

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Inland Fisheries Division
Habitat Conservation and Enhancement
Natural History Survey-Natural Diversity Data Base
79 Elm Street, 6th Floor
Hartford, CT 06106-5127



December 29, 2009

Kenneth Stevens
Science and Environmental Services, Inc.
545 Highland Avenue
Cheshire, CT 06410

Subject: Newtown, CT
Shepaug Terminal vicinity,
Hawleyville Road

Dear Mr. Stevens,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map you provided and located **west** of the Shepaug Terminal site. According to our information, there are populations of four Connecticut State Special Concern plants (RCSA Sec 26-306) in this area.

- *Cardamine douglassii*, Purple cress
 - This species occurs in wet, shaded woods and swamps and is best located in June-August.
- *Platanthera flava*, Pale green orchid
 - This species occurs in swampy woods, bottomlands, swales and along wet shores and is best located in late May-June.
- *Mimulus alatus*, Winged monkey flower; **(proposed for delisting)**
 - This species occurs in meadows and along muddy shorelines and is best located in July-August.
- *Carex lupuliformis*, False hop sedge **(proposed for delisting)**
 - This species occurs in swamps, meadows, prairies and vernal pools and is best looked for in July – August.

I understand that the Newtown Inland Wetland Commission has requested this information related to activities that have occurred in an area east of this site that may require some type of mitigation.

Natural Diversity Data Base information includes all information regarding critical biologic resources available to us at the time of the request. This information is a compilation of data collected over the years by the Environmental & Geographic

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NEWTOWN TRANSLOAD NATURAL DIVERSITY DATA BASE RESEARCH

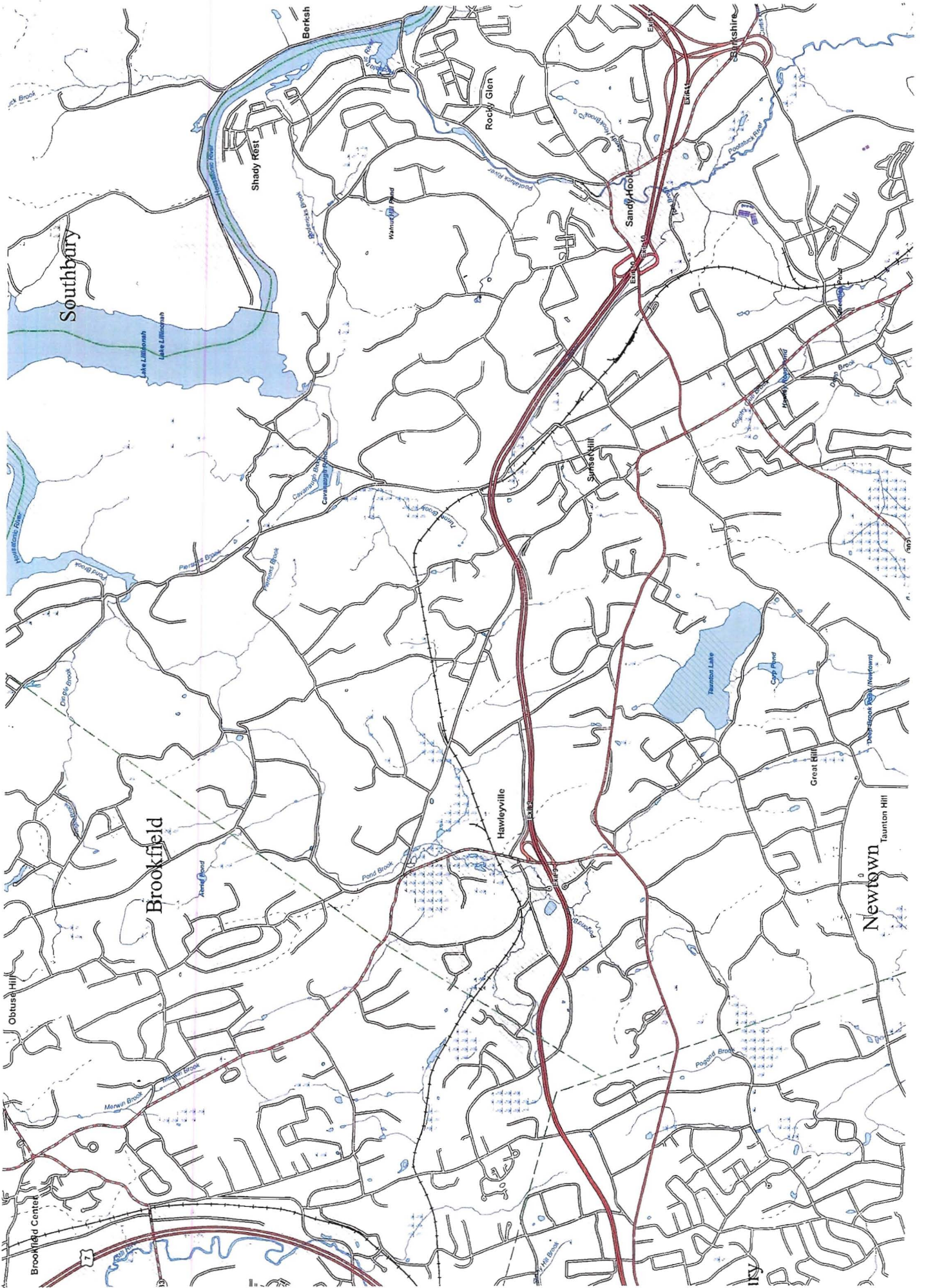
Updated January 13, 2010

Research was undertaken at the Connecticut Department of Environmental Protection, Inland Fisheries Division; Habitat, Conservation and Enhancement; Natural History Survey – Natural Diversity Data Base to determine any areas near the Shepaug Terminal on Hawleyville Road that might have critical biologic resources identified in the Natural Diversity Data Base.

There is an area with potential critical biologic resources to the east, but it is between 1-1/4 and 2 miles away with several intersecting roads. It is not on the Winklers' property and there is no area of identified resources on the Winklers' property. There is another area even further to the north in Brookfield. Both of these areas are so far away that no further investigations were done because of the absence of any possible interaction between these potential locations of critical biologic resources and the activity at the Shepaug Terminal.

In the process, there was found to be a large area identified immediately to the west of the site generally bounded by Hawleyville Road on the east but extending, at least schematically, a little to the east of Hawleyville Road. No portion of that area extends into the site. As can be seen on the detailed maps attached, nearly all of the area is to the west of Hawleyville Road.

The enclosed letter of December 29, 2009 from Nancy Murray, biologist with the Natural History Survey and the NDDDB Program Coordinator, indicates that this large area to the west of the Shepaug Terminal site has four plant species which are Connecticut State Special Concern plants. Two of those plants are proposed for delisting and none of the activities on the Shepaug Terminal site involves any disturbance of any part of the area indicated and none of the activities will have any adverse impact anywhere to the west that would affect these four plant species.



Southbury

Brookfield

Hawleyville

Sandy Hook

Newtown

Lake Lillioyah

Taunton Lake

Shady Rest

Great Hill

Taunton Hill

Rocky Glen

Black

Crane

Cop

Thompson

Obtuse Hill

Merwin Brook

Zoned Brook

Pond Brook

Walden Brook

Pogon Brook

Thompson Brook

Will Brook

Ward Brook

Carver Brook

Pond Brook

Dirk Brook

Brook

Ward Brook

Carver Brook

Pond Brook

Dirk Brook

Brook

INSY

