



WETLAND INSPECTION

December 27, 2018

Revised March 29, 2020

APT Project No.: CT14110580

Prepared For: Verizon Wireless
20 Alexander Drive
Wallingford, CT 06492

Site Name: Plattsville Relo CT

Site Address: 5151 Park Avenue, Fairfield, Connecticut

Date(s) of Investigation: 11/30/2018 & 02/13/20

Field Conditions: **Weather:** cloudy, mid 30's 12/27/18; lt. rain, mid 40's 02/13/20
Soil Moisture: dry to moist 12/27/18; moist 02/13/20

Wetland/Watercourse Delineation Methodology*:

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

Municipal Upland Review Area (Mill River Watershed):

Wetlands: 144 feet

Watercourses: 144 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 1-16 (closed loop)	
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 checked="" type="checkbox"/>	Permanently Flooded <input type="checkbox"/>
Semipermanently Flooded <input type="checkbox"/>	Seasonally Flooded <input 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: Wetland 1 is a constructed 'wet' stormwater basin with periods of artificial flooding.		

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 checked="" type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: None		
Comments: None		

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"/>
If no, describe field identified soils		

DOMINANT PLANTS:

Broad-Leaf Cattail (<i>Typha latifolia</i>)	Bebb Willow (<i>Salix bebbiana</i>)
American Elm (<i>Ulmus americana</i>)	

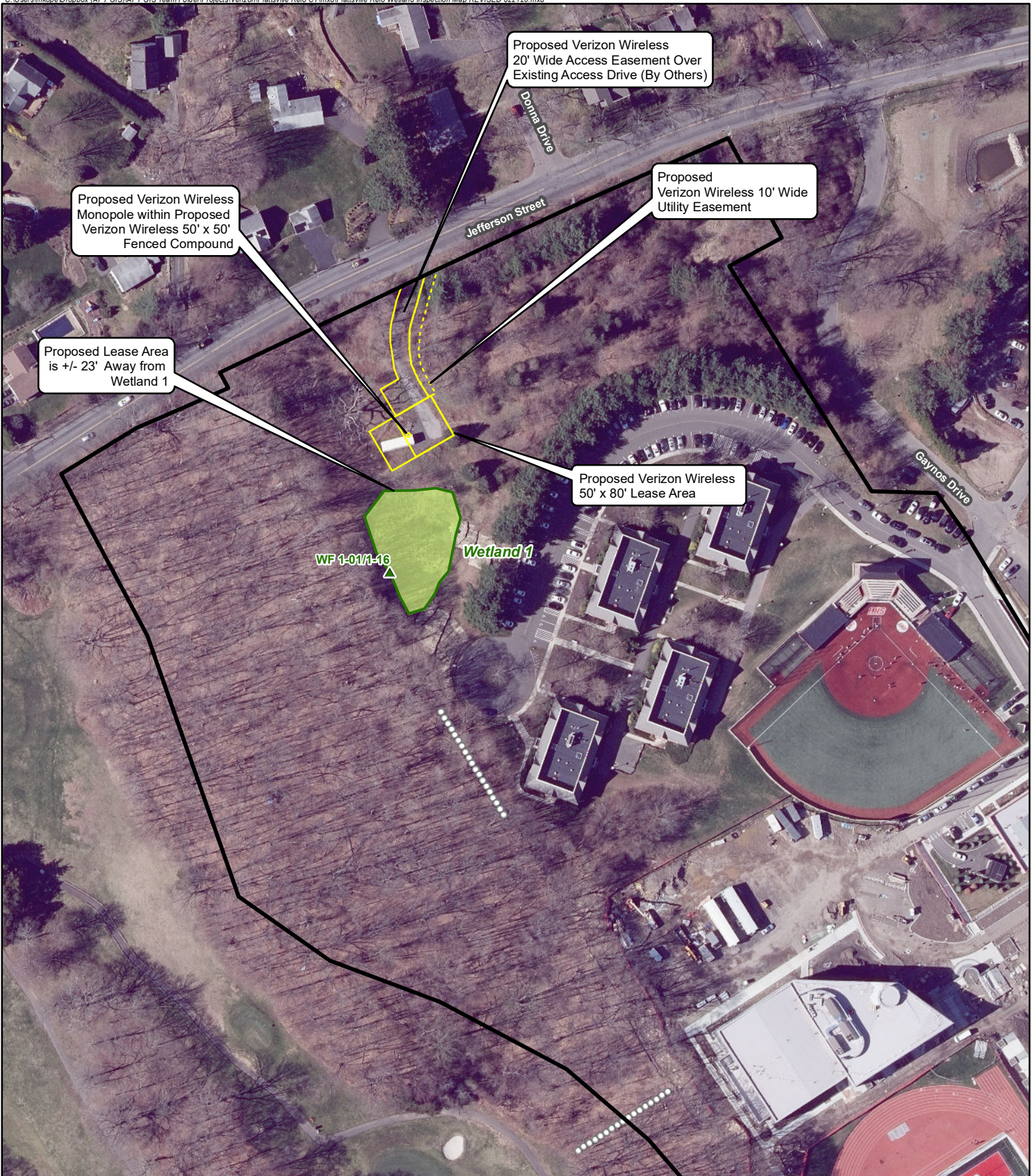
* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Verizon Wireless is proposing to construct a wireless telecommunications facility at the Sacred Heart University campus in Fairfield, Connecticut in the northwestern corner of the subject property within an existing cleared and disturbed area. Access to this proposed location would be from an existing paved access road located off Jefferson Street.

One wetland was identified in proximity to proposed Verizon Wireless development activities. Wetland 1, located ±23 feet south of the proposed facility, consists of a constructed 'wet' stormwater basin. This basin was observed to contain pockets of artificial saturation and areas of artificial flooding from stormwater inputs. Two culvert outfalls were noted that discharge stormwater into Wetland 1. Wetland 1 side slopes are relatively steep with recent stabilization and erosion controls (e.g., erosion control blankets and silt fence) indicative of its recent construction. The emergency overflow for this detention basin discharges to the north.

Due to the nature and function of this man-made wetland and the proposed Verizon Wireless facility being downgradient of the stormwater basin, no likely adverse effect to Wetland 1 would result from the proposed development activities.



Legend

- Proposed Verizon Wireless Site Layout
- Proposed Verizon Wireless Utility Easement
- ▲ Wetland Flag
- Delineated Wetland Boundary
- Approximate Wetland Area
- Subject Property
- Existing Stone Wall (By Others)

Wetland Inspection Map

Proposed Wireless Telecommunications Facility
 Plattsville Relo CT
 5151 Park Avenue
 Fairfield, Connecticut

Map Notes:

Base Map Source: 2019 Aerial Photograph (CTECO)
 Map Scale: 1 inch = 150 feet
 Map Date: February 2020

