CONNECTICUT SOILS
EAST HAVEN, CONNECTICUT

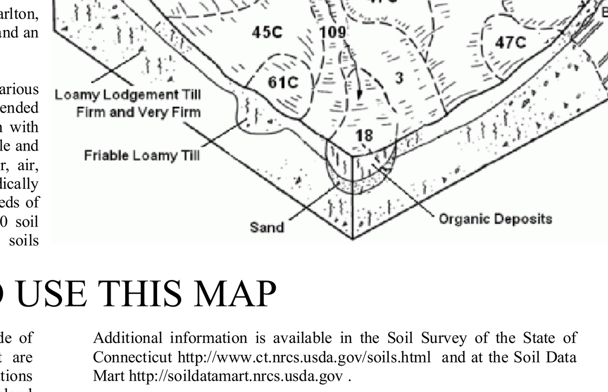
Map Symbiol	Map Unit	Map Symbiol	Map Unit
2	Ridgebury fine sandy loam	90B	Stockbridge loam, 3 to 8 percent slopes
3	Ridgebury, Leicester, and Whitman soils, extremely stony	90C	Stockbridge loam, 8 to 15 percent slopes
4	Leicester fine sandy loam	90D	Stockbridge loam, 15 to 25 percent slopes
5	Wilbraham silt loam	91B	Stockbridge loam, 3 to 8 percent slopes, very stony
6	Wilbraham and Menlo soils, extremely stony	91C	Stockbridge loam, 8 to 15 percent slopes, very stony
7	Mudgepond silt loam	91D	Stockbridge loam, 15 to 35 percent slopes, very stony
8	Mudgepond and Alden soils, extremely stony	92B	Nellis fine sandy loam, 3 to 8 percent slopes
9	Scitico, Shaker, and Maybid soils	92C	Nellis fine sandy loam, 8 to 15 percent slopes
10	Raynham silt loam	92D	Nellis fine sandy loam, 15 to 25 percent slopes
12	Raypol silt loam	93C	Nellis fine sandy loam, 3 to 15 percent slopes, very stony
13	Walpole sandy loam	94C	Farmington-Nellis complex, 3 to 15 percent slopes, very rocky
14	Fredon silt loam	94E	Farmington-Nellis complex, 15 to 35 percent slopes, very rocky
15	Scarboro muck	95C	Farmington-Rock outcrop complex, 3 to 15 percent slopes
16	Halsey silt loam	95E	Farmington-Rock outcrop complex, 15 to 45 percent slopes
17	Timakwa and Natchaug soils	96	Ipswich mucky peat
18	Catden and Freetown soils	97	Pawcatuck mucky peat
20A	Ellington silt loam, 0 to 5 percent slopes	98	Westbrook mucky peat
21A	Ninigret and Tisbury soils, 0 to 5 percent slopes	99	Westbrook mucky peat, low salt
22A	Hero gravelly loam, 0 to 3 percent slopes	100	Suncook loamy fine sand
22B	Hero gravelly loam, 3 to 8 percent slopes	101	Occum fine sandy loam
23A	Sudbury sandy loam, 0 to 5 percent slopes	102	Pootatuck fine sandy loam
24A	Deerfield loamy fine sand, 0 to 3 percent slopes	103	Rippowam fine sandy loam
25A	Brancroft silt loam, 0 to 3 percent slopes	104	Bash silt loam
25B	Brancroft silt loam, 3 to 8 percent slopes	105	Hadley silt loam
25C	Brancroft silt loam, 8 to 15 percent slopes	106	Winooski silt loam
26A	Berlin silt loam, 0 to 3 percent slopes	107	Limerick and Lim soils
26B	Berlin silt loam, 3 to 8 percent slopes	108	Saco silt loam
27A	Belgrade silt loam, 0 to 5 percent slopes	109	Fluvaquents-Udifluvents complex, frequently flooded
28A	Elmridge fine sandy loam, 0 to 3 percent slopes	221A	Ninigret-Urban land complex, 0 to 5 percent slopes
28B	Elmridge fine sandy loam, 3 to 8 percent slopes	224A	Deerfield-Urban land complex, 0 to 3 percent slopes
29A	Agawam fine sandy loam, 0 to 3 percent slopes	225B	Brancroft-Urban land complex, 0 to 8 percent slopes
29B	Agawam fine sandy loam, 3 to 8 percent slopes	226B	Berlin-Urban land complex, 0 to 8 percent slopes
29C	Agawam fine sandy loam, 8 to 15 percent slopes	228B	Elmridge-Urban land complex, 0 to 8 percent slopes
30A	Branford silt loam, 0 to 3 percent slopes	229B	Agawam-Urban land complex, 0 to 8 percent slopes
30B	Branford silt loam, 3 to 8 percent slopes	229C	Agawam-Urban land complex, 8 to 15 percent slopes
30C	Branford silt loam, 8 to 15 percent slopes	230B	Branford-Urban land complex, 0 to 8 percent slopes
31A	Copake fine sandy loam, 0 to 3 percent slopes	230C	Branford-Urban land complex, 8 to 15 percent slopes
31B	Copake fine sandy loam, 3 to 8 percent slopes	232B	Haven-Urban land complex, 0 to 8 percent slopes
31C	Copake gravelly loam, 8 to 15 percent slopes	234B	Merrimac-Urban land complex, 0 to 8 percent slopes
32A	Haven and Enfield soils, 0 to 3 percent slopes	235B	Penwood-Urban land complex, 0 to 8 percent slopes
32B	Haven and Enfield soils, 3 to 8 percent slopes	236B	Windsor-Urban land complex, 0 to 8 percent slopes
32C	Haven and Enfield soils, 8 to 15 percent slopes	237A	Manchester-Urban land complex, 0 to 3 percent slopes
33A	Hartford sandy loam, 0 to 3 percent slopes	237C	Manchester-Urban land complex, 3 to 15 percent slopes
33B	Hartford sandy loam, 3 to 8 percent slopes	238A	Hinckley-Urban land complex, 0 to 3 percent slopes
34A	Merrimac sandy loam, 0 to 3 percent slopes	238C	Hinckley-Urban land complex, 3 to 15 percent slopes
34B	Merrimac sandy loam, 3 to 8 percent slopes	240B	Ludlow-Urban land complex, 0 to 8 percent slopes
34C	Merrimac sandy loam, 8 to 15 percent slopes	243B	Rainbow-Urban land complex, 0 to 8 percent slopes
35A	Penwood loamy sand, 0 to 3 percent slopes	245B	Woodbridge-Urban land complex, 0 to 8 percent slopes
35B	Penwood loamy sand, 3 to 8 percent slopes	245C	Woodbridge-Urban land complex, 8 to 15 percent slopes
36A	Windsor loamy sand, 0 to 3 percent slopes	248B	Georgia-Urban land complex, 2 to 8 percent slopes
36B	Windsor loamy sand, 3 to 8 percent slopes	250B	Sutton-Urban land complex, 0 to 8 percent slopes
36C	Windsor loamy sand, 8 to 15 percent slopes	253B	Wapping-Urban land complex, 0 to 8 percent slopes
37A	Manchester gravelly sandy loam, 0 to 3 percent slopes	255B	Watchaug-Urban land complex, 0 to 8 percent slopes
37C	Manchester gravelly sandy loam, 3 to 15 percent slopes	260B	Charlton-Urban land complex, 3 to 8 percent slopes
37E	Manchester gravelly sandy loam, 15 to 45 percent slopes	260C	Charlton-Urban land complex, 8 to 15 percent slopes
38A	Hinckley gravelly sandy loam, 0 to 3 percent slopes	260D	Charlton-Urban land complex, 15 to 25 percent slopes
38C	Hinckley gravelly sandy loam, 3 to 15 percent slopes	263B	Cheshire-Urban land complex, 3 to 8 percent slopes
38E	Hinckley gravelly sandy loam, 15 to 45 percent slopes	263C	Cheshire-Urban land complex, 8 to 15 percent slopes
39A	Groton gravelly sandy loam, 0 to 3 percent slopes	266B	Narragansett-Urban land complex, 3 to 8 percent slopes
39C	Groton gravelly sandy loam, 3 to 15 percent slopes	269B	Yalesville-Urban land complex, 3 to 8 percent slopes
39E	Groton gravelly sandy loam, 15 to 45 percent slopes	269C	Yalesville-Urban land complex, 8 to 15 percent slopes
40A	Ludlow silt loam, 0 to 3 percent slopes	273C	Urban land-Charlton-Chatfield complex, rocky, 3 to 15 percent slopes
40B	Ludlow silt loam, 3 to 8 percent slopes	273E	Urban land-Charlton-Chatfield complex, rocky, 15 to 45 percent slopes
41B	Ludlow silt loam, 2 to 8 percent slopes, very stony	275C	Urban land-Chatfield complex, rocky, 3 to 15 percent slopes
42C	Ludlow silt loam, 2 to 15 percent slopes, extremely stony	275E	Urban land-Chatfield-Rock outcrop complex, 15 to 45 percent slopes
43A	Rainbow silt loam, 0 to 3 percent slopes	282B	Broadbrook-Urban land complex, 3 to 8 percent slopes
43B	Rainbow silt loam, 3 to 8 percent slopes	284B	Paxton-Urban land complex, 3 to 8 percent slopes
44B	Rainbow silt loam, 2 to 8 percent slopes, very stony	284C	Paxton-Urban land complex, 8 to 15 percent slopes
45A	Woodbridge fine sandy loam, 0 to 3 percent slopes	284D	Paxton-Urban land complex, 15 to 25 percent slopes
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	287B	Wethersfield-Urban land complex, 3 to 8 percent slopes
45C	Woodbridge fine sandy loam, 8 to 15 percent slopes	287C	Wethersfield-Urban land complex, 8 to 15 percent slopes
46B	Woodbridge fine sandy loam, 2 to 8 percent slopes, very stony	287D	Wethersfield-Urban land complex, 15 to 25 percent slopes
46C	Woodbridge fine sandy loam, 8 to 15 percent slopes, very stony	290B	Stockbridge-Urban land complex, 3 to 8 percent slopes
47C	Woodbridge fine sandy loam, 2 to 15 percent slopes, extremely stony	290C	Stockbridge-Urban land complex, 8 to 15 percent slopes
48B	Georgia and Amenia silt loams, 2 to 8 percent slopes	290D	Stockbridge-Urban land complex, 15 to 25 percent slopes
48C	Georgia and Amenia silt loams, 8 to 15 percent slopes	301	Beaches-Udipsamments complex, coastal
49B	Georgia and Amenia silt loams, 3 to 8 percent slopes, very stony	302	Dumps
49C	Georgia and Amenia silt loams, 8 to 15 percent slopes, very stony	303	Pits, quarries
50A	Sutton fine sandy loam, 0 to 3 percent slopes	304	Udorthents, loamy, very steep
50B	Sutton fine sandy loam, 3 to 8 percent slopes	305	Udorthents-Pits complex, gravelly
51B	Sutton fine sandy loam, 2 to 8 percent slopes, very stony	306	Udorthents-Urban land complex
52C	Sutton fine sandy loam, 2 to 15 percent slopes, extremely stony	307	Urban land
53A	Wapping very fine sandy loam, 0 to 3 percent slopes	308	Udorthents, smoothed
53B	Wapping very fine sandy loam, 3 to 8 percent slopes	309	Udorthents, flood control
54B	Wapping very fine sandy loam, 2 to 8 percent slopes, very stony	310	Udorthents, periodically flooded
55A	Watchaug fine sandy loam, 0 to 3 percent slopes	401C	Macomber-Taconic complex, 3 to 15 percent slopes, very rocky
55B	Watchaug fine sandy loam, 3 to 8 percent slopes	402D	Taconic-Macomber-Rock outcrop complex, 15 to 25 percent slopes
56B	Watchaug fine sandy loam, 2 to 8 percent slopes, very stony	403C	Taconic-Rock outcrop complex, 3 to 15 percent slopes
57B	Gloucester gravelly sandy loam, 3 to 8 percent slopes	403E	Taconic-Rock outcrop complex, 15 to 45 percent slopes
57C	Gloucester gravelly sandy loam, 8 to 15 percent slopes	403F	Taconic-Rock outcrop complex, 45 to 70 percent slopes
57D	Gloucester gravelly sandy loam, 15 to 25 percent slopes	405C	Dummerston gravelly loam, 3 to 15 percent slopes, very stony
58B	Gloucester gravelly sandy loam, 3 to 8 percent slopes, very stony	405E	Dummerston gravelly loam, 15 to 45 percent slopes, very stony
58C	Gloucester gravelly sandy loam, 8 to 15 percent slopes, very stony	407C	Lanesboro loam, 3 to 15 percent slopes, very stony
59C	Gloucester gravelly sandy loam, 3 to 15 percent slopes, extremely stony	407E	Lanesboro loam, 15 to 45 percent slopes, very stony
59D	Gloucester gravelly sandy loam, 15 to 35 percent slopes, extremely stony	408C	Fullam silt loam, 3 to 15 percent slopes, very stony
60B	Canton and Charlton soils, 3 to 8 percent slopes	409B	Brayton mucky silt loam, 0 to 8 percent slopes, very stony
60C	Canton and Charlton soils, 8 to 15 percent slopes	412B	Bice fine sandy loam, 3 to 8 percent slopes
60D	Canton and Charlton soils, 15 to 25 percent slopes	412C	Bice fine sandy loam, 8 to 15 percent slopes
61B	Canton and Charlton soils, 3 to 8 percent slopes, very stony	412D	Bice fine sandy loam, 15 to 25 percent slopes
61C	Canton and Charlton soils, 8 to 15 percent slopes, very stony	413C	Bice-Millsite complex, 3 to 15 percent slopes, very rocky
62C	Canton and Charlton soils, 3 to 15 percent slopes, extremely stony	413E	Bice-Millsite complex, 15 to 45 percent slopes, very rocky
62D	Canton and Charlton soils, 15 to 35 percent slopes, extremely stony	414	Fredon silt loam, cold
63B	Cheshire fine sandy loam, 3 to 8 percent slopes	415C	Westminster-Millsite-Rock outcrop complex, 3 to 15 percent slopes
63C	Cheshire fine sandy loam, 8 to 15 percent slopes	415E	Westminster-Millsite-Rock outcrop complex, 15 to 45 percent slopes
63D	Cheshire fine sandy loam, 15 to 25 percent slopes	416E	Rock outcrop-Westminster complex, 8 to 45 percent slopes
64B	Cheshire fine sandy loam, 3 to 8 percent slopes, very stony	416F	Rock outcrop-Westminster complex, 45 to 70 percent slopes
64C	Cheshire fine sandy loam, 8 to 15 percent slopes, very stony	417B	Bice fine sandy loam, 3 to 8 percent slopes, very stony
65C	Cheshire fine sandy loam, 3 to 15 percent slopes, extremely stony	417C	Bice fine sandy loam, 8 to 15 percent slopes, very stony
65D	Cheshire fine sandy loam, 15 to 35 percent slopes, extremely stony	417D	Bice fine sandy loam, 15 to 25 percent slopes, very stony
66B	Narragansett silt loam, 2 to 8 percent slopes	418C	Schroon fine sandy loam, 2 to 15 percent slopes, very stony
66C	Narragansett silt loam, 8 to 15 percent slopes	420A	Schroon fine sandy loam, 0 to 3 percent slopes
67B	Narragansett silt loam, 3 to 8 percent slopes, very stony	420B	Schroon fine sandy loam, 3 to 8 percent slopes
67C	Narragansett silt loam, 8 to 15 percent slopes, very stony	421A	Ninigret fine sandy loam, cold, 0 to 3 percent slopes
68C	Narragansett silt loam, 3 to 15 percent slopes, extremely stony	423A	Sudbury sandy loam, cold, 0 to 3 percent slopes
68D	Narragansett silt loam, 15 to 25 percent slopes, extremely stony	424B	Shelburne fine sandy loam, 3 to 8 percent slopes
69B	Yalesville fine sandy loam, 3 to 8 percent slopes	424C	Shelburne fine sandy loam, 8 to 15 percent slopes
69C	Yalesville fine sandy loam, 8 to 15 percent slopes	424D	Shelburne fine sandy loam, 15 to 25 percent slopes
70C	Branford-Holyoke complex, 3 to 15 percent slopes, very rocky	425B	Shelburne fine sandy loam, 3 to 8 percent slopes, very stony
71C	Brookfield-Brimfield-Rock outcrop complex, 3 to 15 percent slopes	425C	Shelburne fine sandy loam, 8 to 15 percent slopes, very stony
71E	Brookfield-Brimfield-Rock outcrop complex, 15 to 45 percent slopes	426D	Shelburne fine sandy loam, 15 to 35 percent slopes, extremely stony
73C	Charlton-Chatfield complex, 3 to 15 percent slopes, very rocky	427B	Ashfield fine sandy loam, 2 to 8 percent slopes, very stony
73E	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky	427C	Ashfield fine sandy loam, 8 to 15 percent slopes, very stony
74C	Narragansett-Hollis complex, 3 to 15 percent slopes, very rocky	428A	Ashfield fine sandy loam, 0 to 3 percent slopes
75C	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes	428B	Ashfield fine sandy loam, 3 to 8 percent slopes
75E	Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes	428C	Ashfield fine sandy loam, 8 to 15 percent slopes
76E	Rock outcrop-Hollis complex, 3 to 45 percent slopes	429A	Agawam fine sandy loam, cold, 0 to 3 percent slopes
76F	Rock outcrop-Hollis complex, 45 to 60 percent slopes	429B	Agawam fine sandy loam, cold, 3 to 8 percent slopes
77C	Cheshire-Holyoke complex, 3 to 15 percent slopes, very rocky	429C	Agawam fine sandy loam, cold, 8 to 15 percent slopes
77D	Cheshire-Holyoke complex, 15 to 35 percent slopes, very rocky	433	Moosilauke sandy loam
78C	Holyoke-Rock outcrop complex, 3 to 15 percent slopes	434A	Merrimac sandy loam, cold, 0 to 3 percent slopes
78E	Holyoke-Rock outcrop complex, 15 to 45 percent slopes	434B	Merrimac sandy loam, cold, 3 to 8 percent slopes
79E	Rock outcrop-Holyoke complex, 3 to 45 percent slopes	434C	Merrimac sandy loam, cold, 8 to 15 percent slopes
80B	Bernardston silt loam, 3 to 8 percent slopes	435	Scarboro muck, cold
80C	Bernardston silt loam, 8 to 15 percent slopes	436	Halsey silt loam, cold
81C	Bernardston silt loam, 3 to 15 percent slopes, extremely stony	437	Wonsqueak mucky peat
81D	Bernardston silt loam, 15 to 25 percent slopes, extremely stony	438	Bucksport muck
82B	Broadbrook silt loam, 3 to 8 percent slopes	440A	Boscawen gravelly sandy loam, 0 to 3 percent slopes
82C	Broadbrook silt loam, 8 to 15 percent slopes	440C	Boscawen gravelly sandy loam, 3 to 15 percent slopes
82D	Broadbrook silt loam, 15 to 25 percent slopes	440E	Boscawen gravelly sandy loam, 15 to 45 percent slopes
83B	Broadbrook silt loam, 3 to 8 percent slopes, very stony	442	Brayton loam
83C	Broadbrook silt loam, 8 to 15 percent slopes, very stony	443	Brayton-Loonmeadow complex, extremely stony
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	448B	Hogansburg loam, 3 to 8 percent slopes
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes	449B	Hogansburg loam, 3 to 8 percent slopes, very stony
84D	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes	449C	Hogansburg loam, 8 to 15 percent slopes, very stony
85B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, very stony	450B	Pyrities loam, 3 to 8 percent slopes
85C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony	450C	Pyrities loam, 8 to 15 percent slopes
86C	Paxton and Montauk fine sandy loams, 3 to 15 percent slopes, extremely stony	450D	Pyrities loam, 15 to 25 percent slopes
86D	Paxton and Montauk fine sandy loams, 15 to 35 percent slopes, extremely stony	451B	Pyrities loam, 3 to 8 percent slopes, very stony
87B	Wethersfield loam, 3 to 8 percent slopes	451C	Pyrities loam, 8 to 15 percent slopes, very stony
87C	Wethersfield loam, 8 to 15 percent slopes	451D	Pyrities loam, 15 to 25 percent slopes, very stony
87D	Wethersfield loam, 15 to 25 percent slopes	457	Mudgepond silt loam, cold
88B	Wethersfield loam, 3 to 8 percent slopes, very stony	458	Mudgepond and Alden soils, extremely stony, cold
88C	Wethersfield loam, 8 to 15 percent slopes, very stony	501	Ondawa fine sandy loam
89C	Wethersfield loam, 3 to 15 percent slopes, extremely stony	503	Rumney fine sandy loam
89D	Wethersfield loam, 15 to 35 percent slopes, extremely stony	508	Medomak silt loam

EXPLANATION

Soils occur in a repeating and recognizable pattern on the landscape. Soil maps are made by separating the landscape into map units. Each soil map unit differs in some respect from all others in a survey area and is uniquely identified on a soil map. A soil map unit represents an area dominated by one to three major soil components. They are usually a named soil series (i.e. Paxton or Canton), but can also be a miscellaneous area (i.e. Rock Outcrop or Urban Land), and potentially many minor components both similar and dissimilar. For example, soil map unit 75C Hollis-Chatfield-Rock outcrop complex, contains 35% Hollis, 30% Chatfield, 15% Rock outcrop. The other 20% may include Charlton, Leicester, Sutton, Brimfield, an unnamed soil with sandy subsoil, and an unnamed soil with red parent material.

The soil survey contains interpretations or ratings of the soils for various land uses which are based on the soil properties that affect the intended use. Soil interpretations provide users of soil survey information with predictions of soil behavior to help in the development of reasonable and effective alternatives for the use and management of soil, water, air, plant, and animal resources. Interpretations are dynamic and periodically revised to reflect improved soils data, new technology, and the needs of the soil survey users. In Connecticut, there are approximately 70 soil properties and 90 interpretations that are contained within the soils database.

Example of soil map units



HOW TO USE THIS MAP

The soil map unit symbol is the key to indentifying the multitude of descriptions, properties, interpretations, reports and ratings that are included in the soil survey. Some of the most requested interpretations are available from CT ECO, such as Farmland Soils, Connecticut Inland Wetland Soils, Soil Storm Water Management ratings, and others.

Additional information is available in the Soil Survey of the State of Connecticut http://www.ct.nrcs.usda.gov/soils.html and at the Soil Data Mart http://soildatamart.nrcs.usda.gov .

Soil Map Unit

DATA SOURCES

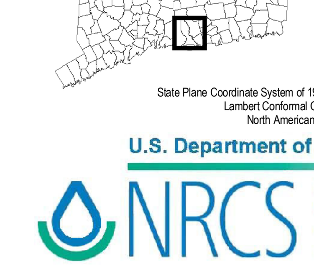
SOIL DATA - Soil map units shown on this map are from the 2007 Soil Survey Geographic Database (SSURGO) database produced by the USDA, Natural Resources Conservation Service (NRCS). The soils were mapped at a scale of 1:12,000 with a minimum size delineation of three acres. Enlargement of this map beyond the original source scale will not show additional detail and can cause misunderstanding of the detail of mapping. For the most recent soils data contact the NRCS.

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

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

MAPS AND DIGITAL DATA - Visit the CT ECO website for this map and a variety of others. Visit the NRCS soils website for the soils data shown on this map. Visit the CT DEP website to download the base map digital spatial data shown on this map.

MAP LOCATION



1 0.5 0 1 Miles
1000 0 1000 2000 3000 4000 5000 6000 7000 Feet
1 0.5 0 1 Kilometers

SCALE 1:24,000 (1 inch = 2,000 feet) when map is printed at original size (48 x 36 in)

State Plane Coordinate System of 1983, Zone 3526
Lambert Conformal Conic Projection
North American Datum of 1983

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

Map created by CT DEP
October 2009

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