



USFWS & CTDEEP NDDB
REVIEWS

May 2, 2014

**Verizon Wireless
99 East River Drive
East Hartford, CT 06108**

Attn: Alexandria Carter

APT Project No.: CT1411690

From: Michael Libertine

**Re: Proposed Verizon Wireless Facility
Orange North
831 Derby Milford Road
Orange, Connecticut**

Dear Ms. Carter,

At your request, All-Points Technology Corporation, P.C. ("APT") is performing an evaluation with respect to possible state and federally-listed, threatened or endangered species in order to determine if the proposed telecommunications facility at the referenced property would result in a potential adverse effect to species of concern.

Project Summary:

State: Connecticut

County: New Haven

Address: 831 Derby Milford Road, Orange, CT

Latitude/Longitude Coordinates: N41°17'54.248" W73°03'29.521"

Ground Elevation: 134' AMSL

Size of Property: ±34.5 acres

No federally-listed endangered or threatened species are known to occur in the Town of Orange, Connecticut according to the list of federally endangered and threatened species in Connecticut maintained by the United States Department of the Interior Fish and Wildlife Service (USFWS) New England Field Office (refer to the attached listing, dated July 31, 2008, the most recent update). As such it is our opinion that the proposed development would not result in an adverse effect to any federally-listed endangered or threatened species.

In further support of this preliminary finding, APT reviewed the Connecticut Department of Energy & Environmental Protect ("CTDEEP") Natural Diversity Data Base ("NDDB") State and Federal Listed Species and Significant Natural Communities Map for the project area (attached herein) and determined that no potential conflicts exist with species of concern. Although not required based on the results of the NDDB map review, APT has submitted a request for rare species review by the Department for written confirmation.

Since no federally-listed endangered or threatened species are known to occur in Orange and the CTDEEP NDDB does not identify any potential conflicts, it is our opinion that the proposed development would not result in an adverse effect to any state or federally-listed endangered or threatened species. We are waiting for concurrence from the CTDEEP with respect to this preliminary determination and will forward appropriate correspondence upon receipt.

USFWS Inventory of Federally Listed Endangered and Threatened Species
in Connecticut, July 31, 2008

CTDEEP NDDB State and Federal Listed Species and Significant Natural
Communities Map, December 2013

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Fairfield	Piping Plover	Threatened	Coastal Beaches	Westport, Bridgeport and Stratford
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Westport and Stratford
	Bog Turtle	Threatened	Wetlands	Ridgefield and Danbury.
Hartford	Dwarf wedgemussel	Endangered	Farmington and Podunk Rivers, Muddy Brook, Philo Brook, Stony Brook	South Windsor, East Granby, Suffield, Simsbury, Avon and Bloomfield.
Litchfield	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Sharon.
	Bog Turtle	Threatened	Wetlands	Sharon and Salisbury.
Middlesex	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westbrook and New London.
	Piping Plover	Threatened	Coastal Beaches	Clinton, Westbrook, Old Saybrook.
	Puritan Tiger Beetle	Threatened	Sandy beaches along the Connecticut River	Cromwell, Portland
New Haven	Bog Turtle	Threatened	Wetlands	Southbury
	Piping Plover	Threatened	Coastal Beaches	Milford, Madison and West Haven
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Branford, Guilford and Madison
	Indiana Bat	Endangered	Mines, Caves	
New London	Piping Plover	Threatened	Coastal Beaches	Old Lyme, Waterford, Groton and Stonington.
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	East Lyme and Waterford.
	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Waterford
Tolland	None			
Windham	None			

-Eastern cougar, gray wolf, Indiana bat, Seabeach amaranth and American burying beetle are considered extirpated in Connecticut.

-There is no federally-designated Critical Habitat in Connecticut.

11/06/2013

Natural Diversity Data Base Areas ORANGE, CT

December 2013

-  State and Federal Listed Species & Significant Natural Communities
-  Town Boundary

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

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

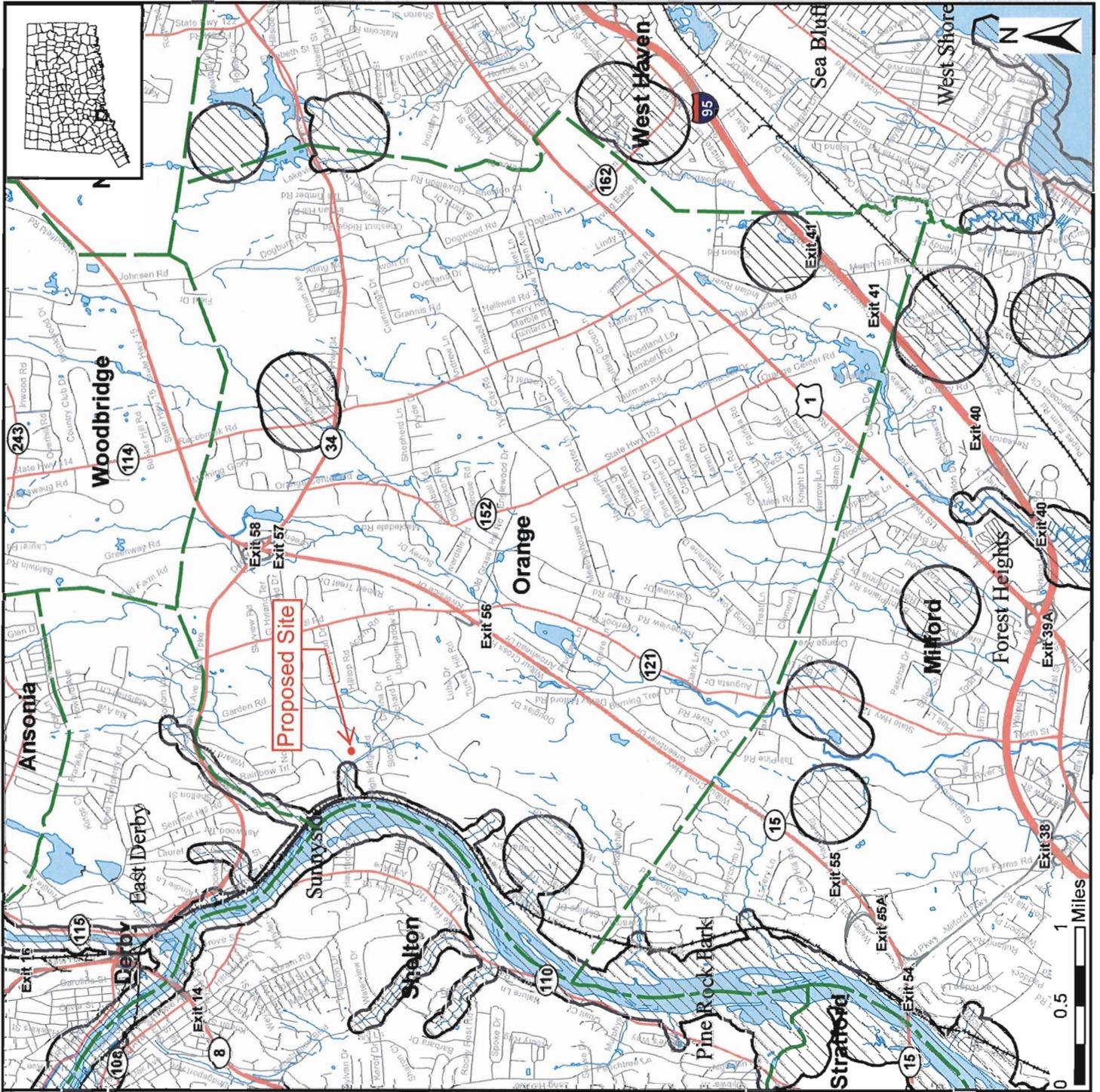
www.ct.gov/deep/hdddbrequest

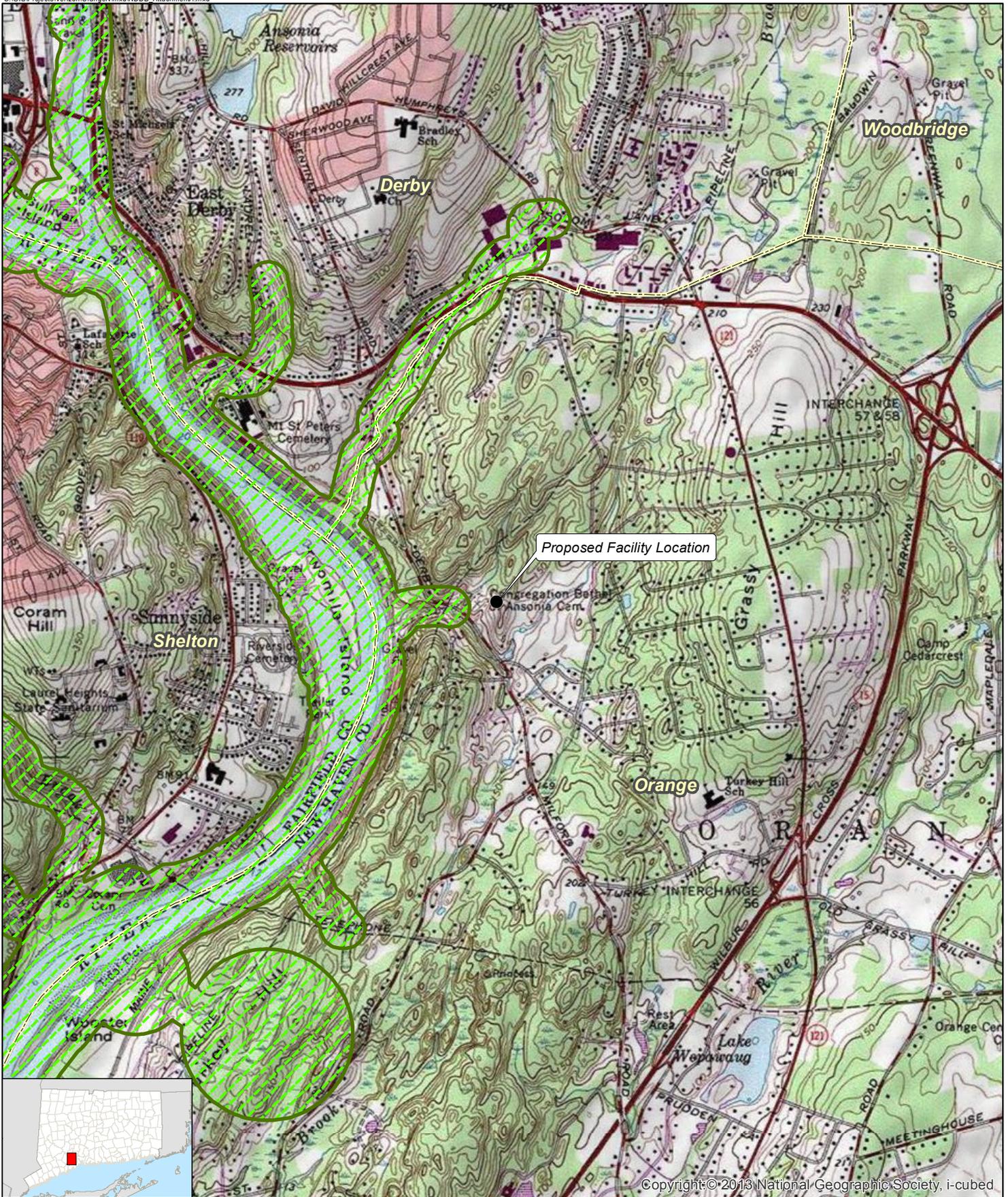
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QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



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



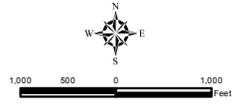


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Legend

- Proposed Facility Location
- ▨ Natural Diversity Database (updated Dec. 2013)
- - - Municipal Boundary

Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Map, Ansonia (1984), CT
 Map Scale: 1:24,000
 Map Date: May 2014



**Attachment A:
Overview Map**

Proposed Wireless
 Telecommunications Facility
 Orange North
 831 Derby Milford Road
 Orange, Connecticut

