



WETLAND INSPECTION

October 8, 2015
Revised November 2, 2016

APT Project No.: CT1417820

Prepared For: Verizon Wireless
99 East River Drive
East Hartford, CT 06108
Attn: Stephen Schadler

Verizon Wireless Site Name: Coventry Northwest CT

Site Address: Folly Lane, Coventry, Connecticut

Date(s) of Investigation: 8/27/2015 & 9/22/16 (revised tower location)

Field Conditions: **Weather:** sunny, low 70's
Soil Moisture: dry

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: 75 feet
Watercourses: 75 feet

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 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 Delineation Field Form
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-12; WF 1-50 to 1-77	
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 type="checkbox"/>	Scrub-shrub <input type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input checked="" type="checkbox"/>	Wet Meadow <input checked="" type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: well incised bank and confined channel		

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: None	

SOILS:

Are field identified soils consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
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DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Green Ash (<i>Fraxinus pennsylvanica</i>)
Tearthumbs (<i>Polygonum</i> spp.)	Nodding Smartweed (<i>Polygonum lapathifolium</i>)
Arrow Arum (<i>Peltandra virginica</i>)	Jewelweed (<i>Impatiens capensis</i>)
Reed Canarygrass* (<i>Phalaris arundinacea</i>)	Water Hemlock (<i>cicuta</i> sp.)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

The proposed Verizon Wireless Facility ("Facility") is adjacent to the Skungamaug River Golf Club maintenance garage within a developed and disturbed area used for material storage area. The original 8/27/15 inspection placed the proposed Facility ±30 feet south of the garage. The 9/22/16 inspection was performed for a revised location of the Facility ±100 feet south of the garage. The proposed Facility is located between the golf course's 13th fairway (to the east), the practice range (to the west) and just north of the 14th tee box. Minimal tree clearing would be required along the west side of the proposed 60'x40' fenced compound as part of the proposed Verizon Wireless development. A dirt/gravel road currently provides access to the maintenance garage and the proposed Facility from Folly Lane.

Wetland 1 is a narrow, well confined intermittent stream located just east of the existing dirt/gravel road and southeast of the proposed Facility location. The banks of the stream are incised and generally maintained in various grasses and forbs as this feature flows through the 13th fairway. There are no bordering wetlands within the delineated reaches of this resource. The southern portion of the delineated section of Wetland 1 is forested with sparse mature red maple and green ash trees and cleared understory (maintained lawn).

The proposed Facility would be located ±40 feet northwest of Wetland 1 at the nearest point (wetland flag WF 1-07). The existing gravel driveway is located ±23 feet northwest of Wetland 1. Although Wetland 1 is located nearby, the proposed Facility would be located within an existing developed and disturbed area and would not require removal of mature upland vegetation between the Facility and nearby wetland. A review of site plans prepared by Hudson Design Group LLC, dated 10/21/16, reveals appropriate erosion and sedimentation controls would be installed and maintained during construction in accordance with the 2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control. Therefore, considering the existing developed nature of the proposed Facility site and no direct impact to Wetland 1 or its mature bordering vegetation would occur, no likely adverse impact to wetlands would be anticipated from the proposed Verizon Wireless development.



Legend

- Approximate Subject Property
- Proposed Facility Layout
- Watercourse (CTDEEP)*
- Open Water (CTDEEP)*
- Wetland Flag
- Wetland Boundary
- Wetland Area

Map Notes:
 *Legend item not within mapped extent
 Base Map Source: ESRI World Imagery, NAIP 7/18/2014
 Map Scale: 1 inch = 150 feet
 Map Date: January 2017

Wetland Inspection Map

Proposed Wireless
 Telecommunications Facility
 Coventry Northwest CT
 Folly Lane
 Coventry, Connecticut

