



## WETLAND INSPECTION

June 28, 2017

APT Project No.: CT407210

**Prepared For:** Tarpon Towers II, LLC  
1001 3<sup>rd</sup> Avenue West, Suite 420  
Bradenton, FL 34205  
Attn: Keith Coppins

**Site Address:** 380 Horace Street, Bridgeport, Connecticut

**Site Name:** Bridgeport East

**Date(s) of Investigation:** 4/25/15 (original delineation)  
6/15/17 (field confirmed no changes)

**Field Conditions:** **Weather:** sunny, mid 70's  
**Soil Moisture:** dry to moist

**Wetland/Watercourse Delineation Methodology\*:**

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

**Municipal Upland Review Area/Buffer Zone:**

**Wetlands:** 100 feet  
**Watercourses:** 100 feet

The wetlands inspection was performed by<sup>†</sup>:

Dean Gustafson, Senior Wetland 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.<sup>‡</sup> 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 Tarpon Towers II, LLC and its contractors regarding proposed lease area and access road/utility easement locations for identifying wetlands and watercourses within the study area.

**Wetland Delineation Field Form**

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-09	
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 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 checked="" type="checkbox"/>	Scrub-shrub <input type="checkbox"/>	Forested <input type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: Emergent wetland system with ponded water associated with unknown tributary to the Yellow Mill Creek.		

**WATERCOURSE TYPE:**

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed tributary to Yellow Mill Creek		
Comments: None		

## Wetland Delineation Field Form (Cont.)

### SPECIAL AQUATIC HABITAT:

Vernal Pool Yes <input type="checkbox"/> No <input type="checkbox"/> Potential <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: 'Cryptic'	
Comments: Access to the potential vernal pool is restricted due to an 8 to 12 foot barb wire fence and there is no access to adjacent property.	

### 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:

Common Reed* ( <i>Phragmites australis</i> )	Japanese Knotweed* ( <i>Polygonum cuspidatum</i> )
Red Maple ( <i>Acer rubrum</i> )	Black Willow ( <i>Salix nigra</i> )
Bebb Willow ( <i>Salix bebbiana</i> )	Multiflora Rose* ( <i>Rosa multiflora</i> )

\* denotes New York Invasive Species Council invasive plant species

### GENERAL COMMENTS:

The subject property that will house the proposed monopole tower and compound (the "Facility") consists of an industrially developed parcel with buildings and paved access, parking and storage areas. Access and utility easement to the compound would cross over a second parcel this is developed by the Germania Schwaben Society club that includes a banquet hall building, pavilion and paved parking lot. The proposed Facility is located in an upland area immediately adjacent to the paved parking lot. Development of the proposed Facility would occur within a cleared area and at the edge of a small edge forest patch that will require removal of a few trees; exposed bedrock located just north of the club's parking lot.

The nearest wetlands on the subject property are located ±500 feet to the southeast, consisting of an emergent marsh system associated with an intermittent watercourse that flows south eventually into Yellow Mill Creek. The on-site wetland extends north onto Remington Woods, a ±420-acre property formerly owned by the Remington Arms Company. This property is surrounded by a chain link and barb wire fence and is not open to the public. The off-site wetland extends northwest towards the proposed Facility, ±150 feet away at its closest point. Viewing this off-site wetland from the property line, it appears that a potential cryptic style vernal pool area is associated with the western end of this wetland, located ±150 feet east of the proposed Facility.

Provided erosion and sedimentation controls are installed and maintained during construction in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control, no likely adverse impact to nearby wetlands would be associated with the proposed development.

Although the proposed Facility is located beyond the Vernal Pool Envelope (0'-100' from the vernal pool edge) for the potential off-site vernal pool, development activities would occur within the Critical Terrestrial Habitat zone (100'-750' from the vernal pool edge). Therefore, due to the proximity to a potential vernal pool habitat, APT recommends a vernal pool impact analysis be performed of the proposed project's potential effect to the potential vernal pool's terrestrial conservation zone.



**Legend**

- Proposed Facility Layout
- Subject Property
- Approximate Parcel Boundary (CTDEEP GIS)
- Potential Vernal Pool Limits
- ▲ Wetland Flag
- Delineated Wetland Boundary
- Approximate Wetland Boundary
- Wetland Area

**Wetland Inspection Map**

Proposed Wireless  
Telecommunications Facility  
Bridgeport East  
380 Horace Street  
Bridgeport, Connecticut

*Map Notes:*  
Base Map Source: 2012 Aerial Photograph (CTECO)  
Map Scale: 1 inch = 200 feet  
Map Date: November 2015

