



WETLAND INSPECTION

September 27, 2016

APT Project No.: CT1411540

Prepared For: Verizon Wireless
99 East River Drive
East Hartford, CT 06108
Attn: Aleksey Tyurin

Verizon Wireless Site Name: Bridgeport NE CT

Site Address: 541 Broadbridge Road
Bridgeport, Connecticut

Date(s) of Investigation: 9/14/2016

Field Conditions: **Weather:** sunny, mid 80'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[†]:

Matthew Gustafson, Registered Soil Scientist

Enclosures: Wetland Inspection 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 Verizon Wireless and its contractors regarding proposed lease area and access road/utility easement locations for identifying wetlands and watercourses within the study area.

Attachments

- Wetland Inspection Field Form
- Wetland Inspection Map

Wetland Inspection Field Form

Wetlands Identified within Study Area:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Nearest Wetland Resource:	20 feet to the north	
Identification Method:	Remote sensing <input checked="" type="checkbox"/> Type: CTDEEP Wetland Mapping	Field identified <input checked="" type="checkbox"/>

SITE CONDITIONS:

DEVELOPED

Paved <input checked="" type="checkbox"/>	Gravel <input type="checkbox"/>	Maintained Lawn <input type="checkbox"/>
Agriculture <input type="checkbox"/>	Cultivated <input type="checkbox"/>	Hayfield/Pasture <input type="checkbox"/>
Comments: Site completely developed commercial strip plaza with tower located on paved area currently used to store dumpsters.		

UNDEVELOPED UPLAND HABITAT

Forest <input type="checkbox"/>	Scrub/Shrub <input type="checkbox"/>	Field <input type="checkbox"/>
Other: None		
Comments: None		

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		

NEAREST 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 checked="" type="checkbox"/>	Forested <input type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input checked="" 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: Channelized intermittent stream that is culverted under the subject property. Unable to confirm extents in the field to the north due to location off subject property and wooden fence obstructing views; estimated location using remote sensing resources.		

Wetland Inspection 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: None	

GENERAL COMMENTS:

The subject property is completely developed with a commercial strip plaza, hosting a number of retail businesses, and paved parking/access areas. A wooden slat fence is located along the northern property boundary. No wetlands or watercourses are located on the subject property. An unnamed intermittent watercourse apparently flows under the central portion of the subject property and daylights off site along the north property boundary and across Broadbridge Road south of the property.

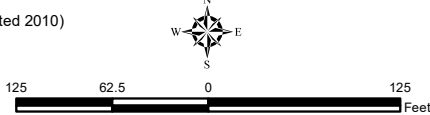
The proposed flagpole facility would be located ±190 feet east of the intermittent watercourse feature, along the north property boundary in a paved and developed area. Underground utilities would be located from Broadbridge Road along the east property boundary to the proposed flagpole facility. The underground utility route would be located ±120 feet northeast of the nearest intermittent watercourse feature, across Broadbridge Road. Considering the proposed facility and associated development activities would be located within existing developed and disturbed areas that are a significant distance from the intermittent watercourse, the proposed development would not result in a likely adverse impact to this resource. This evaluation is contingent upon erosion and sedimentation controls being installed and maintained during construction in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

- Legend**
- Proposed 100' Flagpole Tower
 - Proposed 10'x22' Fenced/Gravel Equipment Compound Area
 - Proposed Natural Gas Meter at Grade
 - Proposed Natural Gas Line Routed Along Building Roof
 - Proposed Underground Electric & Telco Utilities
 - Approximate Parcel Boundary (CTDEEP GIS Parcels Last Updated 2010)
 - Subject Property
 - ~ Perennial Stream
 - ~ CTDEEP Wetland

Map Notes:
 No wetlands or watercourses identified on the subject property
 Base Map Source: ESRI Imagery, GBRC RPIIP 2013
 Map Scale: 1 inch = 125 feet
 Map Date: September 2016



Wetland Inspection Map

Proposed Wireless Telecommunications Facility
 Bridgeport NE
 541 Broadbridge Road
 Bridgeport, Connecticut

