



## WETLAND INSPECTION

October 9, 2019

APT Project No.: CT389150

**Prepared For:** Crown Castle  
3 Corporate Park Drive, Suite 101  
Clifton Park, NY 12065  
Attn: Pascelle Saint-Laurent, Zoning Project Manager

**Wireless Site Name:** Crown Castle Richard Wall Candidate B

**Site Address:** 8 ½ Lakeview Street  
East Hampton, Connecticut

**Date(s) of Investigation:** 9/13/2019

**Field Conditions:** **Weather:** sunny, mid 60's  
**Soil Moisture:** dry to moist

**Wetland/Watercourse Delineation Methodology<sup>†</sup>:**

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

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

**Wetlands:** 200 feet

**Watercourses:** 200 feet

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

Matthew Gustafson, Registered Soil Scientist

Enclosures: Wetland Delineation Field Forms & 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 Crown Castle and its contractors regarding proposed lease area and access road/utility easement locations for identifying wetlands and watercourses within the Study Area.

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## Attachments

- Wetland Delineation Field Forms
- 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 checked="" type="checkbox"/>
Comments: Wetland 1 is a large complex wetland system with areas of seasonal saturation resulting from hillside seepage and perched water tables. Hummock/hollow areas contain evidence of seasonal 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 checked="" type="checkbox"/>	Forested <input checked="" type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input type="checkbox"/>	Wet Meadow <input type="checkbox"/>
Comments: Complexes of broad mature forest with an interior emergent swamp and transitional scrub/shrub zones.		

**WATERCOURSE TYPE:**

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: Narrow intermittent watercourse draining from south to north within a 1 to 3-foot-wide channel. Stream bottom primarily consists of sand with large stone/till fragments.		

**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: Potential vernal pool habitat is concentrated in the northeastern portion of Wetland 1, predominately located on the adjacent parcel to the east. Wetland 2 also provides potential vernal pool habitat which could result in migration vectors by vernal pool indicator species between these two resources.	

**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:**

Sweet Pepperbush ( <i>Clethra alnifolia</i> )	Red Maple ( <i>Acer rubrum</i> )
Highbush Blueberry ( <i>Vaccinium corymbosum</i> )	Royal Fern ( <i>Osmunda regalis</i> )
Black Gum ( <i>Nyssa sylvatica</i> )	Sphagnum moss ( <i>Sphagnum spp.</i> )
Cinnamon Fern ( <i>Osmunda cinnamomea</i> )	Greenbrier ( <i>Smilax rotundifolia</i> )

\* denotes Connecticut Invasive Species Council invasive plant species

**GENERAL COMMENTS:**

<p>All-Points Technology Corp., P.C. ("APT") understands that Crown Castle is proposing a telecommunications facility ("Facility") in the southeastern corner of the subject property, which consists of two adjoining parcels. The subject property consists of a predominantly forested undeveloped property with an existing woods road that provides access from High Street (State Route 66) into the interior of the property; additional frontage existing from the west on Lakeview Street (State Route 196). Access to the proposed Facility would use the existing woods road from High Street.</p> <p>Wetland 1 consists of a broad complex of wetland resource types including a large interior emergent swamp, bordering hillside seep and perched forested wetlands, and a feeder hillside intermittent watercourse. Forested areas of the wetland contain hummock/hollow microtopography with evidence of seasonal flooding (buttressed roots and water stained leaves) ranging in depth from 6 to 10 inches; no inundation was present at the time of the inspection. This wetland generally drains east then north, eventually flowing into Pocotopaug Lake located north of Route 66.</p> <p>The existing woods road that would be improved for access to the proposed Facility, is located ±40 feet west of Wetland 1 at its closest point. The 100-foot by 100-foot lease area associated with the Facility is located ±355 feet south of Wetland 1.</p>
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**Wetland Delineation Field Form**

Wetland I.D.:	Wetland 2	
Flag #'s:	WF 2-01 to 2-13	
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 checked="" type="checkbox"/>
Comments: Wetland 2 is a confined, perched wetland system with seasonal saturation and some hillside seepage located along the southern resource boundary. Interior portions of the resource contain evidence of seasonal 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 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: The entirety of the delineated resource is dominated by mature forest with a dense scrub/shrub understory.		

**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 type="checkbox"/> Potential <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
Vernal Pool Habitat Type: 'Cryptic'	
Comments: Wetland 1 also provides potential vernal pool habitat which could result in migration vectors by vernal pool indicator species between these two resources.	

**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:**

Sweet Pepperbush ( <i>Clethra alnifolia</i> )	Red Maple ( <i>Acer rubrum</i> )
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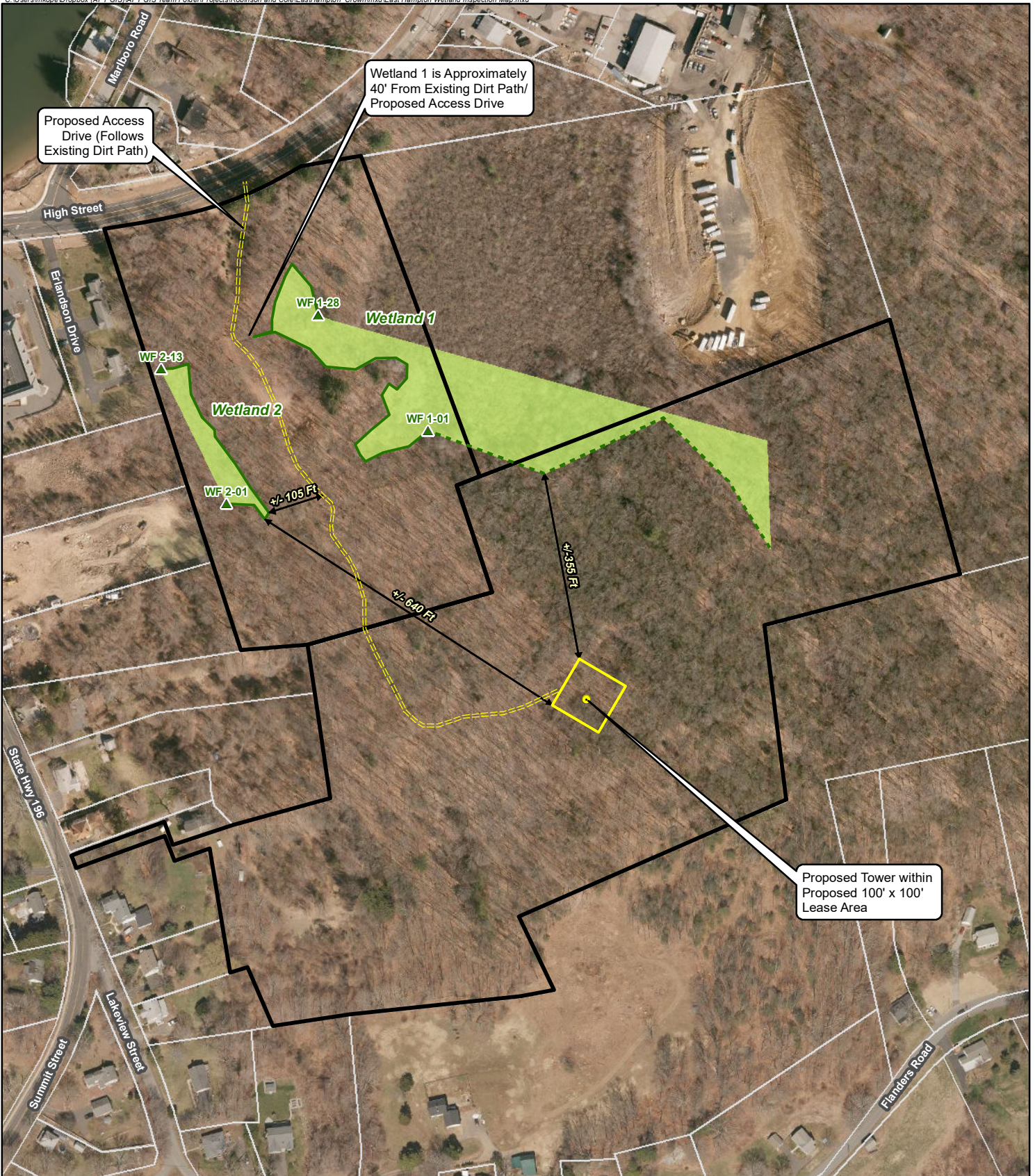
**GENERAL COMMENTS:**

All-Points Technology Corp., P.C. ("APT") understands that Crown Castle is proposing a telecommunications facility ("Facility") in the southeastern corner of the subject property, which consists of two adjoining parcels. The subject property consists of a predominantly forested undeveloped property with an existing woods road that provides access from High Street (State Route 66) into the interior of the property; additional frontage existing from the west on Lakeview Street (State Route 196). Access to the proposed Facility would use the existing woods road from High Street.

Wetland 2 consists of a narrow-forested wetland system that occurs within a localized depression. This resource is confined to the east by a steep embankment. Some hillside seepage occurs along the southern boundary to Wetland 2. Interior portions of the resource contain evidence of seasonal flooding (buttressed roots and water stained leaves) ranging in depth from 4 to 8 inches; no inundation was present at the time of the inspection.

The existing woods road that would be improved for access to the proposed Facility, is located ±105 feet east of Wetland 2 at its closest point. The 100-foot by 100-foot lease area associated with the Facility is located ±640 feet south of Wetland 2.





- Legend**
- Proposed Tower
  - Proposed Lease Area
  - Proposed Access Drive
  - ▲ Wetland Flag
  - Delineated Wetland Boundary
  - Field Identified Approximate Wetland Boundary
  - Approximate Wetland Area
  - Subject Property
  - Approximate Parcel Boundary (CTDEEP)

**Wetland Inspection Map**

Proposed Wireless Telecommunications Facility  
 876352 – Candidate B  
 8 1/2 Lakeview Street  
 East Hampton, Connecticut

**Map Notes:**  
 Base Map Source: 2016 Aerial Photograph (CTECO)  
 Map Scale: 1 inch = 250 feet  
 Map Date: September 2019

