good	0.0
Hallway	Wall	D	Wall Paper	Drywall-Good	0.0
Hallway	Ceiling	-	White	Drywall-Good	0.0
Hallway	Floor	-	Stain	Wood-Good	0.0
Rear Bedroom	Wall	A	Red	Drywall-Good	0.0
Rear Bedroom	Wall	B	Red	Drywall-Good	0.0
Rear Bedroom	Wall	C	Red	Drywall-Good	0.0
Rear Bedroom	Wall	D	Red	Drywall-Good	0.0
Rear Bedroom	Ceiling	-	White	Drywall-Good	0.0
Rear Bedroom	Window Sill	C	White	Wood-Good	0.0
Rear Bedroom	Window Frame	C	White	Wood-Good	0.0
Rear Bedroom	Window Sash	C	White	Wood-Good	0.0
Rear Bedroom	Baseboard Radiator	C	White	Metal-Good	0.0
Rear Bedroom	Door Jamb	B	White	Wood-Good	0.0
Rear Bedroom	Door Frame	B	White	Wood-Good	0.0
Exterior	Cedar Siding	C	Green	Wood-Good	0.0
Exterior	Window Frame	C	White	Wood-Good	0.0
Exterior	Door Frame	C	White	Wood-Good	0.0
Exterior	Deck Railing	C	White	Wood-Defective	0.0

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm <sup>2</sup> )
Exterior	Deck Floorboards	C	White	Wood-Defective	0.0
Exterior	Deck Post	C	White	Wood-Defective	0.0
Exterior	Deck Joist	C	White	Wood-Defective	0.0
Exterior	Exterior Soffit	C	White	Wood-Good	0.8
Exterior	Cedar Siding	D	Green	Wood-Good	0.0
Exterior	Cedar Siding	A	Green	Wood-Good	0.0
<b>Exterior</b>	<b>Barn-Board Siding</b>	<b>A</b>	<b>White</b>	<b>Wood-Good</b>	<b>1.2</b>
Exterior	Door	A	Black	Wood-Good	0.66
Exterior	Porch Overhang Post	A	White	Wood-Good	0.66
Exterior	Exterior Soffit	A	White	Wood-Good	0.67
Exterior	Porch Ceiling	A	White	Wood-Good	0.74
Exterior	Garage Door	A	White	Wood-Good	0.48
Exterior	Garage Door Frame	A	White	Wood-Good	0.64
Exterior	Garage Door Jamb	A	White	Wood-Good	0.0
Exterior	Cedar Siding	B	Green	Wood-Good	0.0
Exterior	Window Frame	B	White	Wood-Good	0.25
Exterior	Window Sash	B	White	Wood-Good	0.0

## **Appendix C**

### **Mold Laboratory Analysis Data**

**Table 3 – Mold Summary Results**

<b>Sample Number Location</b>	<b>Fungi Detected</b>	<b>Fungi Concentration</b>	<b>Comments</b>
TL-1 Garage Wall & Ceiling	Alternaria Ascospores Aspergillus/Penicillium Cladosporium Ulocladium Unidentifiable Spores Phoma	Medium Low Low High Low Medium High	Active Colonies Active Colonies Active Colonies Active Colonies Active Colonies Active Colonies Active Colonies
TL-2 Basement Wall	Ascospores Aspergillus/Penicillium Basidiospores	Rare Medium Rare	Active Colonies Active Colonies Active Colonies
TL-3 Attic Ceiling/Roof	Aspergillus/Penicillium Cladosporium	Rare Rare	Active Colonies Active Colonies
TL-4 Rear Bedroom Ceiling	Non Detect	N/A	N/A

Please refer to the Appendices specific to the Laboratory results and chain of custody forms.



# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
Phone/Fax: (800) 220-3675 / (856) 786-0262  
<http://www.EMSL.com> / [cinnmicrolab@emsl.com](mailto:cinnmicrolab@emsl.com)

Order ID: 371619448  
Customer ID: LOUR62  
Customer PO:  
Project ID:

**Attn:** Jamie Roche  
Loureiro Engineering Associates, Inc.  
100 Northwest Drive  
Plainville, CT 06062

Phone: (860) 747-6181  
Fax: (860) 747-8822  
Collected: 10/05/2016  
Received: 10/08/2016  
Analyzed: 10/11/2016

**Proj:** 271 Ridgeview Ave, Fairfield 01MH6.01

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

Lab Sample Number:	371619448-0001	371619448-0002	371619448-0003	371619448-0004	
Client Sample ID:	TL-1	TL-2	TL-3	TL-4	
Sample Location:	Garage Wall / Drywall	Basement Wall- Concrete	Attic Roof- Plywood	Rear Bedroom- Drywall	
Spore Types	Category	Category	Category	Category	-
Agrocybe/Coprinus	-	-	-	-	-
Alternaria	*Medium*	-	-	-	-
Ascospores	*Low*	Rare	-	-	-
Aspergillus/Penicillium	Low	Medium	Rare	-	-
Basidiospores	-	Rare	-	-	-
Bipolaris++	-	-	-	-	-
Chaetomium	-	-	-	-	-
Cladosporium	*High*	-	Rare	-	-
Curvularia	-	-	-	-	-
Epicoccum	-	-	-	-	-
Fusarium	-	-	-	-	-
Ganoderma	-	-	-	-	-
Myxomycetes++	-	-	-	-	-
Paecilomyces	-	-	-	-	-
Rust	-	-	-	-	-
Scopulariopsis	-	-	-	-	-
Stachybotrys	-	-	-	-	-
Torula	-	-	-	-	-
Ulocladium	*Low*	-	-	-	-
Unidentifiable Spores	*Medium*	-	-	-	-
Zygomycetes	-	-	-	-	-
Phoma	*High*	-	-	-	-
Fibrous Particulate	-	Low	-	-	-
Hyphal Fragment	-	Rare	-	-	-
Insect Fragment	-	Rare	-	Rare	-
Pollen	-	-	-	-	-

**Sample Comment:** 371619448-0001 Sample contains LOW amount of dust mites.

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.

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

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. 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: 10/11/2016 13:59:48

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



Microbiology Laboratory Chain of Custody

EMSL Order Number (Lab Use Only):

371619448

Wallingford, CT  
4 Fairfield Blvd  
Wallingford, CT 06492  
PHONE: (203) 264-5948  
FAX: (203) 284-5978

Company: Loureiro Engineering Associates, Inc  
 Street: 100 Northwest Dr  
 City/State/Zip: Plainville, CT 06062  
 Report To (Name): Jamie Roche / Steve Douglas  
 Telephone: 860-747-6181 / 413-233-5715  
 Project Name/Number: 271 Ridgeview Ave, Fairfield 01MH6.01  
 Please Provide Results: Email Purchase Order: State Samples Taken: CT Connecticut Samples:  Commercial  Residential

EMSL-Bill to:  Same  Different  
 If Bill is Different note instructions in Comments\*\*  
 Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options\* - Please Check

3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

\*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements

Non Culturable Air Samples (Spore Traps)

- M001 Air-O-Cell
- M049 BioSIS
- M030 Micro 5
- M173 Allegro M2
- M003 Burkard
- M174 MoldSnap
- M004 Allergenco
- M043 Cyclex
- M176 Relle Smart
- M032 Allergenco-D
- M002 Cyclex-d
- M130 Via-Cell
- M172 Versa Trap

Other Microbiology Test Codes

- M041 Fungal Direct Examination
- M005 Viable Fungi ID and Count
- M006 Viable Fungi ID and Count (Speciation)
- M007 Culturable Fungi
- M008 Culturable Fungi (Speciation)
- M009 Gram Stain Culturable Bacteria
- M010 Bacterial Count and ID - 3 Most Prominent
- M011 Bacterial Count and ID - 5 Most Prominent
- M013 Sewage Contamination in Buildings
- M014 Endotoxin Analysis
- M015 Heterotrophic Plate Count
- M180 Real Time Q-PCR-ERMI 36
- Panel
- M018 Total Coliform (Membrane Filtration)
- M020 Fecal Streptococcus (Membrane Filtration)
- M210-215 Legionella Detection
- M026 Recreational Water Screen
- M027 Mycotoxin Analysis
- M029 Enterococci
- M019 Fecal Coliform
- M133 MRSA Analysis
- M028 Cryptococcus neoformans Detection
- M120 Histoplasma capsulatum Detection
- M033-39 Allergen Testing
- M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)
- Other See Analytical Price Guide

Preservation Method (Water):

Name of Sampler: Steven Douglas Signature of Sampler: *[Signature]*

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
TL-1	Garage Wall / Drywall	Tape 1.0L	M041	-	10/05/16
TL-2	Basement Wall - Concrete			-	
TL-3	Attic Roof - Plywood			-	
TL-4	Rear Bedroom - Drywall			-	

Client Sample # (s): TL-1-4 Total # of Samples: 4

Relinquished (Client): Date: Time:

Received (Client): *[Signature]* *[Signature]* Date: 10-8-2016 Time: 10:00 AM

Comments/Special Instructions:

RECEIVED  
EMSL  
CINNAMINSON, NJ  
16 OCT - 8 AM 10:09

## **Appendix D**

### **Staff and Laboratory Certifications**

**STATE OF CONNECTICUT**

**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

**ASBESTOS CONSULTANT-PROJECT MONITOR**

STEVEN M. DOUGLAS

CERTIFICATE NO.

000578

CURRENT THROUGH

09/30/17

VALIDATION NO.

03-547806

  
SIGNATURE

  
COMMISSIONER

**STATE OF CONNECTICUT**

**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

**ASBESTOS CONSULTANT-INSP/MGMT PLANNER**

STEVEN M DOUGLAS

CERTIFICATE NO.

000287

CURRENT THROUGH

09/30/17

VALIDATION NO.

03-547807

  
SIGNATURE

  
COMMISSIONER

**STATE OF CONNECTICUT**

**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

**LEAD INSPECTOR RISK ASSESSOR**

STEVEN M DOUGLAS

CERTIFICATE NO.

002229

CURRENT THROUGH

09/30/17

VALIDATION NO.

03-530660

  
SIGNATURE

  
COMMISSIONER

United States Department of Commerce  
National Institute of Standards and Technology



**Certificate of Accreditation to ISO/IEC 17025:2005**

NVLAP LAB CODE: 101048-0

**EMSL Analytical, Inc.**  
Cinnaminson, NJ

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:*

**Asbestos Fiber Analysis**

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2016-07-01 through 2017-06-30

*Effective Dates*



  
For the National Voluntary Laboratory Accreditation Program



LOUREIRO ENGINEERING ASSOCIATES INC  
100 NORTHWEST DR  
PLAINVILLE CT 06062-1559



Dear LOUREIRO ENGINEERING ASSOCIATES INC,

Attached you will find your validated license for the coming year. Should you have any questions about your license renewal, please do not hesitate to write or call:

Department of Public Health  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308

(860) 509-7603  
oplc.dph@ct.gov  
www.ct.gov/dph/license

Sincerely,

RAUL PINO, MD, MPH, ACTING COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

EMPLOYER'S COPY

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
LOUREIRO ENGINEERING ASSOCIATES INC

VALIDATION NO. 03-372321	LICENSE NO. 002068	CURRENT THROUGH 12/31/16
-----------------------------	-----------------------	-----------------------------

PROFESSION  
LEAD CONSULTANT CONTRACTOR

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
ACTING COMMISSIONER

STATE OF CONNECTICUT  
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  
LEAD CONSULTANT CONTRACTOR

LOUREIRO ENGINEERING ASSOCIATES INC	LICENSE NO. 002068
	CURRENT THROUGH 12/31/16
	VALIDATION NO. 03-372321

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
ACTING COMMISSIONER

INSTRUCTIONS:

1. Detach and sign each of the cards on this form
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
LOUREIRO ENGINEERING ASSOCIATES INC

VALIDATION NO. 03-372321	LICENSE NO. 002068	CURRENT THROUGH 12/31/16
-----------------------------	-----------------------	-----------------------------

PROFESSION  
LEAD CONSULTANT CONTRACTOR

\_\_\_\_\_  
SIGNATURE

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ACTING COMMISSIONER

1001240-0001248-0000001 of 00000001-C01-a1d00101-0664-01243



Choose a Photo Base

Photo Base:  
Inland Wetland Soils

