



WETLAND IMPACT ANALYSIS

November 16, 2022

Verizon Wireless
20 Alexander Drive
Wallingford, Connecticut 06492

Re: Proposed Verizon Wireless Litchfield SE CT Telecommunications Facility
Mason Road, Northfield, Connecticut
APT Project No. CT14113400

On behalf of Verizon Wireless ("Verizon"), All-Points Technology Corporation, P.C. ("APT") performed an evaluation of wetland impacts associated with the proposed referenced telecommunication facility ("Facility") on a forested parcel adjacent to an Eversource electrical transmission right-of-way off Mason Road in Northfield (Litchfield), Connecticut ("Subject Property"). The Subject Property, which is located just north of the Litchfield-Thomason municipal boundary, is an undeveloped mainly forested parcel with a maintained Eversource electrical transmission right-of-way ("ROW") bisecting the parcel. Some tree clearing would be required to accommodate the proposed Facility.

This wetland impact evaluation is based on a field inspection performed on August 11, 2022 by an APT wetland scientist along with a review of project site plans prepared by Centek Engineering (latest revision date 11/11/22).

Wetland Resources

Two wetland areas were identified by an APT wetland scientist during the August 11th inspection proximate to the proposed Facility activities. A forested, seasonally saturated hillside wetland system (Wetland 1) was identified in the southeastern portion of the Subject Property just east of the proposed Facility. Contained within the vegetation clearance zone for the ROW, Wetland 2 consists mainly of wet meadow emergent vegetation confined to a narrow hillside seep feature.

Wetland 1 is located in the southeastern portion of the subject property, just west of an Eversource electrical transmission ROW. This wetland generally occurs in a forested setting (excepting for the portion of the wetland that extends into the nearby cleared ROW) dominated by red maple and spicebush. The hydrology of Wetland 1 is primarily associated with hillside seepage due to change in topographic relief in combination with a dense hardpan that perches seasonally shallow groundwater. A secondary component to this wetland's hydrology is overflow from a man-made pond located on the adjacent parcel to the east. Those flows are generally contained within a small seasonal intermittent watercourse channel that flows to the west along the southern limits of the delineated wetland feature.

Wetland 2 is located in the northwestern portion of the subject property, adjacent to an existing gravel maintenance road associated with the Eversource electrical transmission right-of-way ("ROW"). This wetland is also in close proximity to electrical transmission structures that were recently replaced, and

which contain large gravel work pads and associated drainage improvements (e.g., gravel drainage swales). Contained within the vegetation clearance zone for the ROW, Wetland 2 consists mainly of wet meadow emergent vegetation. Beyond the limits of the delineated portion of Wetland 2, this feature conveys its flows to the south through a small intermittent watercourse channel.

Wetland Impact Evaluation

The proposed Facility avoids any direct wetland impacts to either Wetlands 1 or 2. The eastern side of the proposed Facility's fenced compound would be ±54 feet west of the nearest wetland boundary at Wetland 1; minor grading, tree clearing, and installation of erosion controls would likely result in temporary work being ±47 feet from the nearest wetlands. The upland forest habitat that would remain between the Facility and Wetland 1 would provide sufficient buffer to minimize any indirect impacts to this nearby wetland. The proposed access drive follows an existing gravel access ±16 feet from Wetland 2; no improvements to the existing access drive are required at this location. The proposed anti-tracking pad that will be installed over the existing gravel access off Mason Hill Road is ±40 feet north of Wetland 2. With the existing developed gravel access and associated gravel pads surrounding the electrical transmission structures just east of Wetland 2, the limited activities proposed by Verizon would not adversely affect Wetland 2.

To promote protection of wetlands during construction and avoid potential short-term impacts, safeguards are proposed to avoid unintentional impacts to these resources, including construction phase protection measures and the installation and maintenance of erosion controls in accordance with the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control*. These measures are focused on construction activities in proximity to Wetland 1; with the existing gravel access near Wetland 2 and no improvements being proposed, erosion controls at this location are not required. In addition to erosion control measures, a wetland protection plan will be implemented during construction that will include an environmental monitor to ensure the contractor is aware of the environmentally sensitive nature of the project and to review protective erosion control measures throughout the duration of construction. Please refer to the attached Resource Protection Measures for additional details. By implementing these protective techniques throughout the duration of construction, potential adverse impacts to nearby wetland resources will be mitigated.

Potential long-term secondary impacts to wetland resources associated with the operation of this Facility are minimized due to its unstaffed nature and negligible traffic associated with maintenance visits that typically require one visit every 2 to 3 months.

With implementation of erosion controls and wetland protection measures during construction, the proposed Facility will not result in a likely adverse impact to wetland resources.

If you have any questions regarding the above-referenced information, please feel free to contact me by telephone at (860) 552-2033 or via email at dgustafson@allpointstech.com.

Sincerely,

All-Points Technology Corporation, P.C.



Dean Gustafson
Senior Wetland Scientist

cc: Kenneth C. Baldwin, Robinson & Cole, LLP

Enclosures

Resource Protection Measures

ENVIRONMENTAL NOTES - RESOURCES PROTECTION MEASURES

WETLAND PROTECTION PROGRAM

As a result of the project's location in the vicinity of sensitive wetland resources, the following Protection Program shall be implemented by the Contractor to avoid unintentional impacts to proximate wetland resources during construction activities.

It is of the utmost importance that the Contractor complies with the requirement for the installation of protective measures and the education of its employees and subcontractors performing work on the project site. The wetland protection measures shall be implemented and maintained throughout the duration of construction activities until permanent stabilization of site soils has occurred.

All-Points Technology Corporation, P.C. ("APT") will serve as the Environmental Monitor for this project to ensure that these protection measures are implemented properly and will provide an education session on the project's proximity to sensitive wetland resources prior to the start of construction activities and typical amphibians and reptiles associated with these habitats that may be encountered during construction. The Contractor shall contact Dean Gustafson, Senior Wetland Scientist at APT, at least 5 business days prior to the pre-construction meeting. Mr. Gustafson can be reached by phone at (860) 552-2033 or via email at dgustafson@allpointstech.com.

This resources protection program consists of several components including: education of all contractors and sub-contractors prior to initiation of work on the site; installation of erosion controls; petroleum materials storage and spill prevention; protective measures; rare species protection measures; herbicide, pesticide, and salt restrictions; and, reporting.

1. Contractor Education:

- a. Prior to work on site and initial deployment/mobilization of equipment and materials, the Contractor shall attend an educational session at the pre-construction meeting with APT. This orientation and educational session will consist of information such as, but not limited to: identification of wetland resources proximate to work areas and the environmentally sensitive nature of the development site.
- b. The Contractor will be provided with cell phone and email contacts for APT personnel to immediately report any releases or impacts to nearby wetland resource areas. Educational poster materials of the environmentally sensitive nature of the work area will be provided by APT and displayed on the job site to maintain worker awareness as the project progresses.

2. Erosion and Sedimentation Controls/Isolation Barriers

- a. Plastic netting used in a variety of erosion control products (i.e., erosion control blankets, fiber rolls [wattles], reinforced silt fence) has been found to entangle wildlife, including reptiles, amphibians, birds and small mammals. No permanent erosion control products or reinforced silt fence will be used on the project. Temporary erosion control products that will be exposed at the ground surface and represent a potential for wildlife entanglement will use either erosion control blankets and fiber rolls

composed of processed fibers mechanically bound together to form a continuous matrix (netless) or netting composed of planar woven natural biodegradable fiber to avoid/minimize wildlife entanglement.

- b. The extent of the erosion controls will be as shown on the site plans. The Contractor shall have additional sedimentation and erosion controls stockpiled on site should field or construction conditions warrant extending devices. In addition to the Contractor making these determinations, requests for additional controls will also be at the discretion of the Environmental Monitor.
- c. Installation of erosion and sedimentation controls, required for erosion control compliance and creation of a barrier to possible migrating/dispersing wildlife, shall be performed by the Contractor. The Environmental Monitor will inspect the work zone area prior to and following erosion control barrier installation. In addition, work zones will be inspected prior to and following erosion control barrier installation to ensure the area is free of wildlife and satisfactorily installed. The intent of the barrier is to segregate the majority of the work zone from possible migrating wildlife, in addition to serving as an erosion control device. Oftentimes complete isolation of a work zone is not feasible due to accessibility needs and locations of staging/material storage areas, etc. In those circumstances, the barriers will be positioned to deflect migrating/dispersal routes away from the work zone to minimize potential encounters with wildlife at the discretion of the Environmental Monitor.
- d. The Contractor shall be responsible for daily inspections of the sedimentation and erosion controls for tears or breaches and accumulation levels of sediment, particularly following storm events that generate a discharge, as defined by and in accordance with applicable local, state and federal regulations. The Contractor shall notify the APT Environmental Monitor within 24 hours of any breaches of the sedimentation and erosion controls and any sediment releases beyond the perimeter controls that impact wetlands or areas within 100 feet of wetlands. The APT Environmental Monitor will provide periodic inspections of the sedimentation and erosion controls throughout the duration of construction activities only as it pertains to their function to protect nearby wetlands. Such inspections will generally occur once per month. The frequency of monitoring may increase depending upon site conditions, level of construction activities in proximity to sensitive receptors, or at the request of regulatory agencies. If the Environmental Monitor is notified by the Contractor of a sediment release, an inspection will be scheduled specifically to investigate and evaluate possible impacts to wetland resources.
- e. Third party monitoring of sedimentation and erosion controls will be performed by other parties, as necessary, under applicable local, state and/or federal regulations and permit conditions.
- f. No equipment, vehicles or construction materials shall be stored within 100 feet of wetland resources outside of the established work zone.
- g. All silt fencing and other erosion control devices shall be removed within 30 days of completion of work and permanent stabilization of site soils. If

fiber rolls/wattles, straw bales, or other natural material erosion control products are used, such devices will not be left in place to biodegrade and shall be promptly removed after soils are stable so as not to create a barrier to wildlife movement. Seed from seeding of soils should not spread over fiber rolls/wattles as it makes them harder to remove once soils are stabilized by vegetation.

3. Petroleum Materials Storage and Spill Prevention

- a. Certain precautions are necessary to store petroleum materials, refuel and contain and properly clean up any inadvertent fuel or petroleum (i.e., oil, hydraulic fluid, etc.) spill due to the project's location in proximity to wetland resources.
- b. A spill containment kit consisting of a sufficient supply of absorbent pads and absorbent material will be maintained by the Contractor at the construction site throughout the duration of the project. In addition, a waste drum will be kept on site to contain any used absorbent pads/material for proper and timely disposal off site in accordance with applicable local, state and federal laws.
- c. Servicing of machinery shall not occur within 100 feet of wetlands.
- d. At a minimum, the following petroleum and hazardous materials storage and refueling restrictions and spill response procedures will be adhered to by the Contractor.
 - i. Petroleum and Hazardous Materials Storage and Refueling
 1. Refueling of vehicles or machinery shall occur a minimum of 100 feet from wetlands and shall take place on an impervious pad with secondary containment designed to contain fuels.
 2. Any fuel or hazardous materials that must be kept on site shall be stored on an impervious surface utilizing secondary containment a minimum of 100 feet from wetlands.
 - ii. Initial Spill Response Procedures
 1. Stop operations and shut off equipment.
 2. Remove any sources of spark or flame.
 3. Contain the source of the spill.
 4. Determine the approximate volume of the spill.
 5. Identify the location of natural flow paths to prevent the release of the spill to sensitive nearby wetlands.
 6. Ensure that fellow workers are notified of the spill.
 - iii. Spill Clean Up & Containment
 1. Obtain spill response materials from the on-site spill response kit. Place absorbent materials directly on the release area.
 2. Limit the spread of the spill by placing absorbent materials around the perimeter of the spill.
 3. Isolate and eliminate the spill source.
 4. Contact appropriate local, state and/or federal agencies, as necessary.
 5. Contact a disposal company to properly dispose of

contaminated materials.

iv. Reporting

1. Complete an incident report.
2. Submit a completed incident report to local, state and federal agencies, as necessary, including the Connecticut Siting Council.

4. Herbicide, Pesticide, and Salt Restrictions

- a. The use of herbicides and pesticides at the Facility shall be minimized. If herbicides and/or pesticides are required at the Facility, their use will be used in accordance with current Integrated Pest Management ("IPM") principles with particular attention to avoid/minimize applications within 100 feet of wetland resources.
- b. Maintenance of the facility during the winter months shall minimize the application of chloride-based deicers salt with use of more environmentally friendly alternatives.

5. Reporting

- a. Compliance Monitoring Reports (brief narrative and applicable photos) documenting each APT inspection will be submitted by APT to Verizon and its Contractor for compliance verification of these protection measures. These reports are not to be used to document compliance with any other permit agency approval conditions (i.e., DEEP Stormwater Permit monitoring, etc.). Any non-compliance observations of erosion control measures or evidence of erosion or sediment release will be immediately reported to Verizon and its Contractor and included in the reports along with any observations of wildlife.
- b. Following completion of the construction project, APT will provide a final Compliance Monitoring Report to Verizon documenting implementation of the wetland protection program and monitoring observations. Verizon is responsible for providing a copy of the final Compliance Monitoring Report to the Connecticut Siting Council for compliance verification.
- c. Any observations of rare species will be reported to CTDEEP by APT, with photo-documentation (if possible) and with specific information on the location and disposition of the animal.



WETLAND INSPECTION

September 6, 2022

APT Project No.: CT14113440

Client: Verizon Wireless
20 Alexander Drive
Wallingford, CT 06492

Site Name & Address: Litchfield SE CT: Mason Hill Road, Litchfield, Connecticut

Project Description: Client proposes construction of a telecommunications facility in the eastern portion of the subject property just east of an Eversource electrical transmission line right-of-way

Date of Investigation: 8/11/2022

Field Conditions: **Weather:** sunny, mid 80's **Soil Moisture:** moist

Wetland/Watercourse Delineation Methodology¹:
 Connecticut Inland Wetlands and Watercourses
 U.S. Army Corps of Engineers

Municipal Upland Review Area:
Wetlands: 100 feet
Watercourses: 200 feet

The wetlands inspection was performed by²:

Dean Gustafson, Professional 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.³ 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.

¹ Wetlands and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance.

² All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

³ 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 Forms
- Wetland Inspection Map

Wetland Delineation Field Form

Wetland I.D.:	Wetland 1	
Flag #'s:	WF 1-01 to 1-07 and 1-08 to 1-23	
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 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 primarily a hillside seep system with seasonally saturated soils.		

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: None		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: flows from an off-site pond conveyed through a small seasonal intermittent watercourse channel located in the southern portion of this wetland, flowing to the west.		

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 generally consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Wetland soils: Ridgebury, Leicester, and Whitman soils (soil unit 3) Upland soils: Canton and Charlton fine sandy loams (soil unit 60); Charlton-Chatfield complex (soil unit 73); Woodbridge fine sandy loam (soil unit 46)		

DOMINANT PLANTS:

Red Maple (<i>Acer rubrum</i>)	Yellow Birch (<i>Betula alleghaniensis</i>)
Green Ash (<i>Fraxinus pennsylvanica</i>)	Spicebush (<i>Lindera benzoin</i>)
Multiflora Rose* (<i>Rosa multiflora</i>)	Japanese Barberry* (<i>Berberis thunbergii</i>)
Sensitive Fern (<i>Onoclea sensibilis</i>)	Tussock Sedge (<i>Carex stricta</i>)
Cinnamon Fern (<i>Osmunda cinnamomea</i>)	Winterberry (<i>Ilex verticillata</i>)

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Wetland 1 is located in the southeastern portion of the subject property, just west of an Eversource electrical transmission right-of-way ("ROW"). This wetland generally occurs in a forested setting (excepting for the portion of the wetland that extends into the nearby cleared ROW) dominated by red maple and spicebush. The hydrology of Wetland 1 is primarily associated with hillside seepage due to change in topographic relief in combination with a dense hardpan that perches seasonally shallow groundwater. A secondary component to this wetland's hydrology is overflow from a man-made pond located on the adjacent parcel to the east. Those flows are generally contained within a small seasonal intermittent watercourse channel that flows to the west along the southern limits of the delineated wetland feature.

The proposed telecommunication facility ("Facility") development activities are located ±56 feet west of the nearest location to Wetland 1's boundary. APT recommends appropriate erosion controls are designed, installed, and maintained in accordance with the *2002 Connecticut Guidelines For Soil Erosion and Sediment Control* and to limit clearing and grading in order to maintain a 50-foot buffer to Wetland 1. In addition, due to the proximity of the proposed Facility to Wetland 1, APT recommends a review of the final site plans to further evaluate potential wetland impacts and provide mitigation recommendations, if deemed necessary.

Wetland Delineation Field Form

Wetland I.D.:	Wetland 2	
Flag #'s:	WF 2-01 to 2-06	
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 type="checkbox"/>	Temporarily Flooded <input type="checkbox"/>
Permanently Saturated <input type="checkbox"/>	Seasonally Saturated/seepage <input checked="" type="checkbox"/>	Seasonally Saturated/perched <input type="checkbox"/>
Comments: Wetland 2 is a wet meadow hillside seep subject to ROW vegetation maintenance and recent structure replacement work.		

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 type="checkbox"/>
Open Water <input type="checkbox"/>	Disturbed <input checked="" type="checkbox"/>	Wet Meadow <input checked="" type="checkbox"/>
Comments: As a result of regular vegetation management required for the electrical transmission system, vegetation class for Wetland 2 is primarily emergent vegetation.		

WATERCOURSE TYPE:

Perennial <input type="checkbox"/>	Intermittent <input checked="" type="checkbox"/>	Tidal <input type="checkbox"/>
Watercourse Name: Unnamed		
Comments: Beyond the limits of the delineated portion of Wetland 2, this feature conveys its flows to the south through a small intermittent watercourse 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 generally consistent with NRCS mapped soils?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Wetland soils: Ridgebury, Leicester, and Whitman soils (soil unit 3) Upland soils: Canton and Charlton fine sandy loams (soil unit 60); Charlton-Chatfield complex (soil unit 73); Woodbridge fine sandy loam (soil unit 46)		

DOMINANT PLANTS:

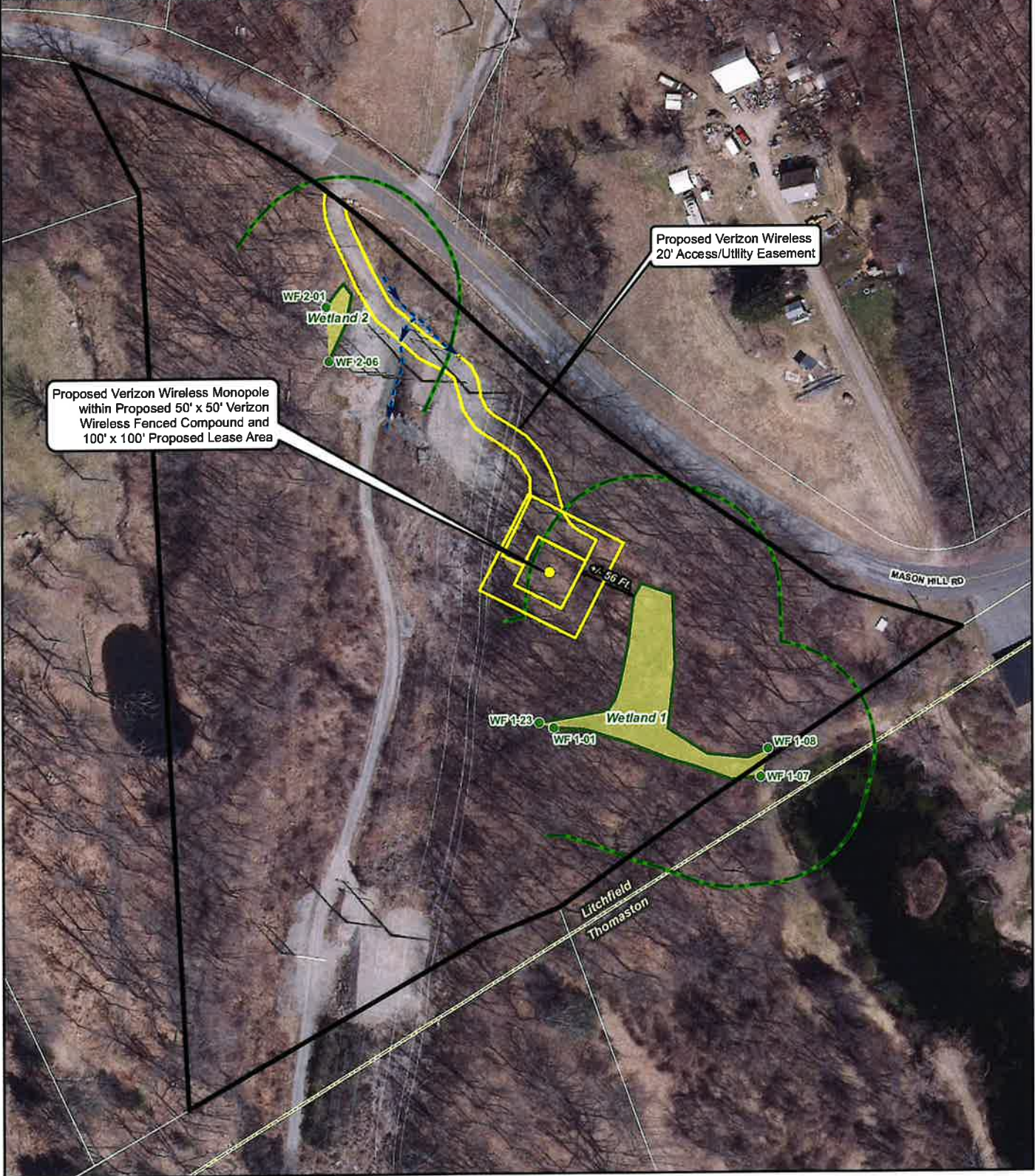
Common Reed* (Phragmites australis)	Soft Rush (Juncus effuses)
Tearthumbs (Polygonum spp.)	Fox Sedge (Carex vulpinoidea)
Joe Pye Weed (Eupatorium maculatum)	Purple Loosestrife* (Lythrum salicaria)
Jewelweed (Impatiens capensis)	Sedges (Carex spp.)
Tearthumbs (Polygonum spp.)	

* denotes Connecticut Invasive Species Council invasive plant species

GENERAL COMMENTS:

Wetland 2 is located in the northwestern portion of the subject property, adjacent to an existing gravel maintenance road associated with the Eversource electrical transmission right-of-way ("ROW"). This wetland is also in close proximity to electrical transmission structures that were recently replaced and which contain large gravel work pads and associated drainage improvements (e.g., gravel drainage swales). Contained within the vegetation clearance zone for the ROW, Wetland 2 consists mainly of wet meadow emergent vegetation. Beyond the limits of the delineated portion of Wetland 2, this feature conveys its flows to the south through a small intermittent watercourse channel.

Access to the proposed Verizon Wireless telecommunications facility from Mason Hill Road would use the existing gravel access. APT does not anticipate significant improvements will be required to this existing access but recommends appropriate erosion controls are designed, installed, and maintained in accordance with the *2002 Connecticut Guidelines For Soil Erosion and Sediment Control*. In addition, due to the proximity of the proposed access to Wetland 2, APT recommends a review of the final site plans to further evaluate potential wetland impacts and provide mitigation recommendations, if deemed necessary.



Proposed Verizon Wireless Monopole within Proposed 50' x 50' Verizon Wireless Fenced Compound and 100' x 100' Proposed Lease Area

Proposed Verizon Wireless 20' Access/Utility Easement

Legend

- Proposed Verizon Wireless Site Layout
- Subject Property
- Approximate Parcel Boundary
- Proposed Verizon Wireless Tower
- Wetland Flag
- Existing Drainage Swale
- 100' Upland Review Area
- Delineated Wetland Boundary
- Approximate Wetland Area
- Municipal Boundary

Wetland Inspection Map
 Proposed Wireless Telecommunications Facility
 Litchfield SE CT
 Mason Hill Road
 Litchfield, Connecticut

Map Notes:
 Base Map Source: 2019 Aerial Photograph (CTECO)
 Map Scale: 1 Inch = 125 feet
 Map Date: August 2022

