



WETLAND INSPECTION

June 24, 2015

APT Project No.: CT283190

Prepared For: Homeland Towers
22 Shelter Rock Road, Bld. C
Danbury, CT 06810

HLT Site Name: Easton
CT 254

Site Address: 515 Morehouse Road
Easton, Connecticut

Date(s) of Investigation: 5/27/2015

Field Conditions: **Weather:** sunny, low 80's
Soil Moisture: dry to moist

Wetland/Watercourse Delineation Methodology[†]:

- Connecticut Inland Wetlands and Watercourses
- Connecticut Tidal Wetlands
- U.S. Army Corps of Engineers

The wetlands inspection was performed by[†]:

Matthew Gustafson, Registered Soil Scientist

Enclosures: Wetland Delineation Field Form & Wetland Inspection Map

This report is provided as a brief summary of findings from APT's wetland investigation of the referenced study area that consists of proposed development activities and areas generally within 200 feet.[‡] If applicable, APT is available to provide a more comprehensive wetland impact analysis upon receipt of site plans depicting the proposed development activities and surveyed location of identified wetland and watercourse resources.

^{*} Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.

[†] All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

[‡] APT has relied upon the accuracy of information provided by Homeland Towers regarding proposed lease area and access road/utility easement locations for identifying wetlands and watercourses within the study area.

Attachments

- Wetland Delineation Field Form
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-28	
Flag Location Method:	Site Sketch <input checked="" type="checkbox"/>	GPS (sub-meter) located <input checked="" type="checkbox"/>

WETLAND HYDROLOGY:

NONTIDAL

Intermittently Flooded <input type="checkbox"/>	Artificially Flooded <input type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input checked="" type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated – seepage <input checked="" type="checkbox"/>	Seasonally Saturated - perched <input type="checkbox"/>
Comments: None		

TIDAL

Subtidal <input type="checkbox"/>	Regularly Flooded <input type="checkbox"/>	Irregularly Flooded <input type="checkbox"/>
Irregularly Flooded <input type="checkbox"/>		
Comments: None		

WETLAND TYPE:

SYSTEM:

Estuarine <input type="checkbox"/>	Riverine <input type="checkbox"/>	Palustrine <input checked="" type="checkbox"/>
Lacustrine <input type="checkbox"/>	Marine <input type="checkbox"/>	
Comments: None		

CLASS:

Emergent <input type="checkbox"/>	Scrub-shrub <input type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: Wetland contains an interior seasonal intermittent watercourse that is a tributary to East Branch Cricker Brook, located ±0.15 mile west of Wetland 1 and ±0.25 mile west of the proposed tower site.		

Wetland Delineation Field Form (Cont.)

SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Potential <input type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: None	
Comments: Three (3) adult wood frogs were observed within the southern portion of Wetland 1 (WF 1-01 to 1-08). No vernal pool breeding habitat was noted within the area of Wetland 1 that was investigated. Vernal pool breeding habitat may be associated with a forested wetland area associated with the East Branch Cricker Brook riparian corridor located ±1,500 feet west of the proposed tower site.	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Skunk Cabbage (<i>Symplocarpus foetidus</i>)	Red Maple (<i>Acer rubrum</i>)
Black Gum (<i>Nyssa sylvatica</i>)	Spicebush (<i>Lindera benzoin</i>)
Green Ash (<i>Fraxinus pennsylvanica</i>)	White Oak (<i>Quercus alba</i>)
Japanese Barberry* (<i>Berberis thunbergii</i>)	Black Spruce (<i>Picea mariana</i>)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

<p>The portion of the subject property being considered for the proposed Homeland Towers telecommunications facility consists of a material storage yard used by the Town of Easton Public Works Department and adjoining undeveloped upland forest dominated by mesic Oak/Hickory forest cover type. An existing gravel road that traverses through open fields provides access to the material storage yard from Morehouse Road. The open fields are covered with goldenrod and sparse cool season grasses. Wetland 1 is located ±322 feet southwest of the proposed Homeland Towers development. Wetland 1 is a forested hillside seep/perched wetland system with an interior intermittent stream with two headwater seep areas within the delineated area.</p> <p>Due to the distance separating the proposed development from the nearest wetland, no adverse impact to Wetland 1 would occur provided appropriate erosion and sedimentation controls are installed and maintained during construction in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (DEP Bulletin 34).</p>
--



Legend

- Proposed Monopine Tower
- Approximate Facility Layout
- Approximate Host Property
- ▲ Wetland Flag
- Delineated Wetland Boundary
- Wetland Area

Wetland Inspection Map

Proposed Wireless
Telecommunications Facility
Easton CT
515 Morehouse Road
Easton, Connecticut



Map Notes:
Base Map Source: 2012 Aerial Photograph (CT ECO)
Map Scale: 1 inch = 400 feet
Map Date: June 2015

