

Wetland Delineation Report

Jericho Rise Wind Farm

Towns of Chateaugay and Bellmont

Franklin County, New York

Prepared for:



EDP Renewables North America, LLC
808 Travis St, Ste 700
Houston, TX 77002
P. (713) 265-0350
E. info@edpr.com

Prepared by:



Environmental Design & Research, Landscape Architecture,
Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000
Syracuse, New York 13202
P. 315.471.0688
F. 315.471.1061
E. syr@edrdpc.com

August 2015

TABLE OF CONTENTS

1.0	INTRODUCTION	3
1.1	PROJECT DESCRIPTION	3
1.2	PURPOSE	3
1.3	RESOURCES	4
1.4	QUALIFICATIONS	4
2.0	REGULATORY AUTHORITIES AND PERMITS	5
2.1	WATERS OF THE UNITED STATES	5
2.2	NEW YORK STATE FRESHWATER WETLANDS AND PROTECTED STREAMS	6
3.0	PHYSICAL CHARACTERISTICS AND RESOURCES	7
3.1	PHYSIOGRAPHY AND SOILS	7
3.2	HYDROLOGY	9
3.3	FEDERAL AND STATE MAPPED WETLANDS AND STREAMS	9
4.0	WETLAND AND STREAM IDENTIFICATION	11
4.1	METHODOLOGY	11
4.2	RESULTS	12
4.2.1	Wetlands	16
5.0	CONCLUSIONS	17
6.0	REFERENCES	17

LIST OF TABLES

Table 1.	Study Area Soils	7
Table 2.	State-Regulated Wetlands in the Vicinity of the Project Site	10
Table 3.	State-Mapped Streams Within the Study Area	10
Table 4.	Delineated Wetlands and Streams	13

LIST OF ATTACHMENTS

Attachment A. Figures

Figure 1. Project Location - Regional

Figure 2. Study Area

Figure 3. Topographic Mapping

Figure 4. Project Area Soils

Figure 5. NWI and NYSDEC Freshwater Streams & Wetlands

Figure 6. Delineated Wetlands and Streams – Project Components View

Figure 7. Delineated Wetlands and Streams – Wetland Flag View

Attachment B. Routine Wetland Determination Forms (see Enclosed CD)

Attachment C. Photos of Representative Wetland Communities

1.0 INTRODUCTION

1.1 PROJECT DESCRIPTION

Jericho Rise Wind Farm LLC (the Applicant), a wholly owned subsidiary of EDP Renewables (EDPR), is proposing to construct a wind energy generation facility (and associated necessary Project infrastructure) in the Towns of Chateaugay and Belmont in Franklin County, New York (see Figure 1). The Project will consist of up to 37 turbines; each with a nameplate capacity of 2.1 megawatts (MW), for a total anticipated nameplate generating capacity of approximately 78 MW. However, to allow for flexibility on final site selection, the Applicant is evaluating 43 turbine sites. The wind turbine proposed for the Project is the Gamesa G-114 or equivalent model. Each wind turbine consists of three major mechanical components: the tower, nacelle, and rotor.

In addition to the turbines, the Project will include construction and operation of a single permanent meteorological tower, a system of gravel access roads, electrical collection and communication cables and a substation. Along with the permanent components of the Project, construction of the Project will also require a temporary construction staging area to store Project components (laydown yard), accommodate construction trailers, and provide parking for construction vehicles.

At the request of the Applicant, EDR investigated portions of approximately 5,895 acres of leased private land, or land that is currently under negotiation to lease. The land, hereafter referred to as the Project site, is roughly bound by State Route 11 to the north, the Chateaugay River to the east, County Route 24 to the south, and the Burke/Chateaugay town boundary to the west (see Figure 2).

EDR was retained to identify all wetlands and streams within the anticipated limit of disturbance associated with all Project components described above (hereafter referred to as the "Study Area"). Specifically, the Study Area includes a 100 foot corridor for proposed access roads, a 75-foot corridor for collection lines, a 250-foot radius around each turbine, and the meteorological tower, along with those areas that include the substation, laydown yard, and temporary public road/turning radii improvements. All wetland and stream delineations took place there during the growing season of 2015, from early June through mid-August.

1.2 PURPOSE

The purpose of this study was to delineate and describe all on-site wetlands and streams that may fall under state or federal jurisdiction. Specific tasks performed for this study included 1) review of background resource data/mapping, 2) field delineation and flagging of all potential state and federal jurisdictional wetlands and streams, 3) subsequent Global Positioning System (GPS) survey of on-site delineated wetlands and streams, 4) quantification of the area of on-site jurisdictional wetlands and streams, and 5) a detailed description of potentially jurisdictional areas based on hydrology, vegetation, and soils data collected in the field.

This report describes the results of the on-site wetland and stream delineations conducted by EDR, including a description of the wetlands and other waters that were identified and their likely jurisdictional status. This document is intended to provide all of the information necessary to identify on-site jurisdictional areas and support a permit application that is to be submitted to the United States Army Corps of Engineers (USACE) and the New York State Department of Environmental Conservation (NYSDEC), and other impact evaluations conducted in support of the State Environmental Quality Review Act (SEQRA).

1.3 RESOURCES

Materials and literature supporting this investigation have been derived from a number of sources including USGS topographic mapping (Brainardsville, Burke, and Chateaugay NY 7.5 minute quadrangles), United States Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) mapping, NYSDEC freshwater wetlands mapping, Natural Resources Conservation Service (NRCS) Web Soil Survey (Soil Survey Staff, 2015), the NRCS List of Hydric Soils of the State of New York (NRCS, 2014), and recent aerial photography.

Vascular plant names follow nomenclature found in the New York Flora Atlas (Weldy et al., 2015), and wetland indicator status for vegetative species was determined by reference to the National Wetland Plant List (Lichvar et al., 2014). Jurisdictional areas were characterized according to the wetlands and deepwater habitats classification system used in NWI mapping (Cowardin, 1979).

1.4 QUALIFICATIONS

Mr. Liddell is an Environmental Analyst/Field Biologist with over five years' experience in the environmental field. He received a Bachelor of Science and Graduate Certificate in Natural Resource Management from James Cook University, Townsville, Australia through direct program affiliations with the University at Buffalo Honors College, Amherst, NY. Mr. Liddell's experience includes wetland and stream delineation, wetland permitting, wetland/coastal mitigation design and monitoring, conservation and environmental research, endangered species and wildlife management, habitat restoration, ecological surveys, invasive species management, environmental impact analysis, and geographic information system data analysis.

Ms. Freeland is an Ecological Resources Specialist with over six years of experience. She holds a Bachelor's degree in Biology from Hamilton College and a Master's degree in Botany from University of Wyoming. Ms. Freeland's experience includes wetland and stream delineation, botanical and ecological surveys, rare species investigations, environmental impact analysis, and geographic information system data analysis. Prior to joining EDR, she did botanical survey and upland vegetation assessment for federal agencies in Colorado, Montana, Nevada, and Wyoming. Other experience includes floristic inventories, GPS survey and mapping, GIS mapping, and a variety of wildlife surveys.

Mr. Wojcikiewicz is an Environmental Analyst/Field Biologist with more than three years of experience in the natural resources field. He received a Bachelor of Science in Biology from Clarkson University in Potsdam, NY and a Master's Degree in Biology from Virginia Commonwealth University in Richmond, VA. Mr. Wojcikiewicz's experience includes

wetland and stream delineations, wetland permitting, ecological surveys, ecological research, invasive species management, environmental impact analysis, and geographic information systems data analysis.

2.0 REGULATORY AUTHORITIES AND PERMITS

2.1 WATERS OF THE UNITED STATES

In accordance with the Section 404 of the Clean Water Act, the Corps has regulatory jurisdiction over Waters of the United States. As defined by the Corps, Waters of the United States include all lakes, ponds, streams (intermittent and perennial), and wetlands. Jurisdictional wetlands are defined as “those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions” (USEPA, 2001). Such areas are indicated by the presence of three criteria: hydrophytic vegetation, hydric soils, and evidence of wetland hydrology during the growing season (Environmental Laboratory, 1987). However, as a result of the Solid Waste Agency of Northern Cook County v. U.S. Army Corps of Engineers Supreme Court case (No. 99-1178; January 9, 2001), it has been determined that the Corps does not have jurisdictional authority over waters that are “nonnavigable, isolated, and intrastate” (USEPA, 2001). The jurisdictional status of all on-site waters can only be determined following official documentation provided by the Corps, which typically includes a field visit.

More recently, the Supreme Court decided *U.S. v. Rapanos*, (547 U.S., June 19, 2006), in which it held in two consolidated cases (*Rapanos* and *Carabell*) that the Corps misinterpreted the Clean Water Act in determining its jurisdiction over wetland protection. On June 5, 2007 the Environmental Protection Agency (USEPA) and the Department of Army (DOA) issued Clean Water Act jurisdiction guidance following the Supreme Court’s decision in *Rapanos* and *Carabell*. A summary of this guidance is as follows:

The agencies will assert jurisdiction over the following waters:

- Traditional navigable waters;
- Wetlands adjacent to traditional navigable waters;
- Non-navigable tributaries of traditional navigable waters that are relatively permanent where the tributaries typically flow year-round or have continuous flow at least seasonally (e.g., typically three months); and
- Wetlands that directly abut such tributaries.

The agencies will decide jurisdiction over the following waters based on a fact-specific analysis to determine whether they have significant nexus with a traditional navigable water:

- Non-navigable tributaries that are not relatively permanent;
- Wetlands adjacent to non-navigable tributaries that are not relatively permanent; and
- Wetlands adjacent to, but that do not directly abut, a relatively permanent non-navigable tributary.

The agencies generally will not assert jurisdiction over the following features:

- Swales or erosional features (e.g., gullies, small washes characterized by low volume, infrequent, or short duration flow); and
- Ditches (including roadside ditches) excavated wholly in and draining only uplands and that do not carry a relatively permanent flow of water.

The agencies will apply the significant nexus standard as follows:

- A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by all wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical and biological integrity of downstream traditional navigable waters; and
- Significant nexus includes consideration of hydrologic and ecologic factors.

Section 10 of the Rivers and Harbor Act (33 U.S.C. 401 et seq.) requires a permit from the Corps to construct any structure in or over any navigable water of the United States, as well as any proposed action that would alter or disturb (such as excavation/dredging or deposition of materials) these waters. If the proposed structure or activity affects the course, location, condition, or capacity of the navigable water, even if the proposed activity is outside the boundaries of the water body, a permit from the Corps is required.

2.2 NEW YORK STATE FRESHWATER WETLANDS AND PROTECTED STREAMS

The Freshwater Wetlands Act (Article 24 and Title 23 of Article 71 of the Environmental Conservation Law) gives the NYSDEC jurisdiction over state-protected wetlands and adjacent areas (100-foot upland buffer). The Freshwater Wetlands Act requires the NYSDEC to map all state-protected wetlands to allow landowners and other interested parties a means of determining where state jurisdictional wetlands exist. To implement the policy established by this Act, regulations were promulgated by the state under 6 NYCRR Parts 663 and 664. Part 664 of the regulations designates wetlands into four class ratings, with Class I being the highest or best quality wetland and Class IV being the lowest. In general, wetlands regulated by the state are those 12.4 acres in size or larger. Smaller wetlands can also be regulated if they are considered of unusual local importance. A 100-foot adjacent area around the delineated boundary of any state-regulated wetland is also under NYSDEC jurisdiction. An Article 24 permit is required from the NYSDEC for any disturbance to a state-protected wetland or an adjacent area, including removing vegetation.

Under Article 15 of the Environmental Conservation Law (Protection of Waters), the NYSDEC has regulatory jurisdiction over any activity that disturbs the bed or banks of protected streams. In addition, small lakes and ponds with a surface area of 10 acres or less, located within the course of a protected stream, are considered to be part of a stream and are subject to regulation under the stream protection category of Article 15. Protected stream means any stream, or particular portion of a stream, that has been assigned by the NYSDEC any of the following classifications or standards: AA, A, B, or C(T) or C(TS) (6 NYCRR Part 701). A classification of AA or A indicates that the best use of the stream is as a source of water supply for drinking, culinary or food processing purposes, primary and secondary contact recreation, and fishing. The best usages of Class B waters are primary and secondary contact recreation and fishing. The best usage of Class C waters is fishing. Streams designated (T) indicate that they support trout, while those designated (TS) support trout spawning. State water quality classifications of unprotected watercourses include Class

C and Class D streams. Waters with a classification of D are suitable for fishing and non-contact recreation. An Article 15 permit is required from the NYSDEC for any disturbance to a stream classified C(T) or higher.

3.0 PHYSICAL CHARACTERISTICS AND RESOURCES

3.1 PHYSIOGRAPHY AND SOILS

The Study Area is located on the southern edge of the St. Lawrence Hills sub-region located within the St. Lawrence-Champlain Lowlands physiographic province. This area resides south of the St. Lawrence Marine Plain sub-region and north of the foothills to the Adirondack Mountains. This range can be described as gently rolling countryside underlain by sandstones and limestones and scattered with glacial drift comprising of large to moderate boulders and cobblestones. Numerous drumlins or drumlin-like hills furnish much of the local upland relief while long, shallow concave depressions scattered throughout the region carry and direct most of the hydrological flows to major streams or rivers. Elevations within the Study Area range from approximately 980 feet to approximately 1,370 feet above mean sea level (Figure 3).

The Franklin County soil surveys have mapped general soil associations and soil types within the Study Area. The soil surveys indicate that eight (8) soil associations and 39 soil map units from 20 different soil series are present within the Project Area (Figure 4). Of these, Westbury is the most dominant soil series, covering over 513 acres, or 44 percent, of the Study Area. Other prominent soil series include Empeyville and Tughill soil series. Soil drainage in the Study Area is variable, with approximately 52 percent somewhat poorly drained, 27 percent moderately well drained, 15 percent very poorly drained, and around six (6) percent well drained. Table 1 lists the soil map units within the Study Area and their characteristics. "Hydric" and "Potentially Hydric" designations were based on information obtained on the USDA Web Soil Survey (Soil Survey Staff, 2015). Although soil series may be generally classified as hydric or potentially hydric on the online databases, this is for general use and does not supersede specific conditions found in the field.

Table 1. Study Area Soils

Mapping Unit	Series	Slope (%)	Drainage ¹	Hydric ²	Potentially Hydric ³
Abd	Adams and Colton soils, severely eroded	8-25	SED	No	No
Ace	Adams and Colton soils	25-60	SED	No	No
Bea	Brayton stony loam	0-3	SPD	No	Yes
Beb	Brayton stony loam	3-8	SPD	No	Yes
Bfb	Brayton very stony loam	0-8	SPD	No	Yes
Caa	Colton and Constable gravelly loamy sands	0-3	ED	No	No
Cab	Colton and Constable gravelly loamy sands	3-8	ED	No	No
Cbb	Colton and Constable cobbly loamy sands	3-8	ED	No	No
Ccc	Colton and Constable gravelly and cobbly loamy sands	8-15	ED	No	No

Mapping Unit	Series	Slope (%)	Drainage ¹	Hydric ²	Potentially Hydric ³
Ccd	Colton and Constable gravelly and cobbly loamy sands	15-25	ED	No	No
Daa	Duane gravelly sandy loam	0-3	MWD	No	No
Eaa	Empeyville stony very fine sandy loam	0-3	MWD	No	No
Eab	Empeyville stony very fine sandy loam	3-8	MWD	No	No
Eac	Empeyville stony very fine sandy loam	8-15	MWD	No	No
Ebb	Empeyville very stony very fine sandy loam	0-8	MWD	No	No
Ecd	Empeyville and Moira stony very fine sandy loams	15-25	MWD	No	No
Edc	Empeyville and Moira very stony very fine sandy loams	8-25	MWD	No	No
Mea	Moira stony loam	0-3	MWD	No	No
Meb	Moira stony loam	3-8	MWD	No	No
Mec	Moira stony loam	8-15	MWD	No	No
Saa	Saco and Sloan soils	0-2	VPD	Yes	No
Sea	Scarboro fine sandy loam	0-3	VPD	Yes	No
Sh	Stony land, Hermon and Becket soils	3-60	SED	No	No
Sk	Stony land, Worth and Parishville soils	3-60	WD	No	No
Sma	Sun stony loam	0-5	VPD	Yes	No
Sna	Sun very stony loam	0-3	VPD	Yes	No
Tab	Trout River gravelly loamy sand	3-8	ED	No	No
Tca	Tughill and Dannemora stony very fine sandy loams	0-3	VPD	Yes	No
Tda	Tughill and Dannemora very stony very fine sandy loams	0-3	VPD	Yes	No
W	Water	-	-	-	-
Wca	Walpole sandy loam	0-6	PD	Yes	No
Wma	Westbury and Dannemora stony very fine sandy loams	0-3	SPD	No	Yes
Wmb	Westbury and Dannemora stony very fine sandy loams	3-8	SPD	No	Yes
Wna	Westbury and Dannemora very stony fine sandy loams	0-8	SPD	No	Yes
Woc	Westbury and Brayton very stony very fine sandy loams	8-15	SPD	No	Yes
Wqb	Worth stony fine sandy loam	3-8	WD	No	No
Wsb	Worth very stony fine sandy loam	3-8	WD	No	No
Wsd	Worth very stony fine sandy loam	8-25	WD	No	No
Wte	Worth and Parishville soils	25-60	WD	No	No

¹ Soil drainage is represented by the following abbreviations: "ED" = excessively drained, "SED" = somewhat excessively drained, "WD" = well drained, "MWD" = moderately well drained, "SPD" = somewhat poorly drained, "PD" = poorly drained, and "VPD" = very poorly drained.

²"Yes" indicates this soil is listed as containing 66% or more hydric components within the map unit as listed on the USDA Web Soil Survey.

³"Yes" indicates this soil is listed as containing 1% to 65% hydric components within the map unit as listed on the USDA Web Soil Survey.

3.2 HYDROLOGY

The Project site is located in the English-Salmon drainage basin (USGS Hydrologic Unit 04150307) of the St. Lawrence watershed (USGS, 2014). The majority of surface hydrology on the Project Area is generated by precipitation and surface water run-off from adjacent land. Total annual precipitation (from 1971 to 2000) averaged 38.86 inches in nearby Malone, New York (NOAA, 2015). Mapped surface water resources within the Project Area are described below and are illustrated in Figure 5.

The largest surface water body in the Project site is the Chateaugay River, a perennial stream about 50-90 feet wide, located along the eastern edge of the Project site. It drains north, crossing into Canada approximately six miles north of the Project site. High Falls, with an approximately 120-foot drop, is a tourist attraction on the Chateaugay River about one half a mile east of the Project site boundary.

Allen Brook originates in the Project site and flows north, draining into the Chateaugay River approximately three miles north of the Project site. In the Project site, Allen Brook is up to approximately 12 feet wide and runs through forested communities.

The Little Trout River originates south of the Project site, and flows northwest through the southwest portion of the Project site. Its width ranges from about 10 to 40 feet through the Project site, and it has a moderate flow rate. Alder Brook is a named tributary of the Little Trout River. Alder Brook originates in the Project site and drains northwest, draining into the Little Trout River about seven miles northwest of the Project site. Collins Brook is a named tributary of the Trout River. It is about 10 to 30 feet wide through the Project site, with moderate flow rate.

Other streams in the Project site are primarily low-gradient drainage features that meander through wetlands, forests, agricultural fields, hedgerows, and pastures. Most of these streams are less than 10 feet wide with variable substrates, and vegetative cover characteristics. Some Project Area streams have well-defined and abrupt banks, while the banks of others transition gradually into adjacent wetland vegetation. There are also a few small farm ponds/open water areas interspersed throughout the area. Generally, they are found in farm settings, adjacent to houses and barns, or within wetlands. Water depths in these ponds, although not verified, are anticipated to be four feet or more. They may be used as a source of water for livestock or for fishing and aesthetic purposes.

3.3 FEDERAL AND STATE MAPPED WETLANDS AND STREAMS

National Wetland Inventory (NWI) mapping covers the Project site, and 58 wetlands have been mapped, totaling 260 acres. NWI mapping separates wetlands based on the vegetative community, so for NWI purposes, a single wetland with two community types is mapped as two different wetlands. Field reconnaissance indicates that a number of additional wetlands that are likely to be under federal jurisdiction occur in the Project site. The NWI data indicate that forested wetlands are the dominant wetland community in the area, totaling approximately 184 acres. Other NWI-mapped wetland communities include scrub/shrub wetlands (33 acres), combination forested and scrub/shrub wetlands (23 acres), riverine wetlands (12 acres), freshwater emergent wetlands (8 acres), and ponds (11 acres).

Review of NYSDEC mapping indicates that just one freshwater wetland, CG-6, occurs near the Study Area that is regulated under Article 24 of the Environmental Conservation Law (Figure 5). This Class III wetland is located toward

the northern portion of the Project site, on the north and south sides of Jerdon Road, extending via a stream to the west side of Willis Road. Although parts of it are in the Project site, it does not overlap the Study Area. Table 2 provides a summary of State-regulated wetlands in the vicinity of the Project site.

Table 2. State-Regulated Wetlands in the Vicinity of the Project Site

Wetland	Class ¹	Total Size (Acres)	Size Within Study Area (Acres)
CG-6	III	20.39	0

¹ NYS classification system provides four separate classes that rank wetlands according to their ability to provide functions and values (Class I having the highest rank, descending through Class IV).

There are six streams that flow through the Project site protected by NYSDEC under the Protection of Waters Act, all of which have the designation of C(T): Alder Brook, an unnamed tributary of Alder Brook, Allen Brook, Chateaugay River, Collins Brook, and the Little Trout River. Several of these cross the Study Area. Table 3 provides a summary of State-mapped streams, and their linear distances, that cross the Study Area

Table 3. State-Mapped Streams Within the Study Area

Stream Name	NYSDEC Class	Linear Feet Within Study Area
Alder Brook	C(T)	1321
Alder Brook (trib)	D	434
Alder Brook (trib)	C(T)	2418
Alder Brook (trib)	D	921
Alder Brook (trib)	C(T)	864
Allen Brook (trib)	D	781
Allen Brook (trib)	D	1280
Allen Brook (trib)	C(T)	1505
Little Trout River (trib)	D	833
Little Trout River	C(T)	666
Little Trout River (trib)	D	679
Little Trout River (trib)	D	480

All other mapped streams within the Project site are classified by the NYSDEC as class D streams and are therefore not subject to Protection of Waters regulations. However, all perennial and intermittent streams in the Project Area will likely be considered jurisdictional by the USACE under Section 404 of the Clean Water Act. There are no streams regulated by Section 10 of the Rivers and Harbors Act of 1899 (navigable waters) within the Project site. In addition, based on the definition set forth at 6 NYCRR 608.1(u) of the Environmental Conservation Law, and site-specific investigations, it is not anticipated that any waters identified within the Project site would meet the New York State definition of "navigable".

4.0 WETLAND AND STREAM IDENTIFICATION

4.1 METHODOLOGY

A preliminary desktop analysis of the Project site was conducted by EDR prior to performing on-site wetland delineation. The desktop analysis was performed using NYSDEC Freshwater Wetland Mapping, NWI Wetland Mapping, USGS Topographic Mapping, recent aerial photography. From these mapped resources, EDR identified areas likely to contain wetland and stream resources within the Study Area in order to assist with avoiding impacts to on-site wetlands during the preliminary siting of Project components.

The entire Study Area was investigated, and all wetlands and streams were delineated during the spring and summer of 2015. The determination of wetland boundaries was made by EDR personnel according to the three-parameter methodology described in the *USACE Wetland Delineation Manual* (hereafter referred to as the 1987 Manual) (Environmental Laboratory, 1987). Determination of wetland boundaries was also guided by the *Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: North central and Northeastern Region* (hereafter referred to as the Regional Supplement) (USACE, 2012). Attention was also given to the identification of potential hydrologic connections between wetland areas that could influence their jurisdictional status. Wetland boundaries were defined in the field with sequentially numbered pink surveyor's flagging.

Data were collected from one or more sample plots in each delineated wetland (depending on the size and diversity of ecological communities of the delineated area), and recorded on USACE Routine Wetland Determination forms (Attachment B). Data collected for each of the wetlands delineated by EDR personnel included dominant vegetation, hydrology indicators, and soil characteristics. Data collected for streams included information on channel width, water depth, substrate material, bank condition and gradient.

The vegetative data collection process focused on dominant plant species in four categories: trees (>3" diameter at breast height), saplings/shrubs (<3.0" diameter at breast height and >3.2' tall), herbs (<3.2' tall), and woody vines. Dominance was measured by visually estimating those species having the largest relative basal area (trees), greatest height (saplings/shrubs), greatest number of stems (woody vines), and greatest percentage of aerial coverage (herbaceous) by species. Dominant species for each stratum in the plant community were identified for all delineated wetlands on the site. The dominant species from each category are defined as those plants with the highest ranking which, when cumulatively totaled, exceeds 50 percent of the total dominance measure for that category, plus any additional plant species comprising 20 percent or more of the total dominance measure for the category. The species were rank ordered for each category by decreasing value of dominance.

Soils data at each sampling location were collected by EDR personnel subsequent to digging a soil pit with a tiling spade. Information concerning soil name, drainage classification, texture, matrix and redoximorphic feature color was obtained for each delineated wetland by reviewing the County Soil Surveys and through field sampling. Soil colors were determined using Munsell Soil Charts (K. I. Corporations, 2000). These data were used to determine whether the soils displayed hydric characteristics. Hydric soils are those that are saturated, flooded, or ponded long enough during the growing season to develop anaerobic conditions in the upper part of the soil layer. Hydric soils are poorly drained, and their presence is indicative of the likely occurrence of wetlands (Environmental Laboratory, 1987).

The Regional Supplement lists the following indicators as evidence of wetland hydrology (in order of decreasing reliability): (A1) surface water, (A2) high water table, (A3) saturation, (B1) water marks, (B2) sediment deposits, (B3) drift deposits, (B4) algal mat or crust, (B5) iron deposits, (B7) inundation visible on aerial imagery, (B8) sparsely

vegetated concave surface, (B9) water-stained leaves, (B13) aquatic fauna, (B15) marl deposits, (C1) hydrogen sulfide odor, (C3) oxidized rhizospheres on living roots, (C4) presence of reduced iron, (C6) recent iron reduction in tilled soils, and (C7) thick muck surface. Hydrologic characteristics (inundation and soil saturation) were visually assessed to a depth of 12 inches. The hydrology indicators described above are considered "primary indicators," and any one of these indicators is sufficient evidence that wetland hydrology is present. In addition, "secondary indicators" used by EDR personnel included: (B6) surface soil cracks, (B10) drainage patterns, (B16) moss trim lines, (C2) dry-season water table, (C8) crayfish burrows, (C9) saturation visible on aerial imagery, (D1) saturation visible on aerial imagery, (D2) geomorphic position, (D3) shallow aquitard, (D4) microtopographic relief, and (D5) fac-neutral test. Any two of these also indicate the presence of wetland hydrology. Wetland hydrology, when combined with a dominant hydrophytic plant community and hydric soils, indicate the presence of a wetland.

Photographs were taken of all wetlands and streams delineated within the Study Area. Photographs representative of the delineated wetlands and streams are included in Attachment C.

4.2 RESULTS

EDR delineated 58 wetlands and streams within the Study Area, totaling approximately 91.9 acres. Information pertaining to individual wetlands and streams is summarized in Table 4 below. Wetlands and streams were categorized as one or more of the following community types: emergent wetland (PEM), scrub-shrub wetland (PSS), forested wetland (PFO), open water (OW), riverine upper perennial (RUP), and riverine intermittent (RI). All delineated wetlands and streams in the vicinity of Project components are depicted in Figure 6. Large scale maps depicting detail on locations of all wetland flags is included in Figure 7.

Table 4. Delineated Wetlands and Streams

Delineation ID	Wetland Present	Wetland Type ¹	Wetland Acreage Within Study Area	Stream Present?	Stream Type ²	Linear Feet of Stream Within Study Area ³	NYSDEC Stream Class	Stream Name	Federal Jurisdiction ⁴	State Jurisdiction ⁵	Appen. A, Figure 7, Sheet #
A	Yes	PFO/PEM	0.146	--	--	--	--	--	Yes	--	103, 104
B	Yes	PFO	2.757	--	--	--	--	--	Yes	--	103, 104, 105, 106
C	Yes	PFO	0.28	--	--	--	--	--	Yes	--	80
D	Yes	PFO	2.433	--	--	--	--	--	Yes	--	80, 81, 82
E	Yes	PSS	2.321	--	--	--	--	--	Yes	--	83, 84
F	--	--	--	Yes	RUP	186	--	Unnamed Tributary of Chateaugay River	Yes	--	85, 86
G	Yes	PFO/PEM	3.109	--	--	--	--	--	Yes	--	86, 87, 88, 89, 90, 92
H	Yes	PFO/PSS	3.671	--	--	--	--	--	Yes	--	87, 88, 89, 91, 92
I	--	--	--	Yes	RUP	308	--	Unnamed Tributary of Chateaugay River	Yes	--	64
J	Yes	PFO	0.412	--	--	--	--	--	--	--	63
K	Yes	PFO	0.356	--	--	--	--	--	Yes	--	62
L	Yes	PFO/PEM	0.147	--	--	--	--	--	Yes	--	60
M	Yes	PFO/PEM	8.247			--	--	--	Yes	--	53, 54, 55, 58, 59
N	Yes	PSS/PEM	3.67	Yes	RIN	600	--	Unnamed Tributary of Chateaugay River	Yes	--	55, 56, 57
O	Yes	PFO	1.519	--	--	--	--	--	Yes	--	47, 48, 49
P	Yes	PSS/PEM	3.67	Yes	RIN	581	--	Unnamed Tributary of Alder Brook	Yes	--	45, 46, 47, 49, 50
Q	Yes	PEM/OW	2.66	--	--	--	--	--	Yes	--	37, 38
R	Yes	PFO	0.954	--	--	--	--	--	Yes	--	26, 27, 28
S	Yes	PSS/PEM	0.774	--	--	--	--	--	Yes	--	22, 23

Delineation ID	Wetland Present	Wetland Type ¹	Wetland Acreage Within Study Area	Stream Present?	Stream Type ²	Linear Feet of Stream Within Study Area ³	NYSDEC Stream Class	Stream Name	Federal Jurisdiction ⁴	State Jurisdiction ⁵	Appen. A, Figure 7, Sheet #
T	Yes	PFO	1.079	--	--	--	--	--	Yes	--	116, 117, 118
U	Yes	PFO	1.959	--	--	--	--	--	Yes	--	13, 14, 15
V	Yes	PSS/PEM/OW	0.45	--	--	--	--	--	Yes	--	7, 8
W	Yes	PFO	1.945	--	--	--	--	--	Yes	--	73, 74, 75, 76
X	Yes	PSS/PEM	1.243	--	--	--	--	--	Yes	--	67, 68
Y	Yes	PFO	0.778	Yes	RUP	581	D	Unnamed Tributary of Little Trout River	Yes	--	65, 66
Z	Yes	PSS	0.408	--	--	--	--	--	--	--	40
AA	Yes	PFO/PEM	5.419	--	--	--	--	--	Yes	--	39, 40, 41, 42, 43
BB	Yes	PFO	2.053	--	--	--	--	--	Yes	--	69, 70
CC	Yes	PFO/PEM	1.466	--	--	--	--	--	Yes	--	71, 72
DD	Yes	PSS/PEM	1.463	--	--	--	--	--	Yes	--	77, 78, 79
EE	Yes	PFO/PEM/O W	7.764	Yes	RUP	2,345	C(T), D	Alder Brook	Yes	--	29, 30, 31, 32, 33
FF	Yes	PFO	1.072	Yes	RIN	704	--	Unnamed Tributary of Alder Brook	Yes	--	34, 35
GG	Yes	PSS/PEM	1.027	--	--	--	D	--	Yes	--	24, 25
HH	Yes	PFO/PSS	2.713	--	--	--	--	--	Yes	--	19, 20, 21
II	Yes	PSS	0.262	--	--	--	--	--	Yes	--	18
JJ	Yes	PFO	1.713	Yes	RUP	788	C(T)	Allen Brook	Yes	--	9, 11, 12
KK	Yes	PEM	0.247	Yes	RIN	380	D	Unnamed Tributary of Allen Brook	Yes	--	9, 10
LL	Yes	PFO	1.64	--	--	--	--	--	Yes	--	16, 17, 18
NN	Yes	PEM	0.733	Yes	RIN	1,318	D	Unnamed Tributary of Allen Brook	Yes	--	3, 4, 5
OO	Yes	OW	0.144	--	--	--	--	--	--	--	17
PP	Yes	PSS/PEM	2.942	Yes	RUP	966	--	Unnamed Tributary of Little Trout River	Yes	--	99, 100, 101, 102
QQ	Yes	PEM	0.825	--	--	--	--	--	Yes	--	97, 98
RR	Yes	PFO	0.326	--	--	--	--	--	Yes	--	44

Delineation ID	Wetland Present	Wetland Type ¹	Wetland Acreage Within Study Area	Stream Present?	Stream Type ²	Linear Feet of Stream Within Study Area ³	NYSDEC Stream Class	Stream Name	Federal Jurisdiction ⁴	State Jurisdiction ⁵	Appen. A, Figure 7, Sheet #
SS	Yes	PFO	1.353	Yes	RIN	341	--	Unnamed Tributary of Little Trout River	Yes	--	95, 96
TT	Yes	PFO	0.813	--	--	--	--	--	Yes	--	113
UU	Yes	PFO	1.127	--	--	--	--	--	Yes	--	115
VV	--	--	--	Yes	RUP	431	D	Unnamed Tributary of Little Trout River	Yes	--	114
WW	Yes	PFO/PSS	6.025	--	--	--	C(T)	Little Trout River	Yes	--	108, 109, 110, 111, 112
XX	Yes	PSS	0.694	--	--	--	--	--	Yes	--	1, 2
YY	Yes	PFO/PSS	1.172	--	--	--	--	--	Yes	--	107, 108
ZZ	Yes	PEM/OW	0.064	--	--	--	--	--	--	--	93
AAA	Yes	PSS	0.542	--	--	--	--	--	Yes	--	94
BBB	Yes	PFO	0.205	--	--	--	--	--	Yes	--	39
CCC	Yes	PSS	0.176	Yes	RIN	190	C(T)	Alder Brook	Yes	--	36
DDD	Yes	PSS/PEM	0.645	--	--	--	--	--	Yes	--	52
EEE	Yes	PFO/PEM	0.611	--	--	--	--	--	Yes	--	50, 51
FFF	Yes	PSS/PEM	1.642	--	--	--	--	--	Yes	--	6
GGG	--	--	--	Yes	RIN	281	--	Unnamed Tributary of Chateaugay River	Yes	--	60, 61
Total Wetlands: 54 Total Streams: 15											

4.2.1 Wetlands

Descriptions of each wetland community type delineated within the Study Area are presented below. Many wetlands identified contained more than one community type.

Forested wetland (PFO) – Forested wetlands were the most common wetland community type within the Study Area, with 34 wetlands dominated by forested communities, or forested communities combined with some other vegetation community. These communities are dominated by trees that are 20 feet or taller, but also include an understory of shrubs and herbaceous species. They were typically dominated by red maple (*Acer rubrum*) and green ash (*Fraxinus pennsylvanica*), with occasional American elm (*Ulmus americana*), speckled alder (*Alnus incana*), and gray birch (*Betula populifolia*). Understory vegetation typically included saplings of the above mentioned species, or shrub species such as dogwoods (*Cornus* spp.) or willows (*Salix* spp.). Herbaceous species in forested wetlands included bladder sedge (*Carex intumescens*), fringed sedge (*Carex crinita*), sensitive fern (*Onoclea sensibilis*), manna grasses (*Glyceria* spp.), spotted jewelweed (*Impatiens capensis*), cinnamon fern (*Osmunda cinnamomea*), and marsh marigold (*Caltha palustris*). Evidence of wetland hydrology in the forested wetlands identified within the Study Area included water-stained leaves, water marks, moss trim lines, drainage patterns, saturated soils, microtopographic relief, and saturation visible on aerial imagery (see Photos 1-10 in Attachment C).

Scrub-shrub wetlands (PSS) – A total of 18 wetlands delineated within the Study Area were dominated scrub-shrub vegetation or a combination of scrub-shrub and emergent vegetation. Scrub-shrub wetlands within the Study Area are characterized by dense stands of shrub species less than 20 feet tall, including willows (*Salix* spp.), speckled alder, meadow-sweet (*Spiraea alba*), hardhack spiraea (*Spiraea tomentosa*), red raspberry (*Rubus idaeus*), and dogwoods. Herbaceous vegetation in these areas includes sensitive fern, tearthumb (*Persicaria arifolia*), field horsetail (*Equisetum arvense*), and various sedges. Evidence of wetland hydrology in the scrub-shrub wetlands identified within the Study Area included water-stained leaves, saturated soils, microtopographic relief, and (see Photos 11-18 in Attachment C).

Emergent wetlands (PEM) – A total of five wetlands within the Study Area were dominated by emergent vegetation, not including those that also contained scrub/shrub or forested communities as well. Emergent wetlands occur where surface water collects in shallow basins and/or adjacent to open water. These wetlands are dominated by herbaceous vegetation, and generally characterized by soils that remain saturated or inundated throughout the year. Although the Cowardin classification was used to classify wetlands, some of the emergent wetlands in this category could be best described according to the Reschke definition as wet meadow (Reschke, 1990). Wet meadow wetlands are usually found in poorly drained, low-lying depressional areas. Wet meadow wetlands may resemble grasslands and are typically drier than emergent marshes, except during periods of seasonal high water. They generally lack standing water for most of the year, though snow melt, storm water runoff, and/or a high water table allows the soil to remain saturated for a significant portion of the growing season.

Emergent wetlands and wet meadows identified in the Study Area are typically dominated by plants such as broadleaf cattail (*Typha latifolia*), sedges (*Carex* spp.), rushes (*Juncus* spp.), darkgreen bulrush (*Scirpus atrovirens*), reed canary grass (*Phalaris arundinacea*), late goldenrod (*Solidago gigantea*), wool grass (*Scirpus cyperinus*), spotted Joe-pye weed (*Eutrochium maculatum*), white turtlehead (*Chelone glabra*), rice cutgrass (*Leersia oryzoides*), and boneset (*Eupatorium perfoliatum*). Evidence of wetland hydrology in the emergent wetlands identified within the Study Area included inundation, drainage patterns, saturated soils, microtopographic relief, and saturation visible on aerial imagery (see Photos 19-25 in Attachment C).

Open Water (OW) – Five open water habitats were delineated in the Study Area; these were usually adjacent to other wetland community types. These were ponds, typically small farm ponds, recreation ponds, or beaver ponds. These ponds occur in a variety of settings, including open fields, scrub-shrub, and forested environments, or adjacent to houses and barns. With the exception of the beaver ponds, these ponds are excavated or diked, with well-defined banks. Surrounding the small ponds, emergent wetland vegetation tends to be limited or lacking in the open field settings while substantial within the scrub shrub or forested habitats. Although not verified, water depths are expected to be consistent with excavated ponds that are used as a source of water for livestock as well as for fishing and aesthetic purposes. Such ponds are typically a minimum of 4 feet deep (see Photos 26-29 in Attachment C).

Streams – Streams within the Study Area are mostly located within forests, and generally have a gentle to moderate gradient (0-5%). Most of the identified streams are intermittent, with a rocky substrate, and lack well defined and established floodplains typical of larger, perennial stream/river systems. Water depths within the channels with stream flow averaged 2-10 inches (see Photos 30-36 in Attachment C).

The functions provided by most of these wetlands and streams appear to include maintaining surface water flows, recharging groundwater supplies, storm water detention, flood abatement, water quality improvement, wildlife habitat, and nutrient cycling. Most of the delineated wetlands within the Study Area were in relatively undisturbed habitats and represent resources that are ecologically valuable in terms of size, structural diversity, wildlife habitat, and hydrological functions.

5.0 CONCLUSIONS

EDR delineated 58 wetlands and streams within the Study Area, totaling approximately 91.9 acres. Wetlands within the Study Area were identified based on the presence of hydrophytic vegetation, hydric soils, and wetland hydrology. The delineated areas included small ponds, perennial and intermittent stream and emergent, scrub shrub, and forested wetland cover types. The primary functions provided by these wetlands appear to include storm water detention, ground water recharge, water quality improvement, and wildlife habitat.

The majority of the delineated wetlands did not display characteristics that suggest they could support listed threatened or endangered species. However, some forested wetlands on-site have the potential to provide roosting habitat for northern long-eared bat (*Myotis septentrionalis*). Northern long-eared bat presence is being determined through northern long-eared bat surveys conducted during the summer of 2015. Because the delineated wetlands are on private land, they offer little or no opportunities for public recreational use, education, or research. Most of the wetlands (50 out of 54) appear to have surface water connections to other waters of the United States, and therefore are likely to be considered jurisdictional by the USACE under Section 404 of the Clean Water Act. Four of the wetlands appear to be isolated. None of the delineated wetlands are expected to fall under state jurisdiction pursuant to Article 24, but and four NYSDEC-protected streams (all Class C(T) streams) are expected to fall under Article 15 jurisdiction. However, final determination of jurisdictional status must be made by the USACE and NYSDEC.

6.0 REFERENCES

Cowardin, L.M., V. Carter, F.C. Goblet and E.T. LaRoae. 1979. *Classification of Wetlands and Deepwater Habitats of the United States*. U.S. Fish and Wildlife Service, OBS-79/31, Washington, D.C.

Environmental Laboratory. 1987. *Corps of Engineers Wetland Delineation Manual*. Technical Report Y-87-1. U.S. Army Corps of Engineers: Waterways Experiment Station; Vicksburg, MS.

K. I. Corporations, (2000). *Munsell soil color charts*. Kollmorgen Instruments Corporation, New Windsor, NY.

Lichvar, R.W., M. Butterwick, N.C. Melvin, and W.N. Kirchner. 2014. *The National Wetland Plant List: 2014 Update of Wetland Ratings*. Phytoneuron 2014-41: 1-42. https://wetland_plants.usace.army.mil. (Accessed August 2015).

National Oceanic and Atmospheric Administration (NOAA). 2015. *Malone New York Climatology*. Available at <http://www.erh.noaa.gov/btv/climo/stations/malone.shtml> (Accessed August, 2015).

NRCS. 2014. *New York Portion of the 2014 National Hydric Soil List*. Available at: <http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/use/hydric/> (Accessed August, 2015).

Reschke, C. 1990. *Ecological Communities of New York State*. New York Natural Heritage Program, New York State Department of Environmental Conservation, Latham, NY.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. 2015. *Web Soil Survey*. Available online at <http://websoilsurvey.nrcs.usda.gov/>. (Accessed August, 2015).

United States Army Corps of Engineers (USACE). 2012. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region*. ERDC/EL TR-12-1. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

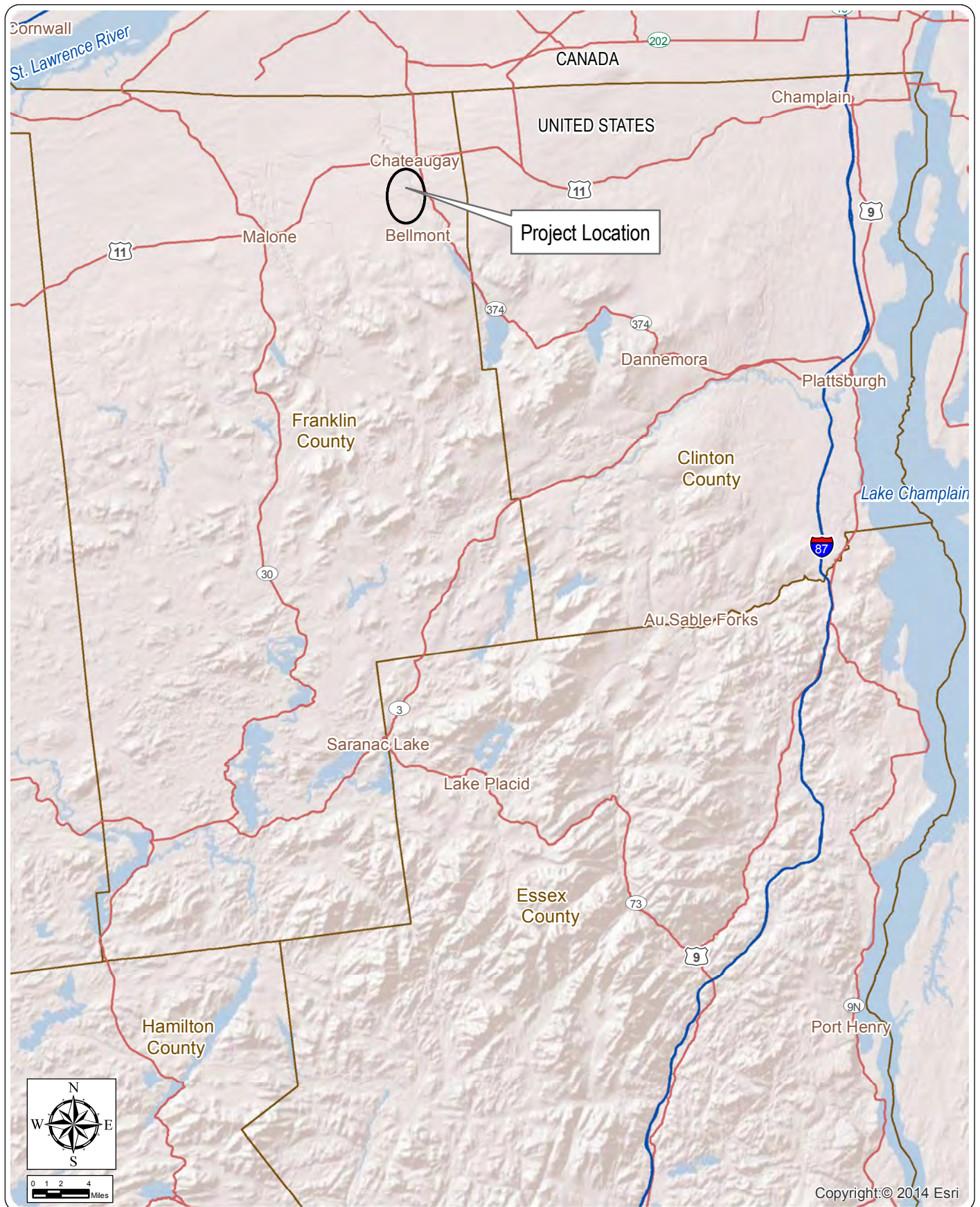
USGS. 2014. *Hydrologic Unit Maps*. Available at: <http://water.usgs.gov/GIS/huc.html> (Accessed August 2015).

United States Environmental Protection Agency (USEPA). 2001. *Interagency Memorandum from Gary S. Guzy (General Counsel for the U.S. Environmental Protection Agency) and Robert M. Anderson (Chief Counsel for the U.S. Army Corps of Engineers)*. Memorandum Subject: Supreme Court Ruling Concerning CWA Jurisdiction over Isolated Waters.

Weldy, T., D. Werier, and A. Nelson. 2015. *New York Flora Atlas*. [S. M. Landry and K. N. Campbell (original application development), USF Water Institute. University of South Florida]. New York Flora Association, Albany, NY. Available at <http://newyork.plantatlas.usf.edu/>. (Accessed August 2015).

Attachment A

Figures



Jericho Rise Wind Farm Wetland Delineation

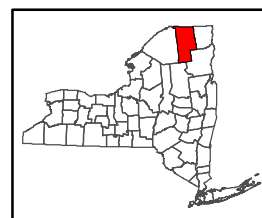
Towns of Chateaugay and Belmont - Franklin County, New York

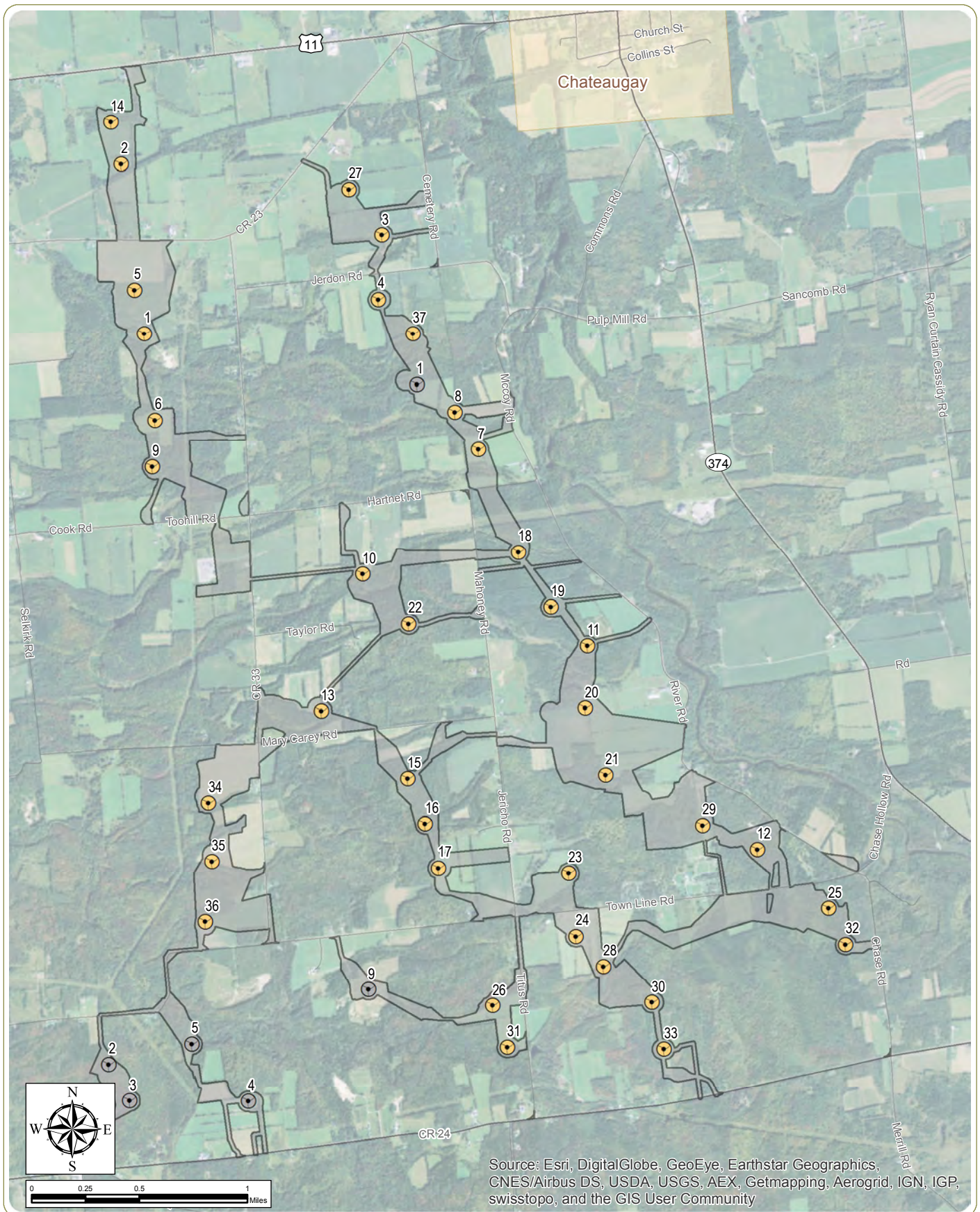
Figure 1: Regional Project Location

August 2015

Notes: 1. Basemap: ESRI World Shaded Relief.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.





Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 2: Study Area

September 2015

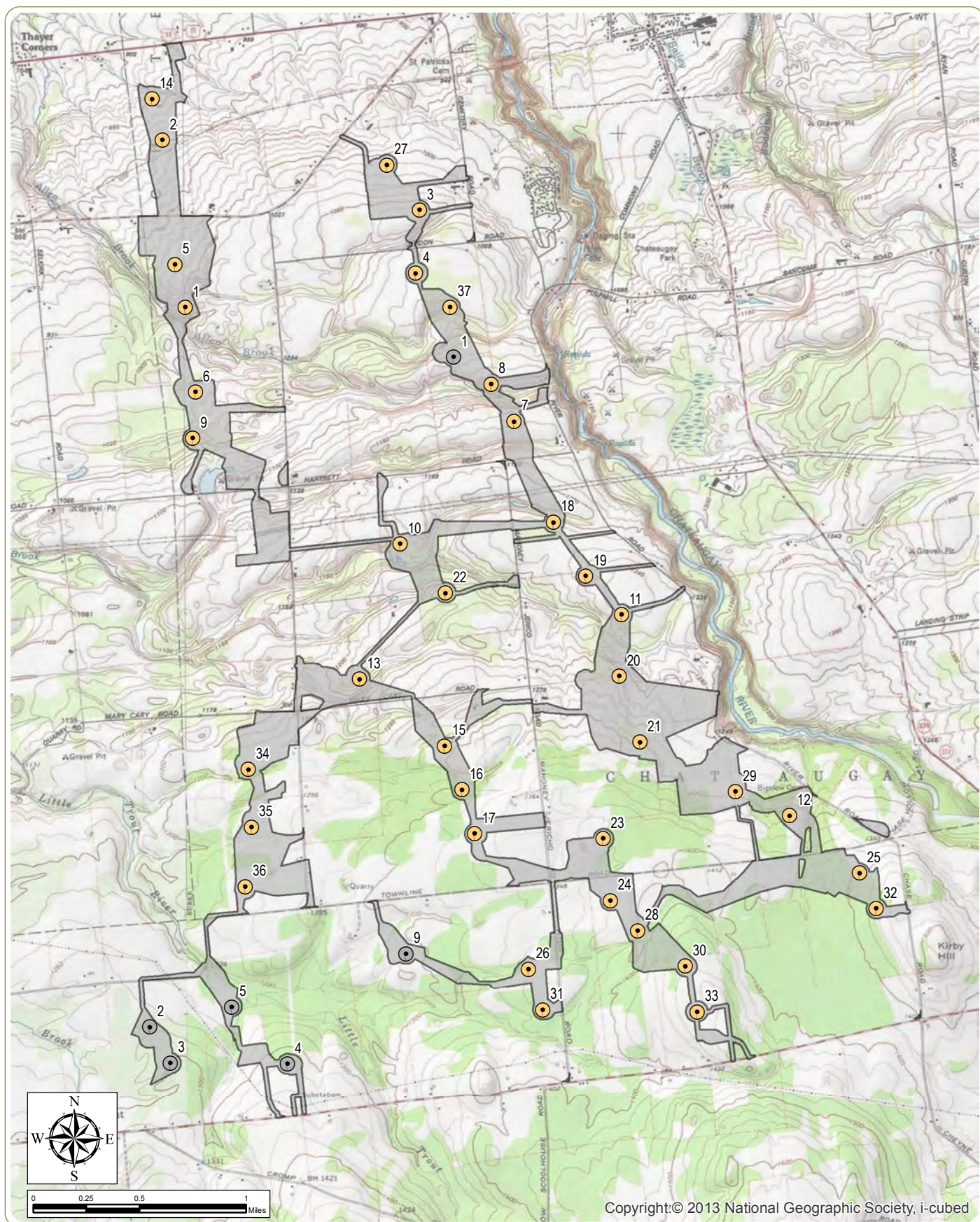
Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Alternate Wind Turbine
- Wetland Delineation Study Area



www.edrdpc.com



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 3: Topographic Mapping

August 2015

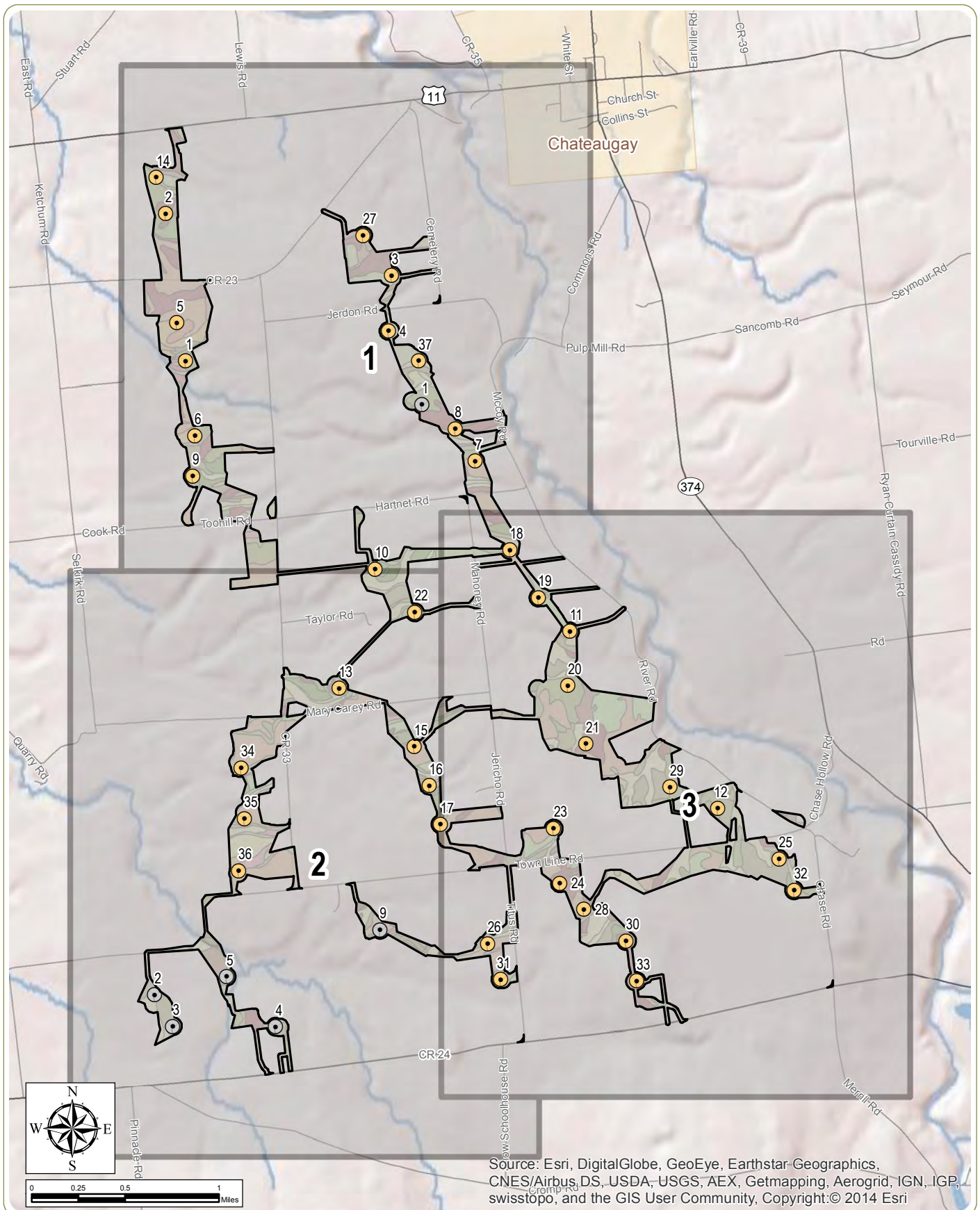
Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Alternate Wind Turbine
- Wetland Delineation Study Area



www.edrpsc.com



Jericho Rise Wind Farm

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 4: Project Site Soils

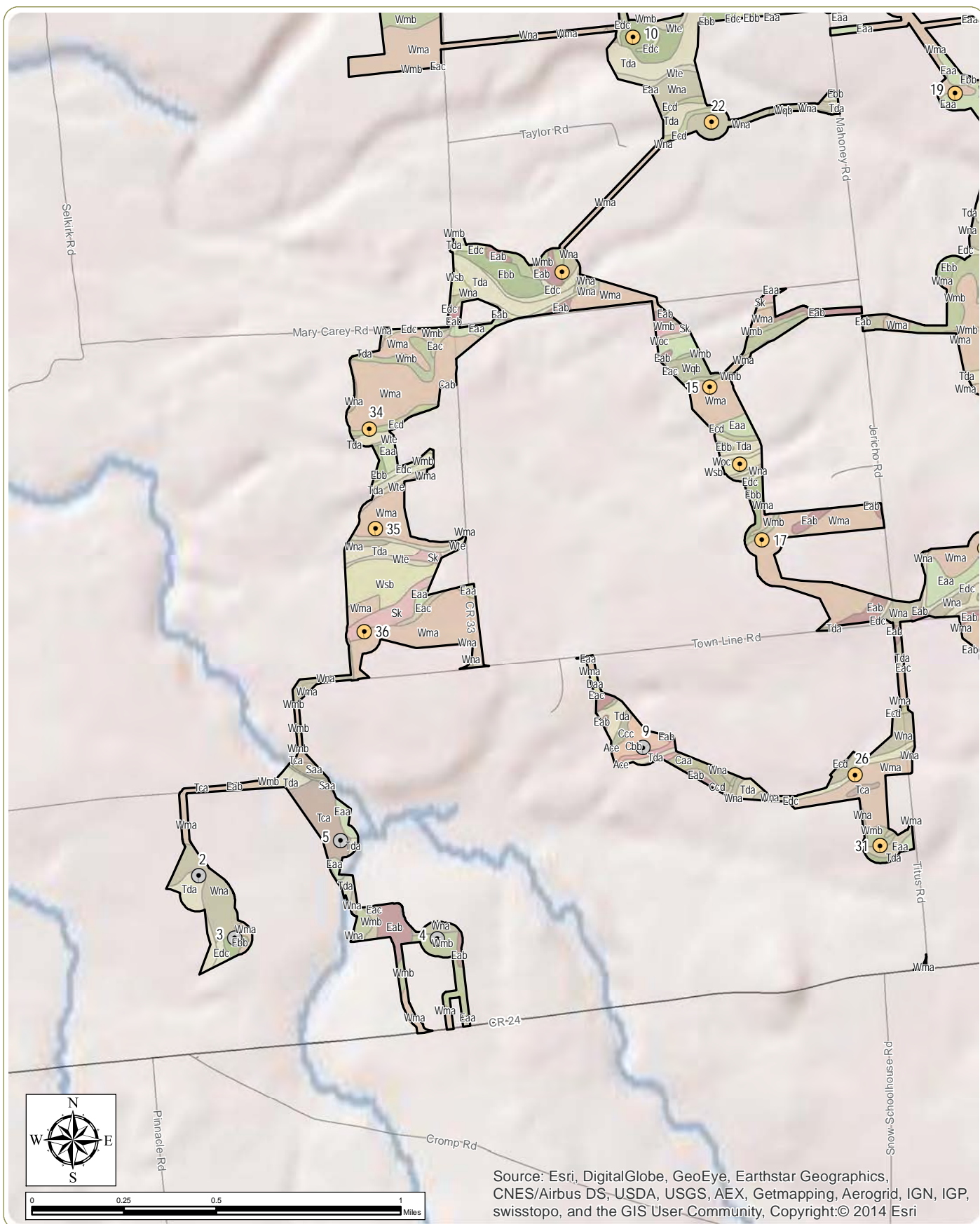
August 2015

- Wind Turbine
- Alternate Wind Turbine
- Wetland Delineation Study Area

Notes: 1. Basemap: ESRI ArcGIS Online "World Shaded Relief" Map Service
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com



Jericho Rise Wind Farm

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 4: Project Site Soils

August 2015

Page 2 of 3

Wind Turbine

Alternate Wind Turbine

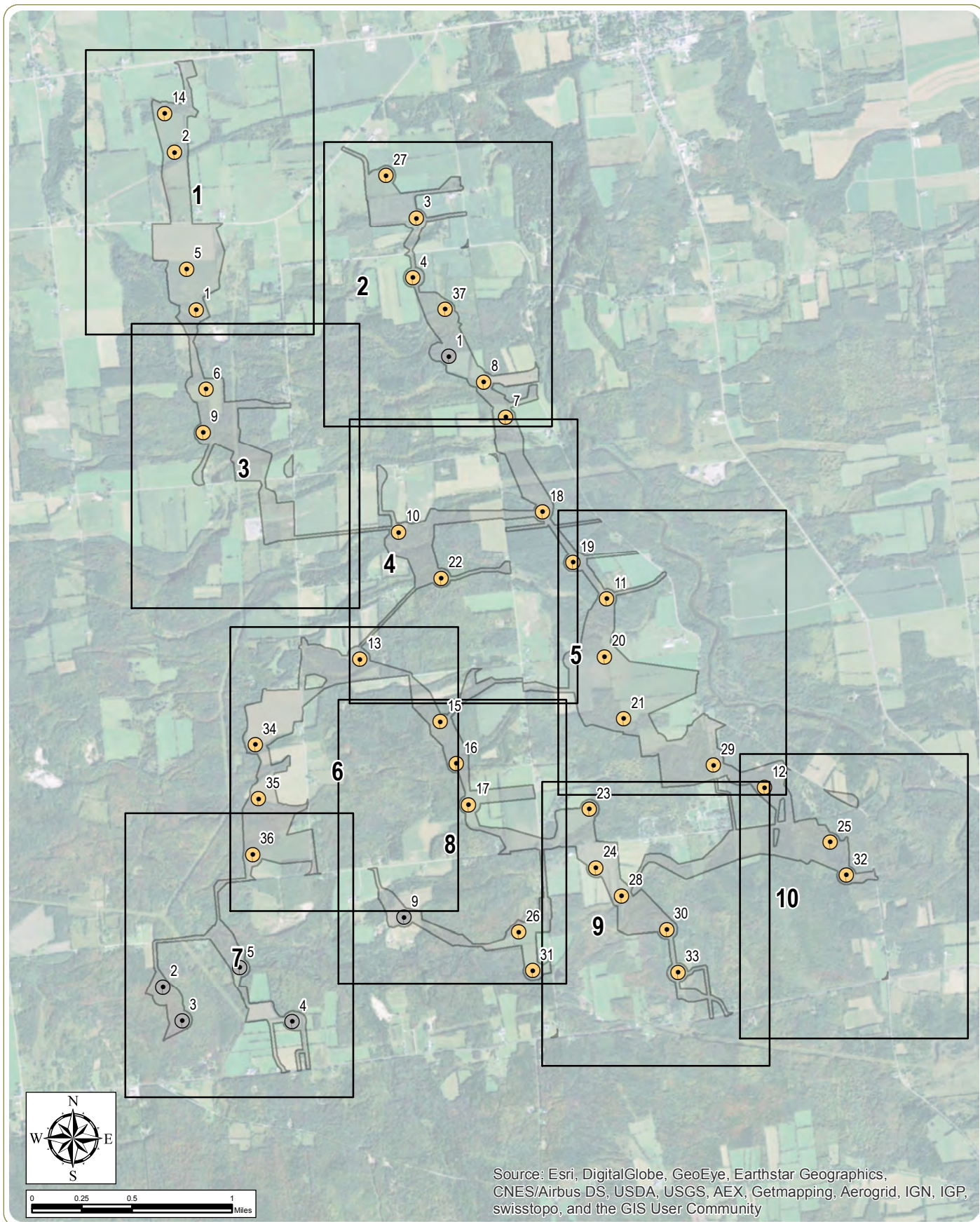
Wetland Delineation Study Area

Notes: 1. Basemap: ESRI ArcGIS Online "World Shaded Relief" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrpc.com



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 5: NWI and NYSDEC Freshwater Streams and Wetlands

August 2015

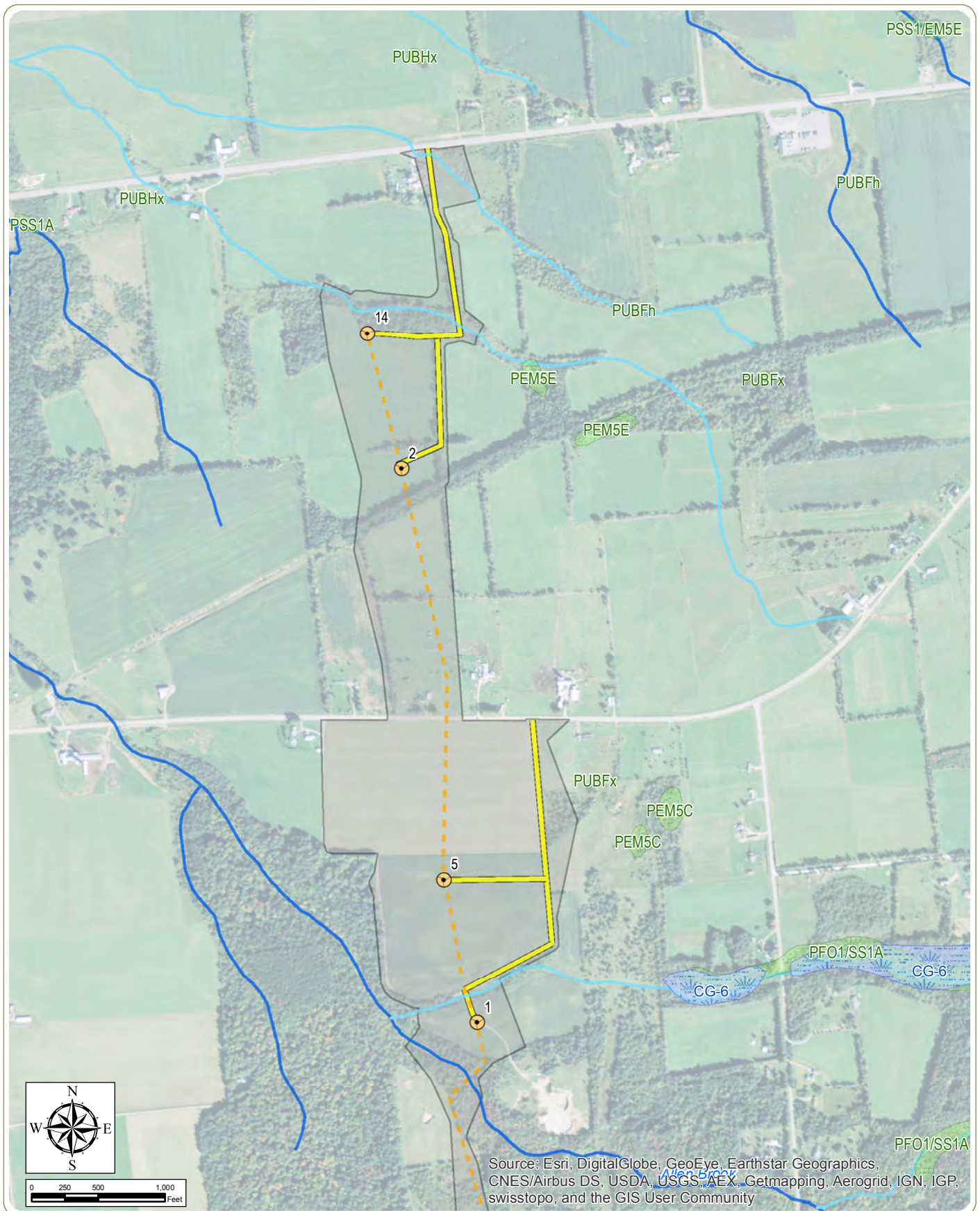
Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Alternate Wind Turbine
- Wetland Delineation Study Area



www.edrdpc.com



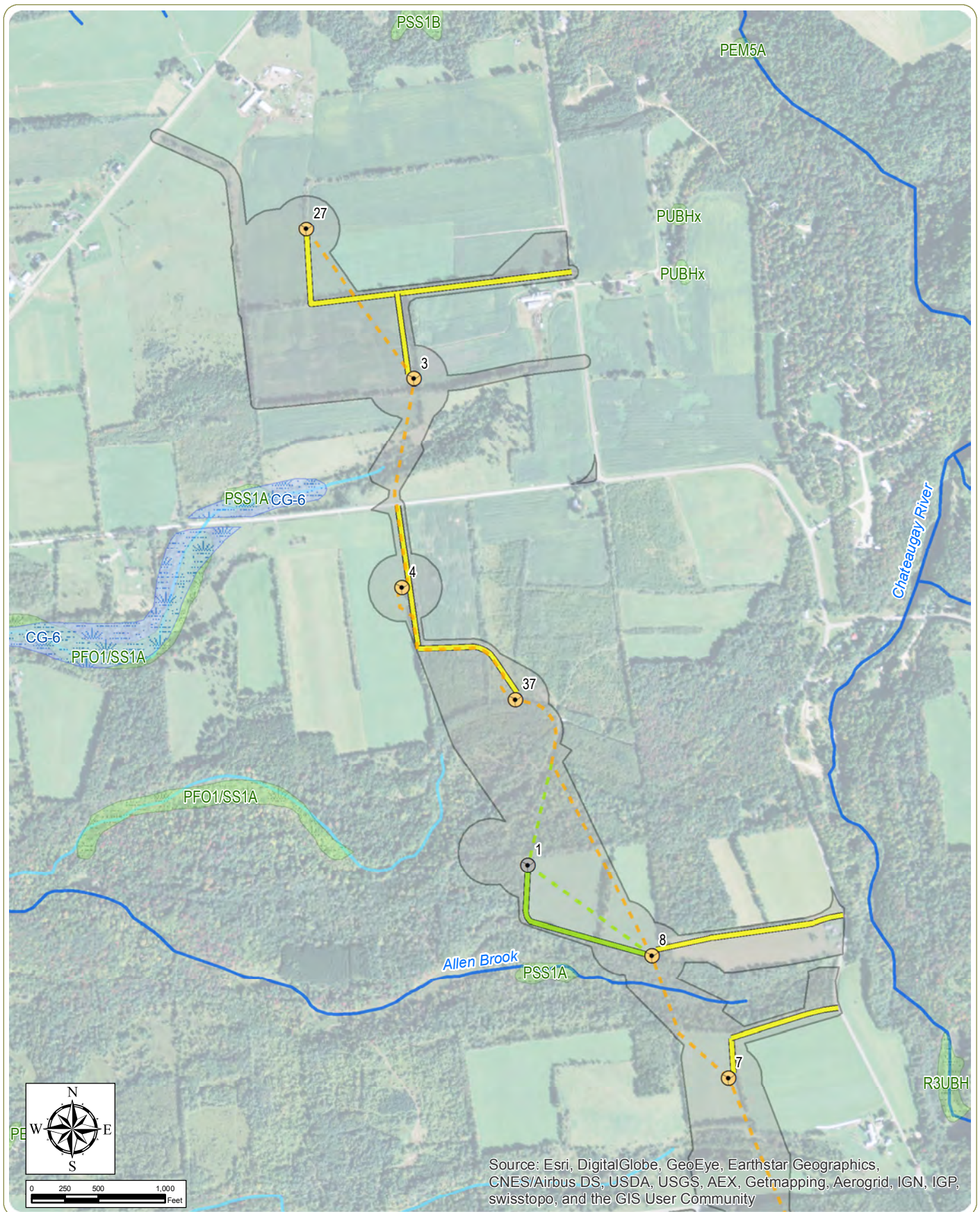
Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

Sheet 1 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service
 2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--------------------------|----------------------------------|
| ● Wind Turbine | --- Alternate Collection Line |
| ● Alternate Wind Turbine | — Access Road |
| ▲ Met Tower | — Alternate Access Road |
| — Unprotected Stream | — DEC Wetland |
| — NYS Protected Stream | — NWI Wetland |
| --- Collection Line | — Wetland Delineation Study Area |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 5: NWI and NYSDEC

Freshwater Streams and Wetlands

Sheet 2 of 10

August 2015

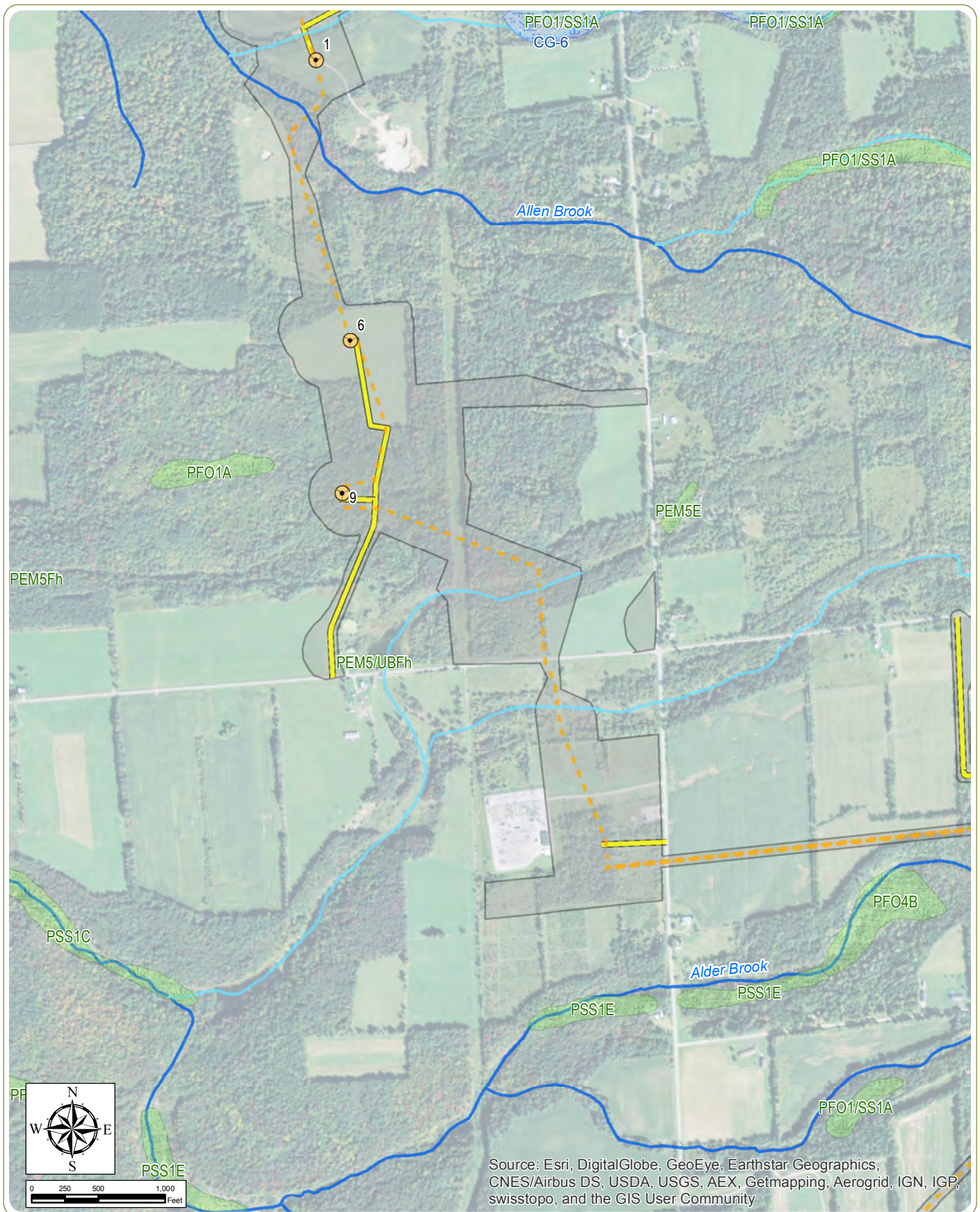
Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|------------------------|--------------------------------|
| Wind Turbine | Alternate Collection Line |
| Alternate Wind Turbine | Access Road |
| Met Tower | Alternate Access Road |
| Unprotected Stream | DEC Wetland |
| NYS Protected Stream | NWI Wetland |
| Collection Line | Wetland Delineation Study Area |



www.edrdpc.com



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 5: NWI and NYSDEC

Freshwater Streams and Wetlands

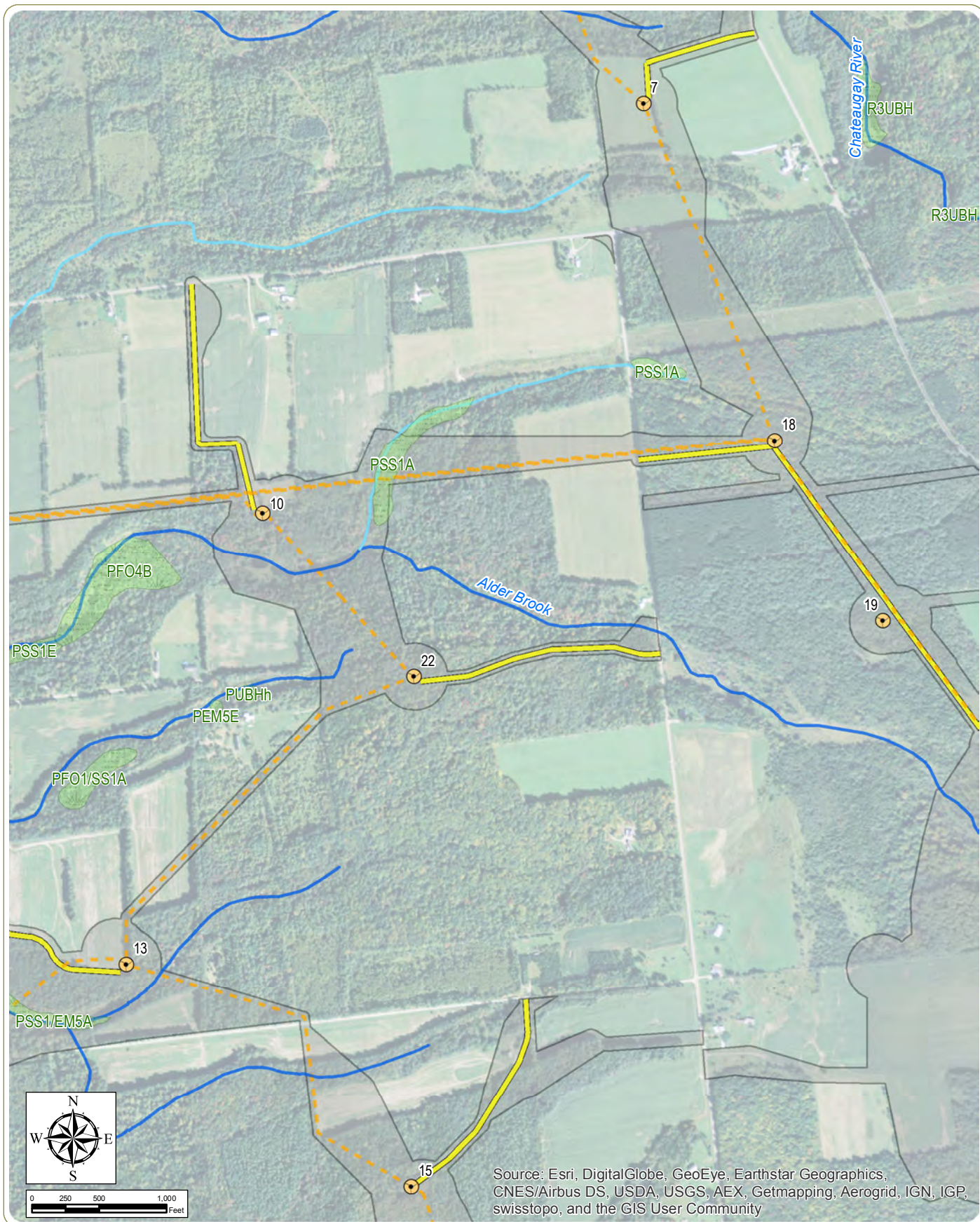
Sheet 3 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Alternate Wind Turbine
- Met Tower
- Unprotected Stream
- NYS Protected Stream
- Collection Line
- Alternate Collection Line
- Access Road
- Alternate Access Road
- DEC Wetland
- NWI Wetland
- Wetland Delineation Study Area



Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

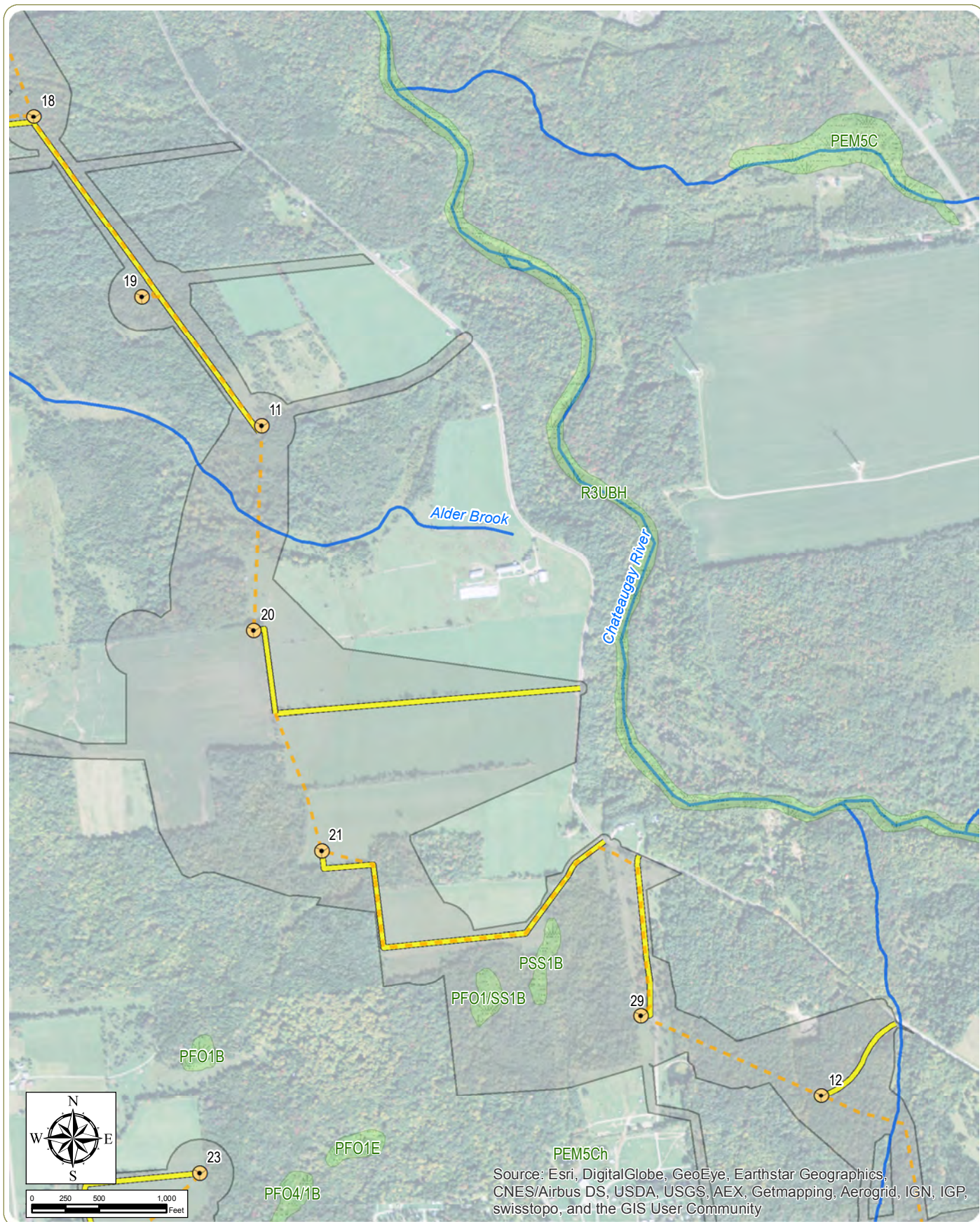
Sheet 4 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--------------------------|----------------------------------|
| ● Wind Turbine | --- Alternate Collection Line |
| ● Alternate Wind Turbine | — Access Road |
| ▲ Met Tower | — Alternate Access Road |
| — Unprotected Stream | ▨ DEC Wetland |
| — NYS Protected Stream | ▨ NWI Wetland |
| --- Collection Line | ▨ Wetland Delineation Study Area |



Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

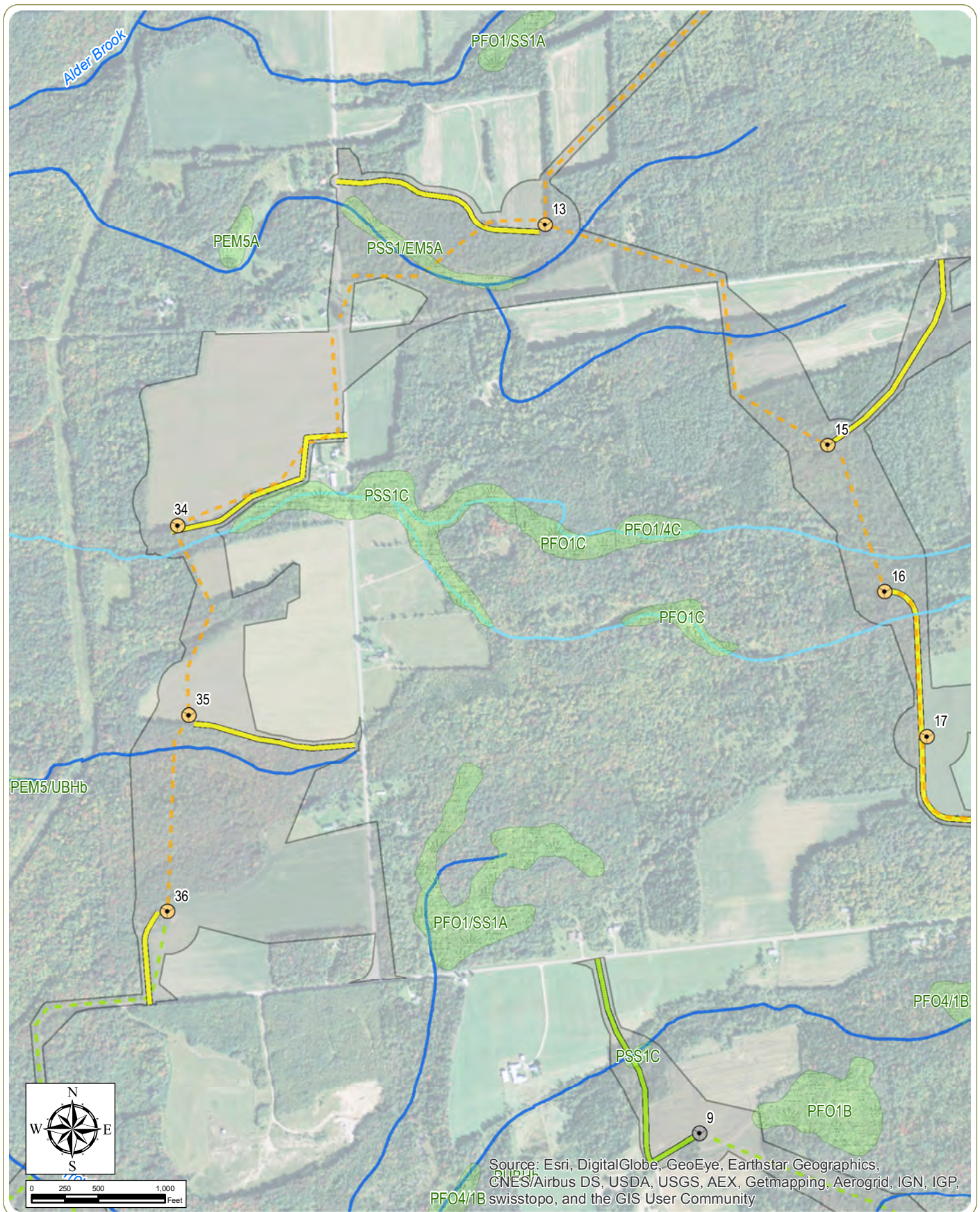
Sheet 5 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--------------------------|----------------------------------|
| ● Wind Turbine | --- Alternate Collection Line |
| ● Alternate Wind Turbine | — Access Road |
| ▲ Met Tower | — Alternate Access Road |
| — Unprotected Stream | — DEC Wetland |
| — NYS Protected Stream | — NWI Wetland |
| --- Collection Line | — Wetland Delineation Study Area |



Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

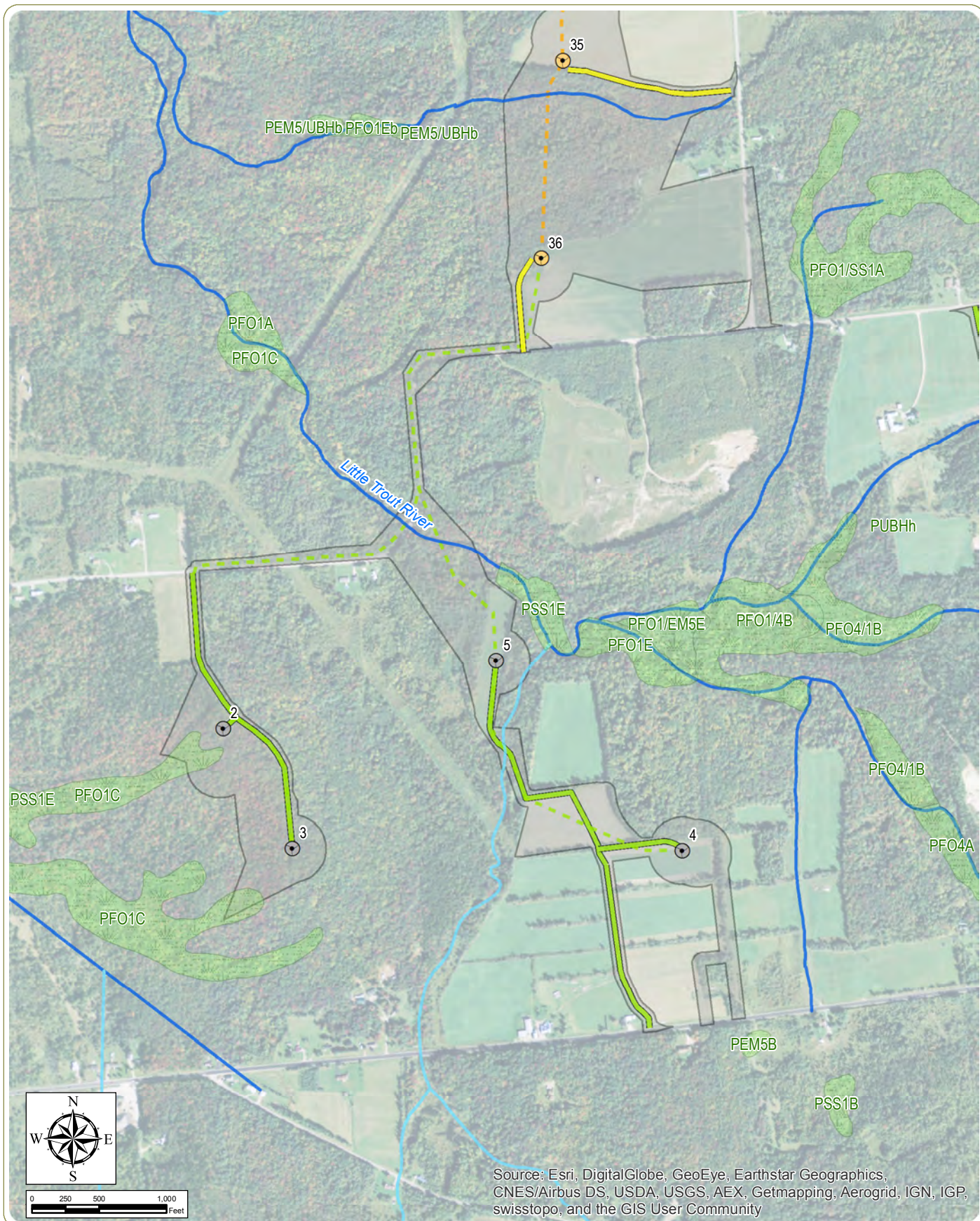
Sheet 6 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--------------------------|----------------------------------|
| ● Wind Turbine | --- Alternate Collection Line |
| ● Alternate Wind Turbine | — Access Road |
| ▲ Met Tower | — Alternate Access Road |
| — Unprotected Stream | — DEC Wetland |
| — NYS Protected Stream | — NWI Wetland |
| --- Collection Line | — Wetland Delineation Study Area |



Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

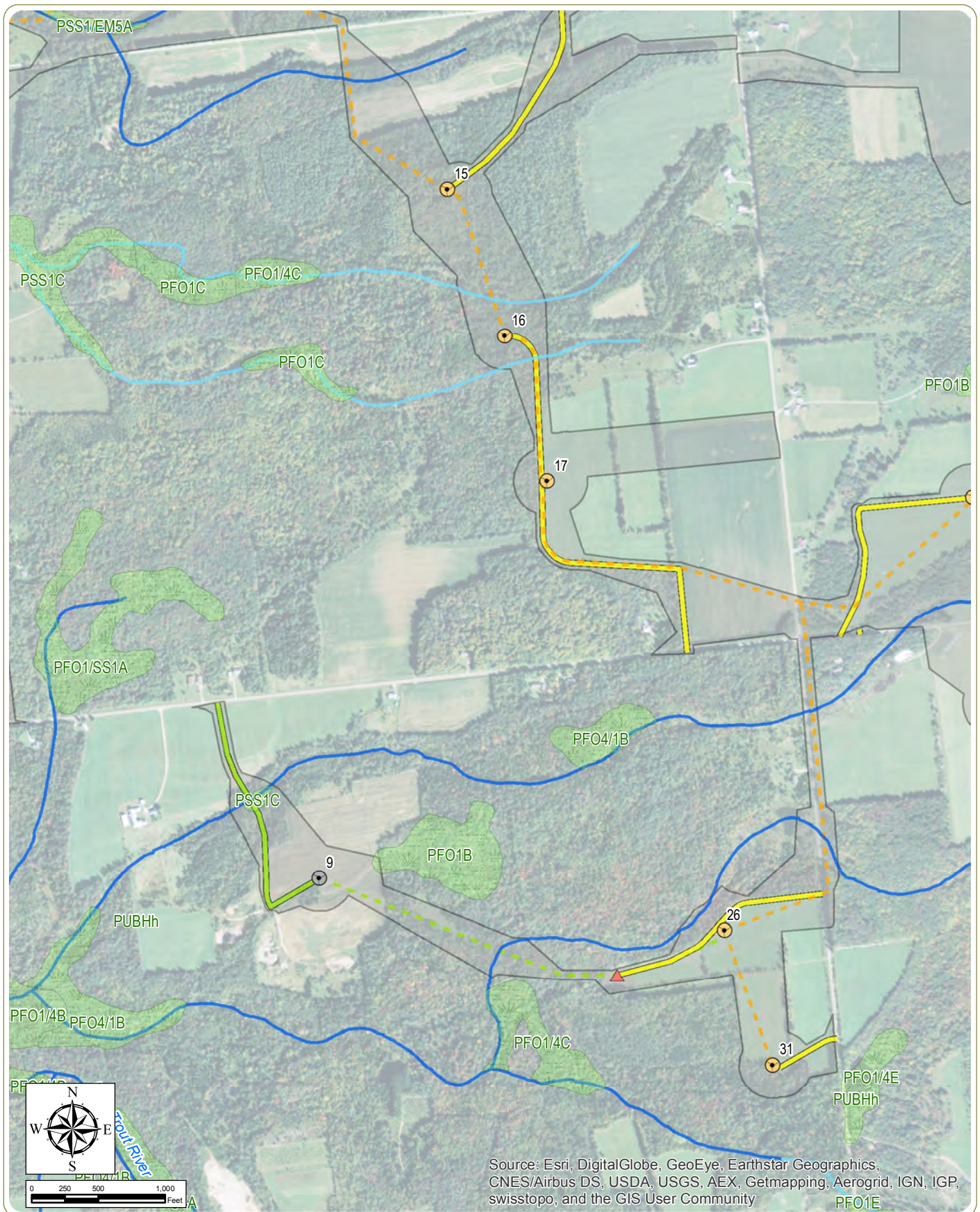
Sheet 7 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- Wind Turbine
- Alternate Wind Turbine
- Met Tower
- Unprotected Stream
- NYS Protected Stream
- Collection Line
- Alternate Collection Line
- Access Road
- Alternate Access Road
- DEC Wetland
- NWI Wetland
- Wetland Delineation Study Area



Jericho Rise Wind Farm Wetland Delineation
 Towns of Chateaugay and Belmont - Franklin County, New York
Figure 5: NWI and NYSDEC
Freshwater Streams and Wetlands

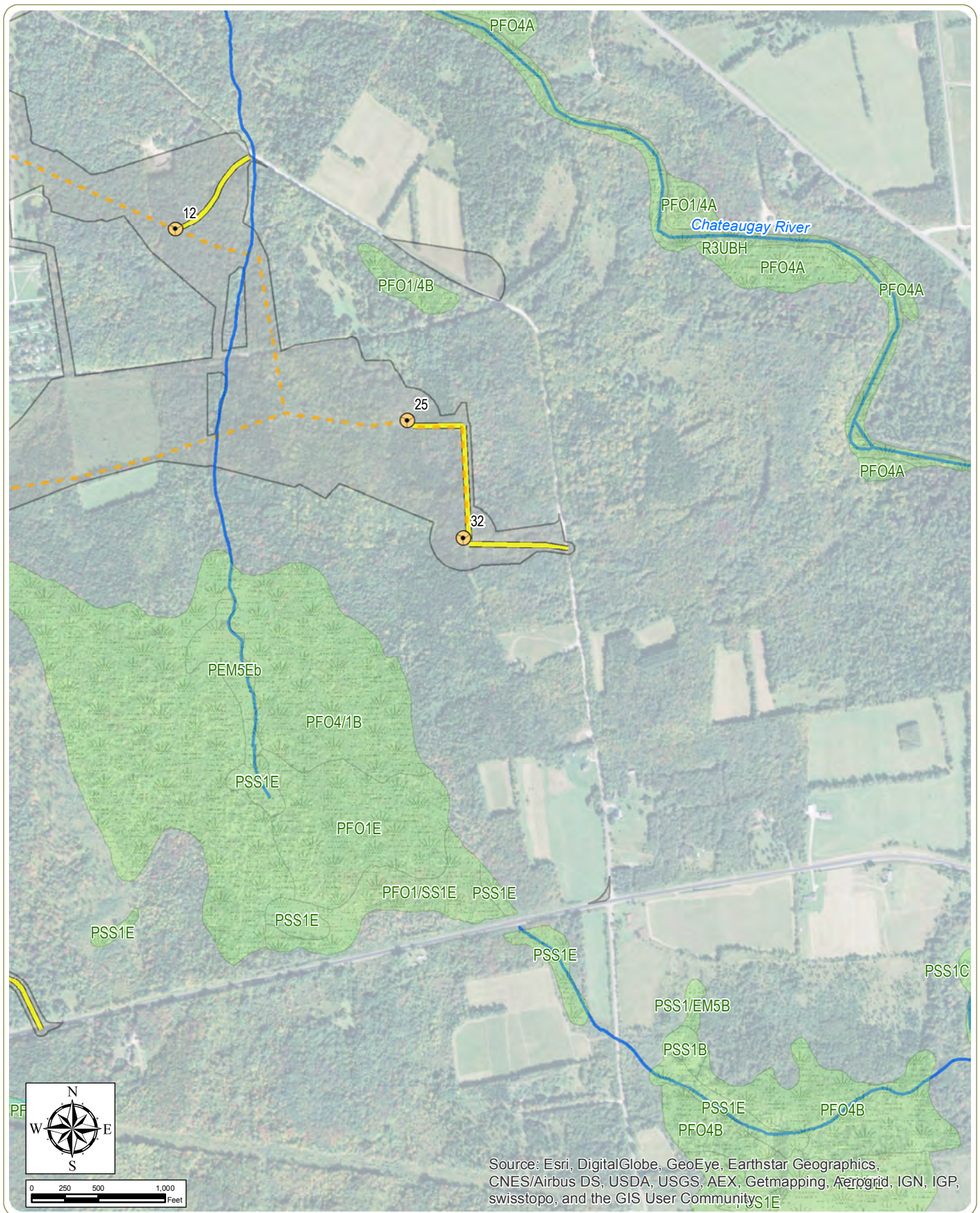
Sheet 8 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

- | | |
|--------------------------|----------------------------------|
| ● Wind Turbine | --- Alternate Collection Line |
| ● Alternate Wind Turbine | — Access Road |
| ▲ Met Tower | — Alternate Access Road |
| — Unprotected Stream | — DEC Wetland |
| — NYS Protected Stream | — NWI Wetland |
| --- Collection Line | — Wetland Delineation Study Area |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 5: NWI and NYSDEC Freshwater Streams and Wetlands

Sheet 10 of 10

August 2015

Notes: 1. Basemap: ESRI ArcGIS Online "USA Topo Maps" Map Service

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.




- Wind Turbine
- Alternate Wind Turbine
- ▲ Met Tower
- Unprotected Stream
- NYS Protected Stream
- - - Collection Line
- - - Alternate Collection Line
- Access Road
- - - Alternate Access Road
- ▨ DEC Wetland
- ▨ NWI Wetland
- ▨ Wetland Delineation Study Area

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated
Wetlands and Streams -
Project Components View
Sheet Index**

August 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Wetland Delineation
Study Area

Notes:
1. Basemap: ESRI ArcGIS Online
"World Imagery" Map Service.
2. This is a color graphic. Reproduction in
grayscale may misrepresent the data.



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



Jericho Rise Wind Farm Wetland Delineation

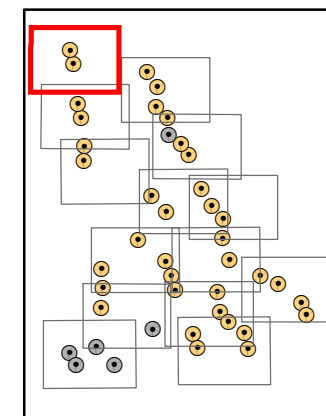
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 1 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

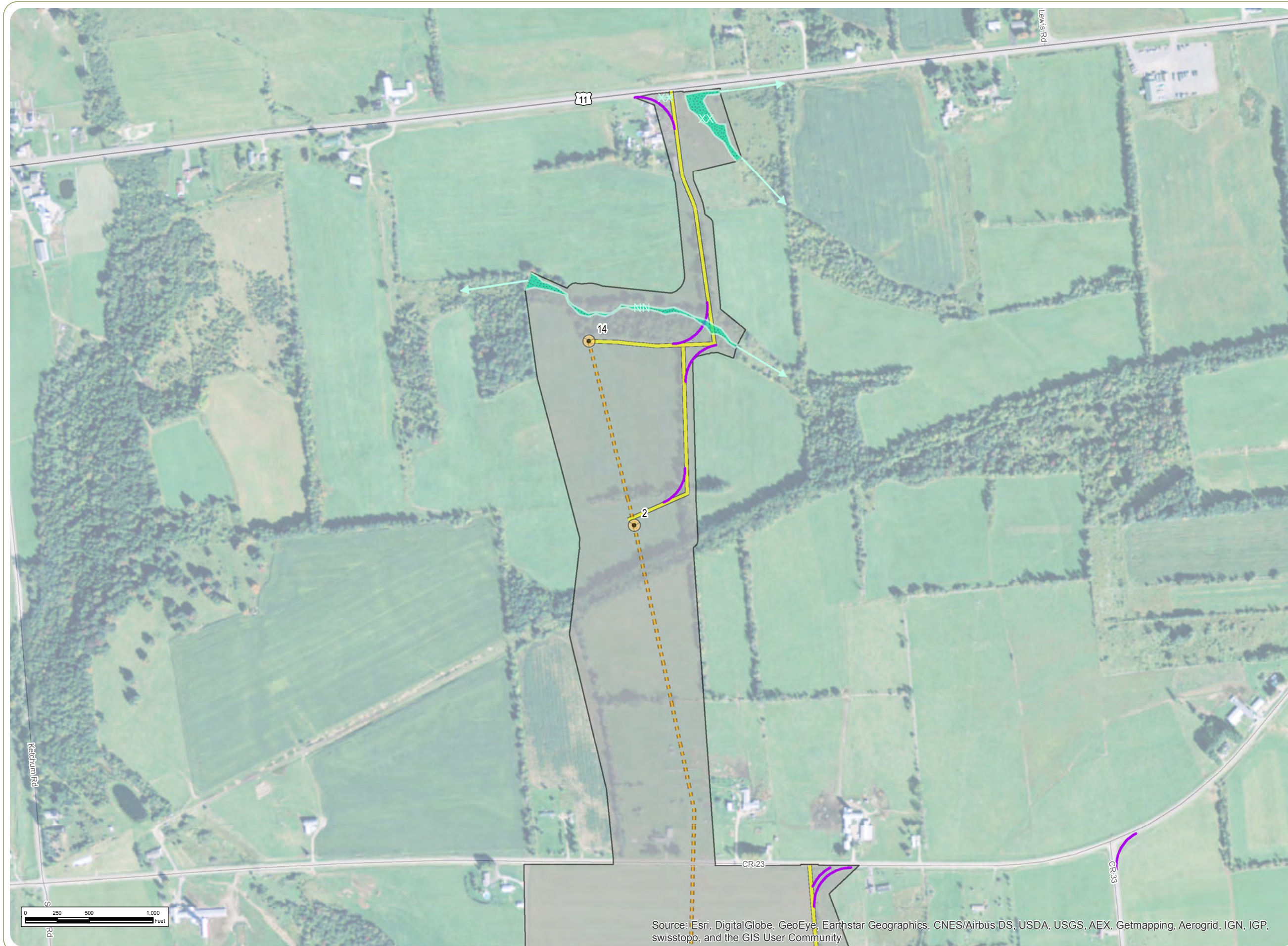


Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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





Jericho Rise Wind Farm Wetland Delineation

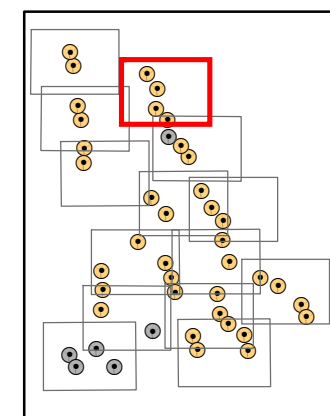
Towns of Chateaugay and Belmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 2 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

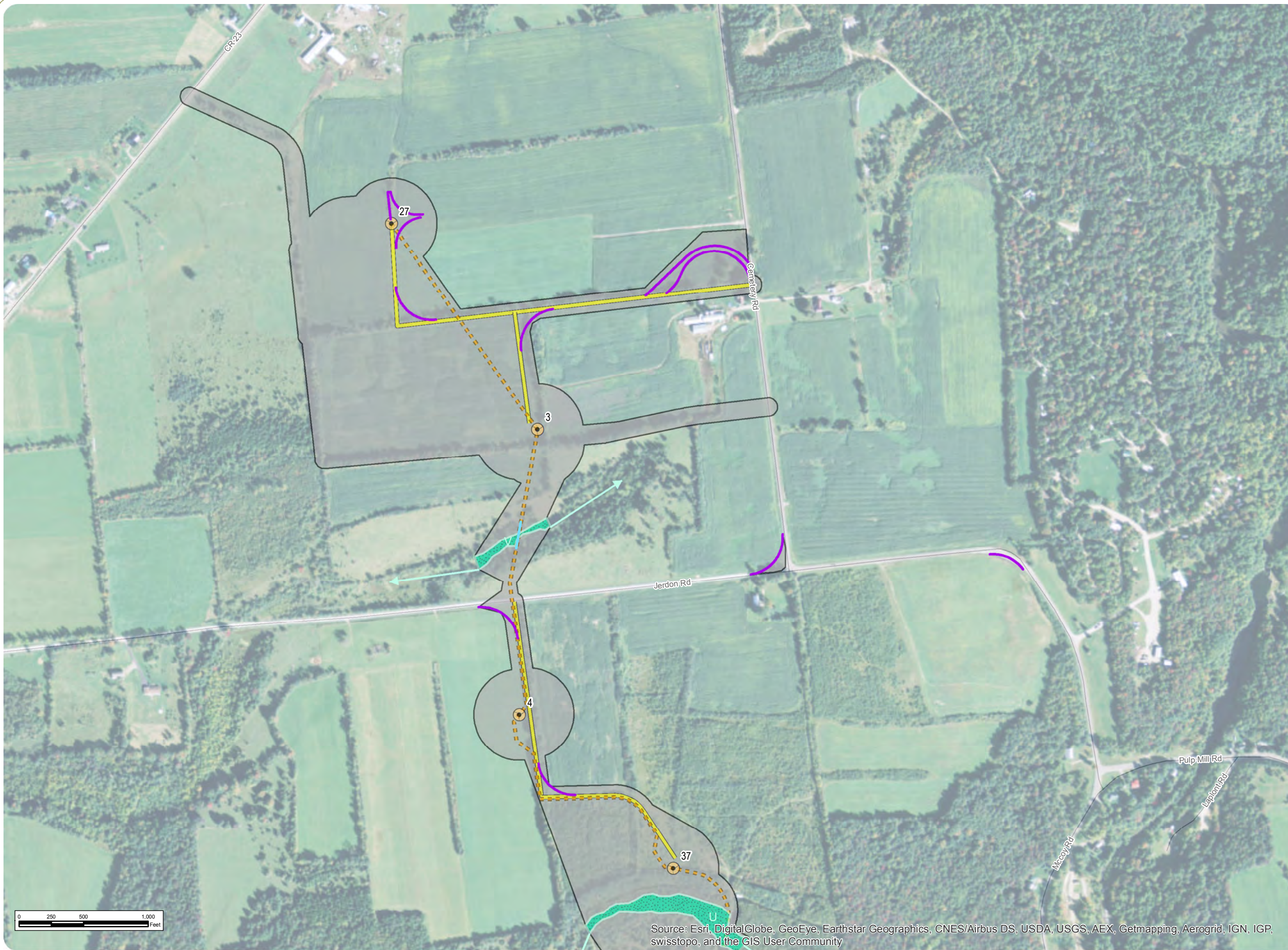


Notes:
 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com

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




Jericho Rise Wind Farm Wetland Delineation

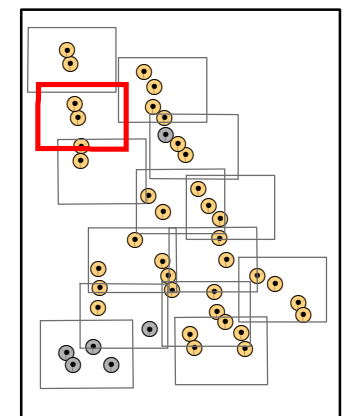
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 3 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

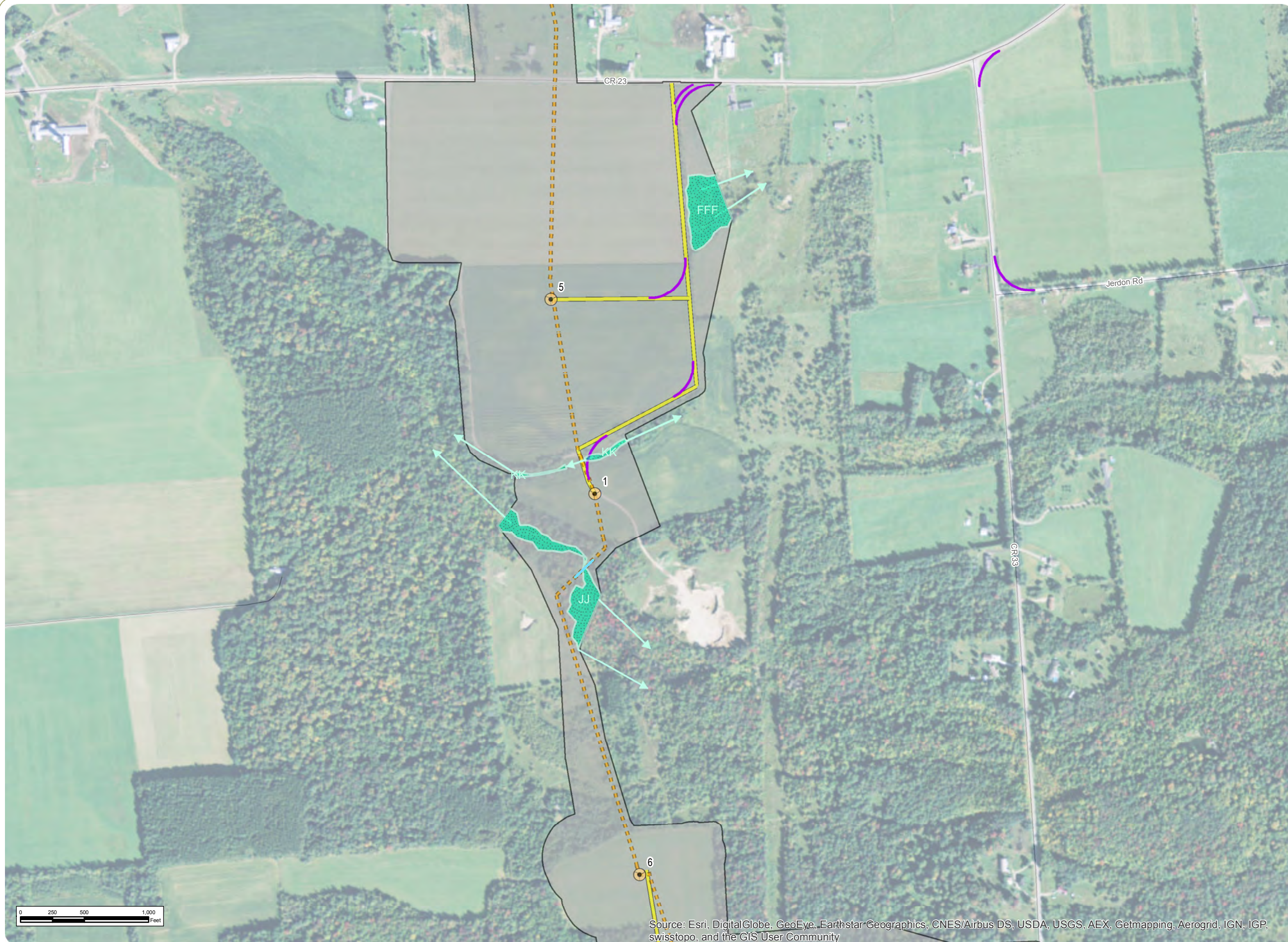


Notes:

1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com



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



Jericho Rise Wind Farm Wetland Delineation

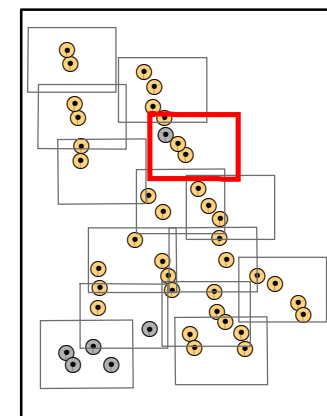
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 4 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:

1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com

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



Jericho Rise Wind Farm Wetland Delineation

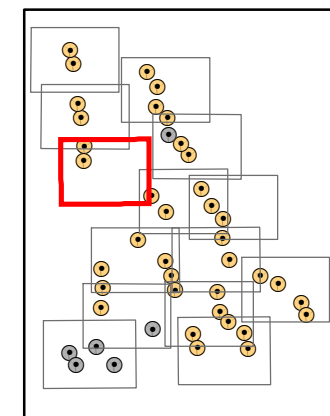
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 5 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



- Notes:**
1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com

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



Jericho Rise Wind Farm Wetland Delineation

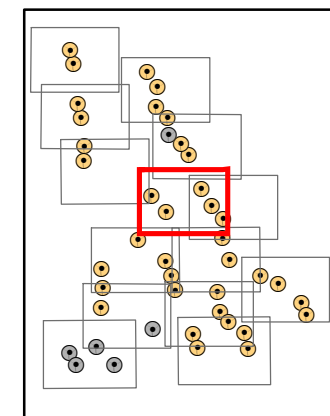
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 6 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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


Jericho Rise Wind Farm Wetland Delineation

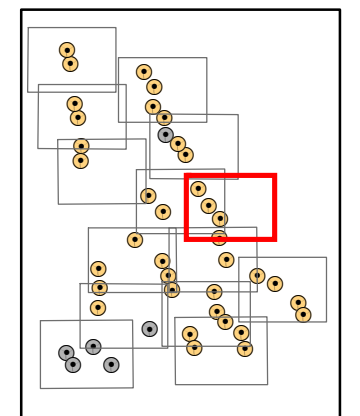
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 7 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:

1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com

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



Jericho Rise Wind Farm Wetland Delineation

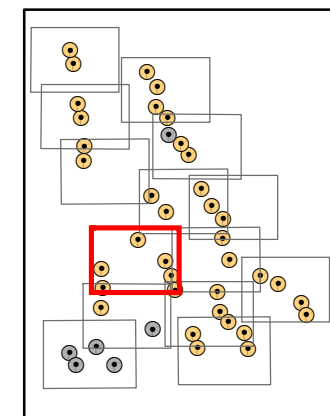
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 8 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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



Jericho Rise Wind Farm Wetland Delineation

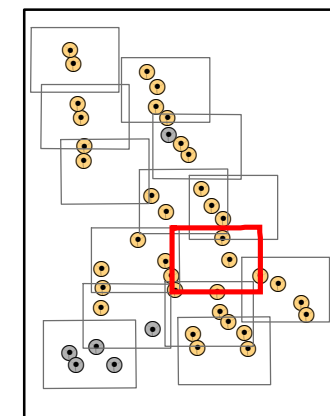
Towns of Chateaugay and Belmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 9 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

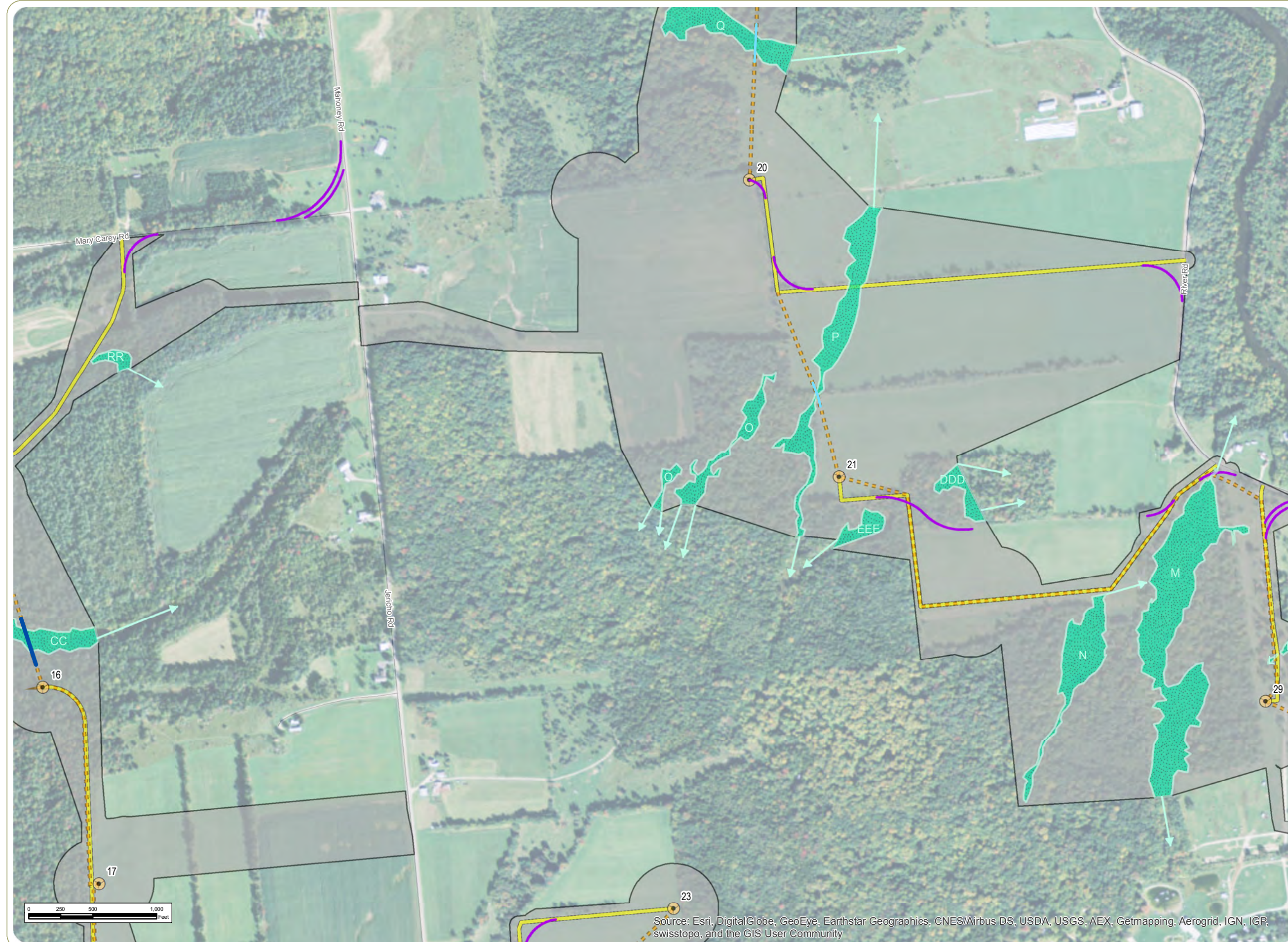


Notes:

1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



www.edrdpc.com



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



Jericho Rise Wind Farm Wetland Delineation

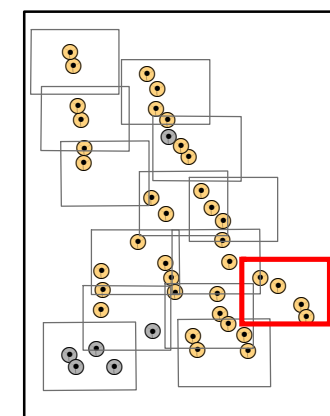
Towns of Chateaugay and Belmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 10 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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

Jericho Rise Wind Farm Wetland Delineation

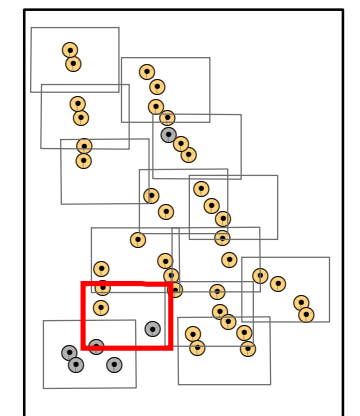
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 11 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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



Jericho Rise Wind Farm Wetland Delineation

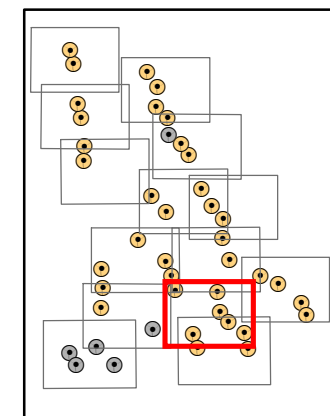
Towns of Chateaugay and Belmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 12 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

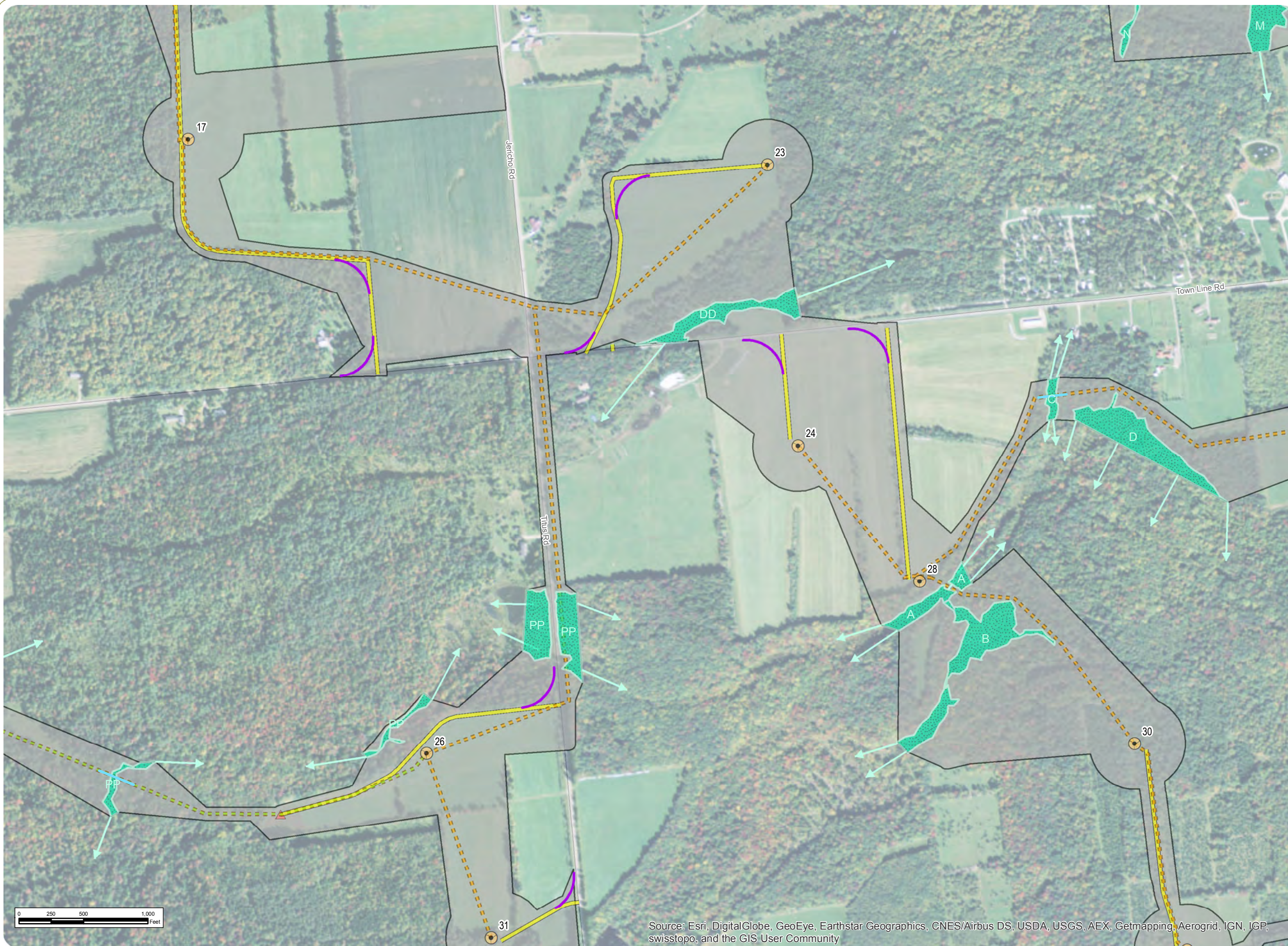


Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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





Jericho Rise Wind Farm Wetland Delineation

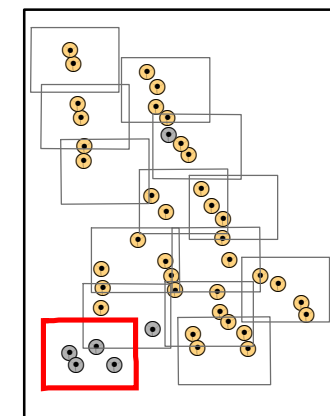
Towns of Chateaugay and Bellmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

Page 13 of 14

September 2015

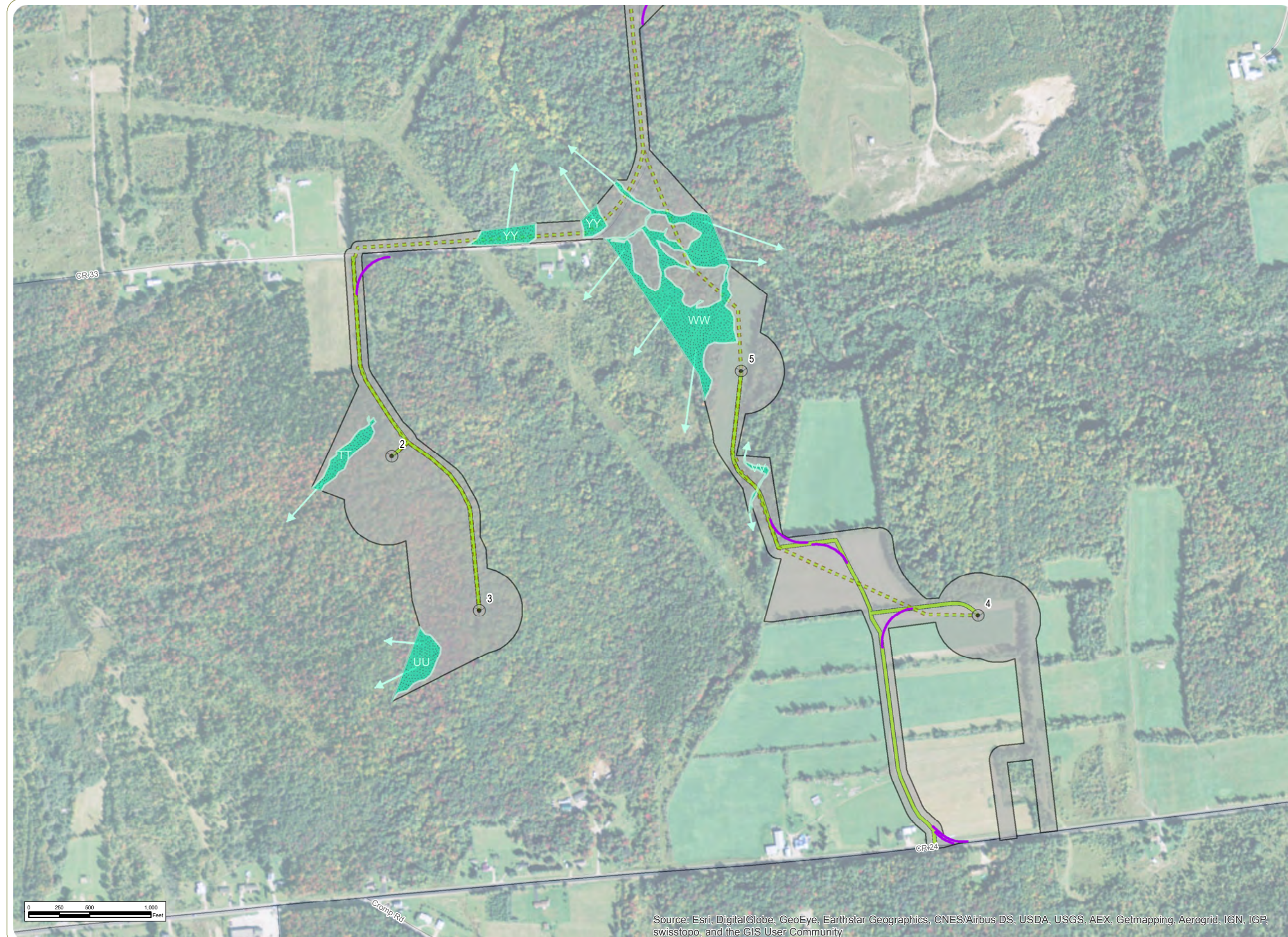
-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area



Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com



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



Jericho Rise Wind Farm Wetland Delineation

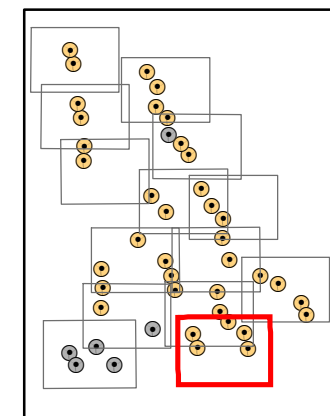
Towns of Chateaugay and Belmont
Franklin County, New York

**Figure 6. Delineated Wetlands
and Streams - Project
Components View**

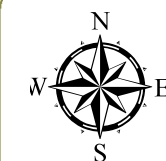
Page 14 of 14

September 2015

-  Wind Turbine
-  Alternate Wind Turbine
-  Met Tower
-  Collection Line
-  Alternate Collection Line
-  Overhead Collection Line
-  Collection Line Bore
-  Access Road
-  Alternate Access Road
-  Construction Turning Radius
-  Laydown Yard
-  Wetland Continues
-  Delineated Wetlands
-  Wetland Delineation Study Area

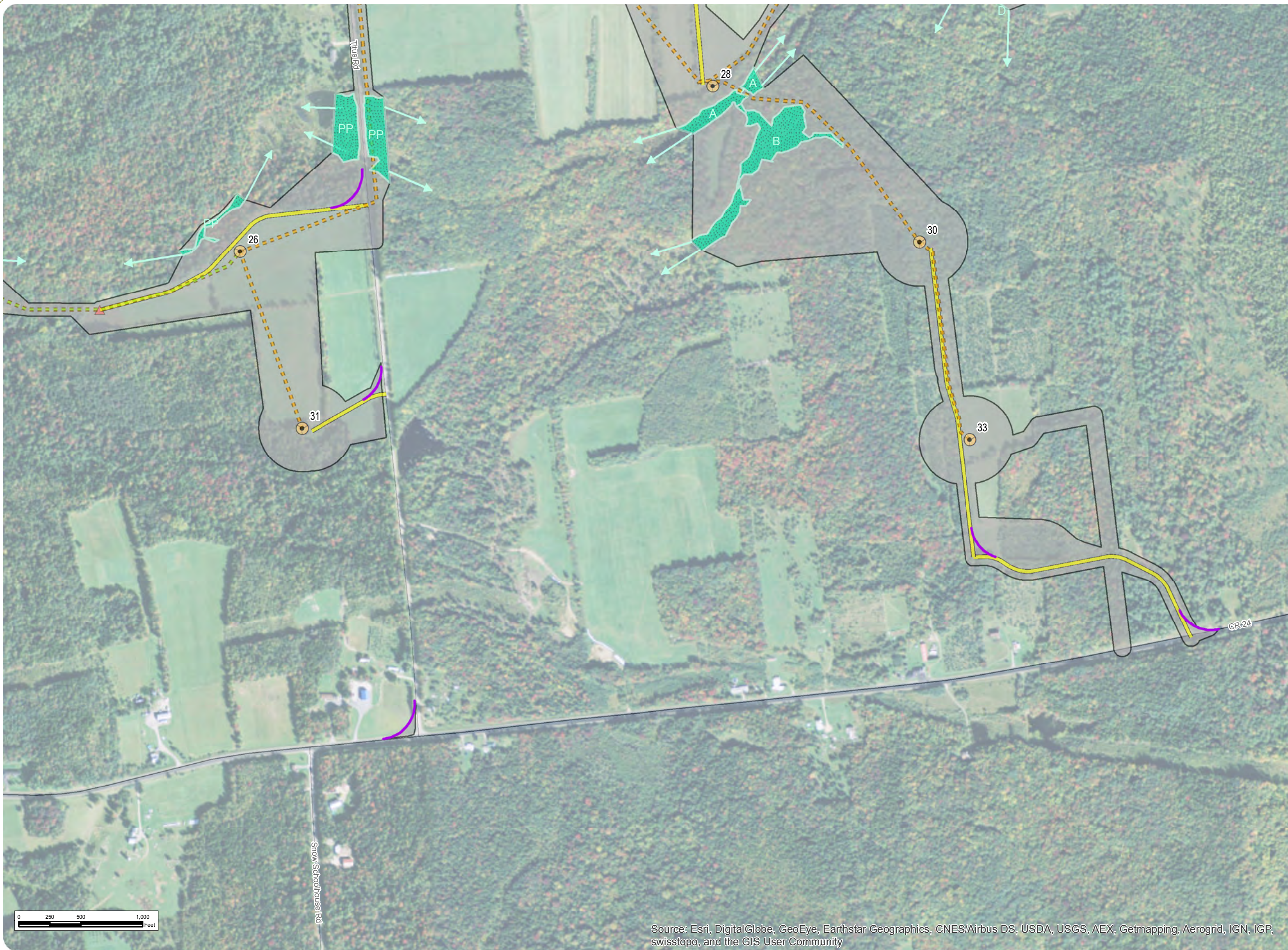


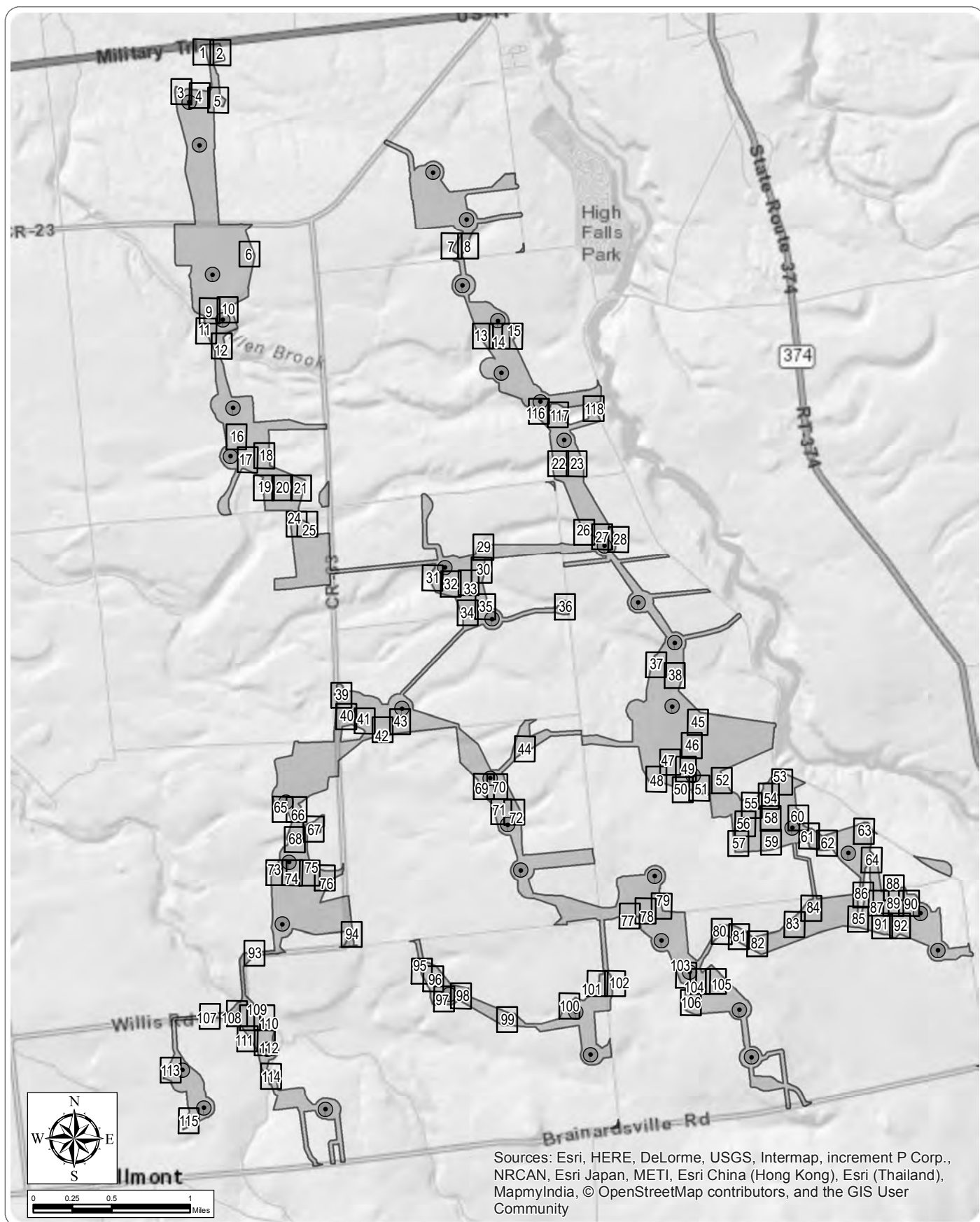
Notes:
 1. Basemap: ESRI ArcGIS Online
 "World Imagery" Map Service.
 2. This is a color graphic. Reproduction in
 grayscale may misrepresent the data.



www.edrdpc.com

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





Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams Sheet Index

September 2015

Notes: 1. Basemap: Esri ArcGIS Online "World Streets" Map Service

2. The entire wetland delineation study area was investigated for the presence of wetlands and streams. Delineated Wetlands and Streams Sheets are only provided for those areas where wetlands and/or streams were encountered and delineated.

- Wind Turbine
- Wetland Delineation Study Area



www.edrdpc.com



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 1 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

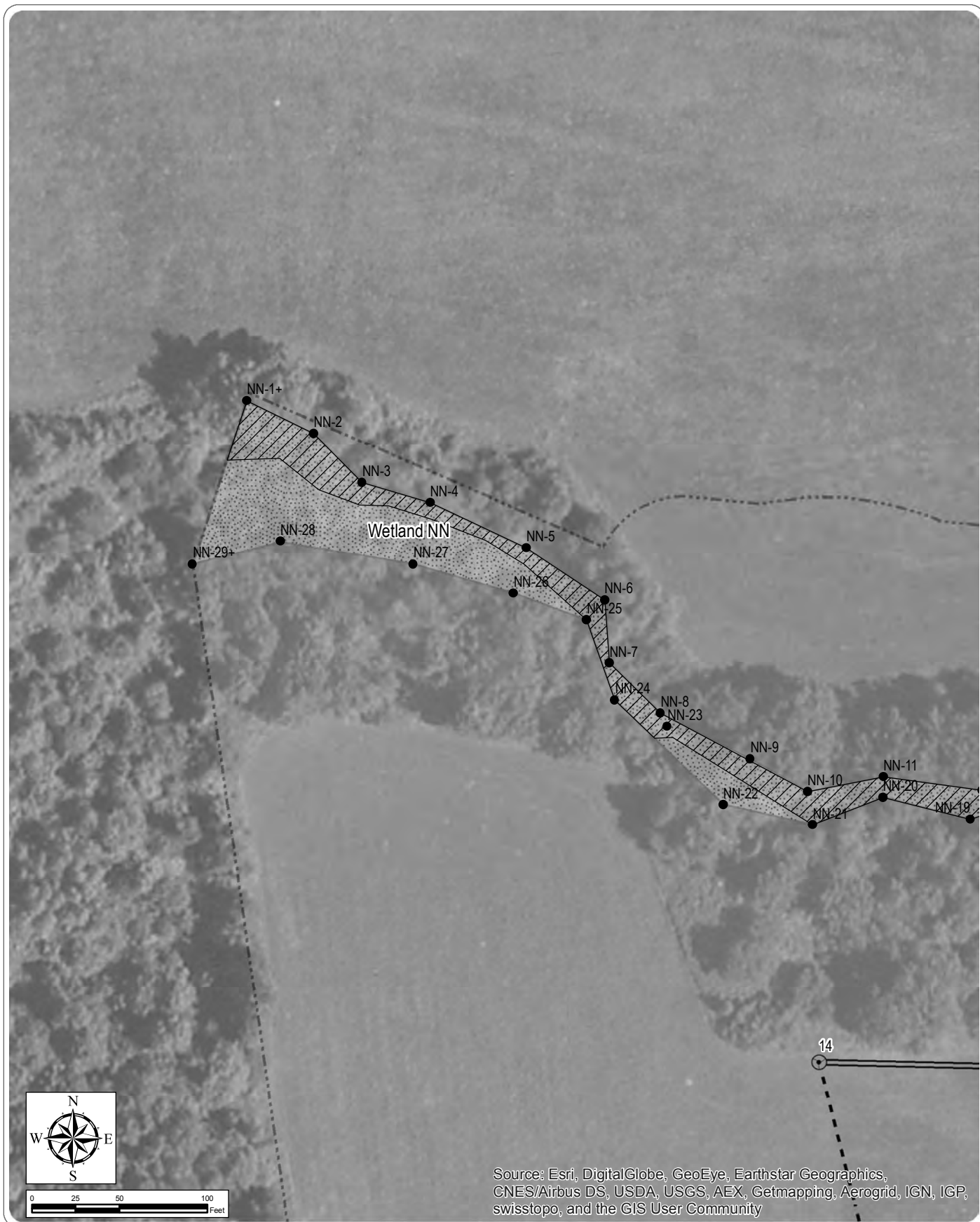
Sheet 2 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

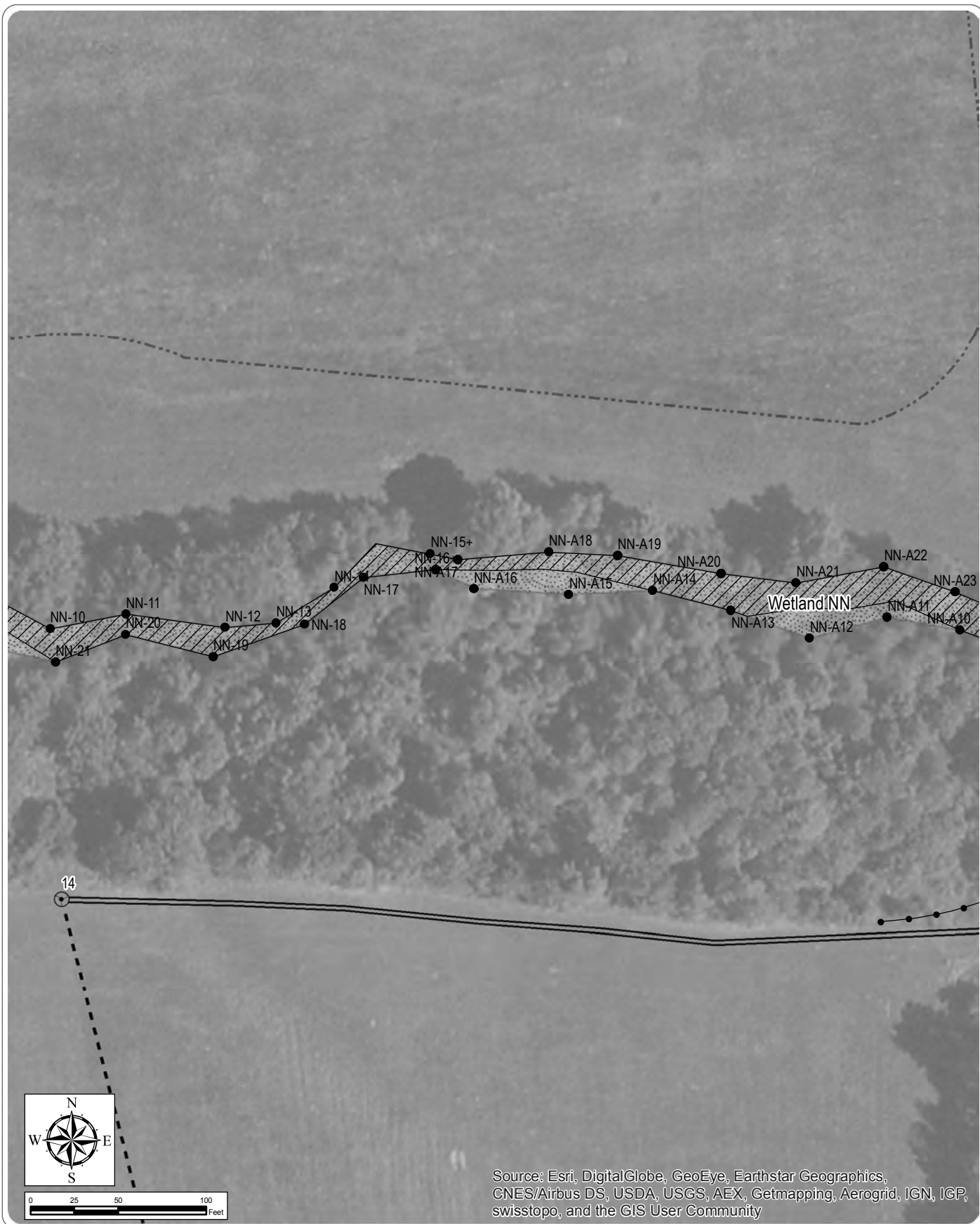
Sheet 3 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ○ Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 4 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

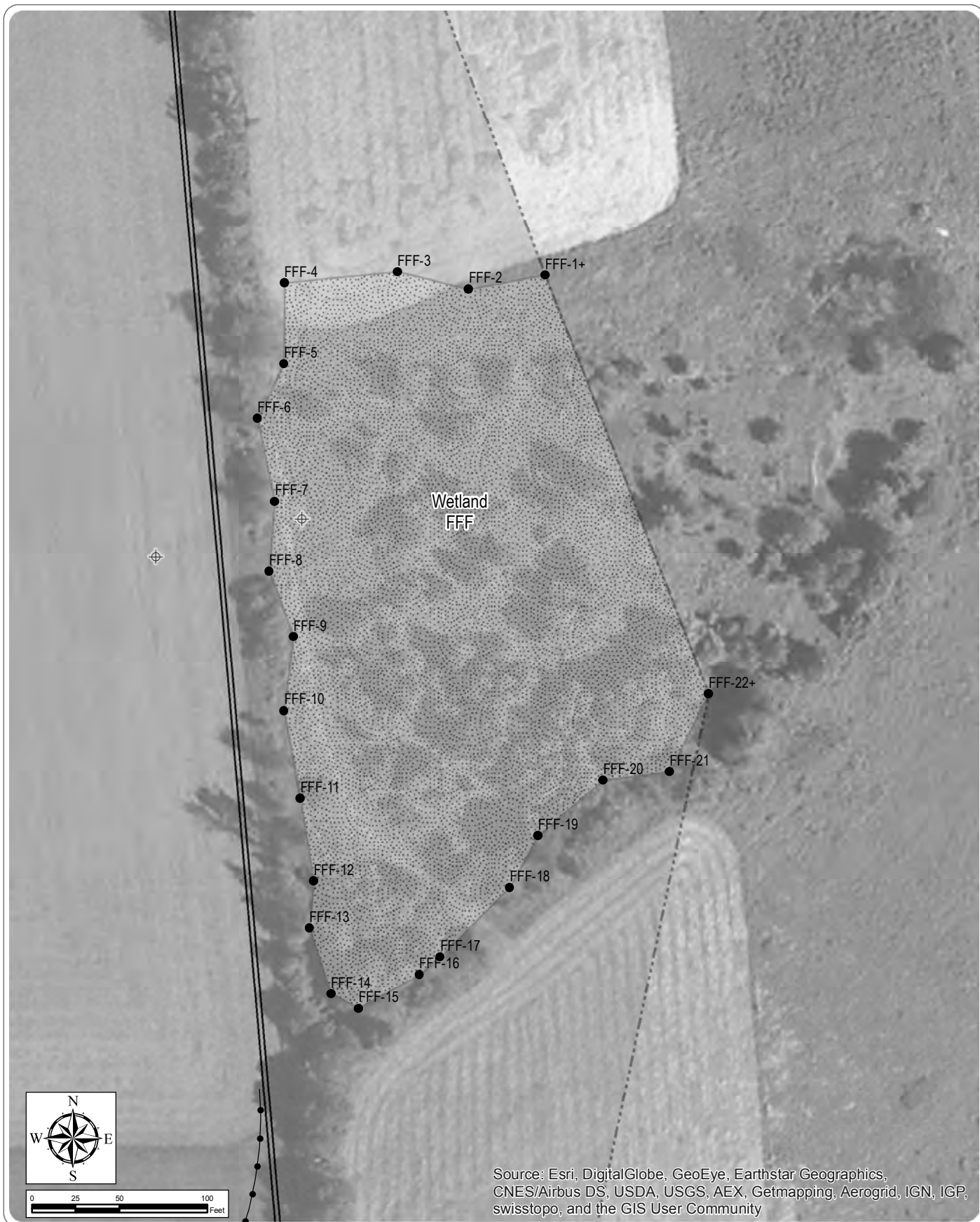
Sheet 5 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

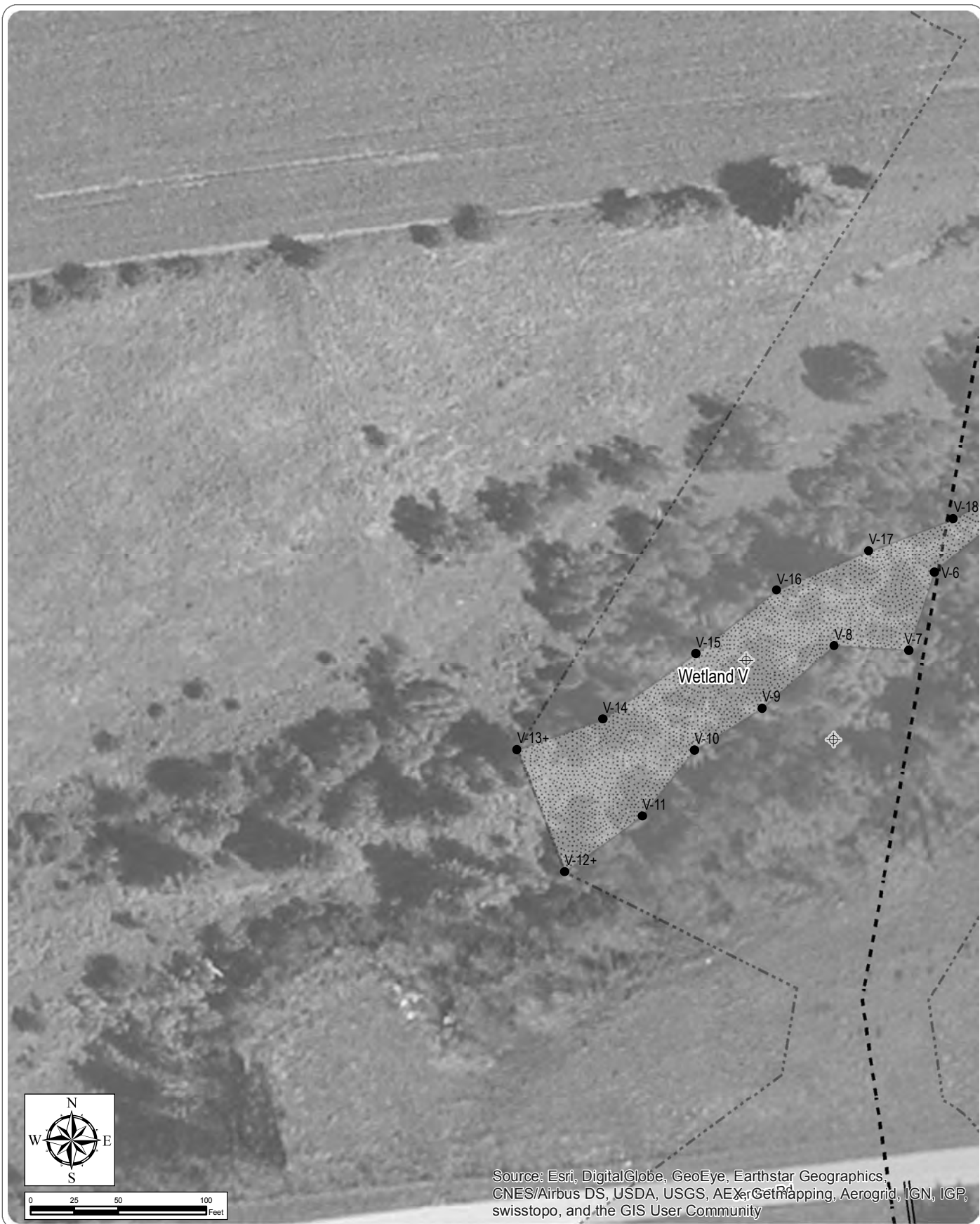
Sheet 6 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 7 of 118

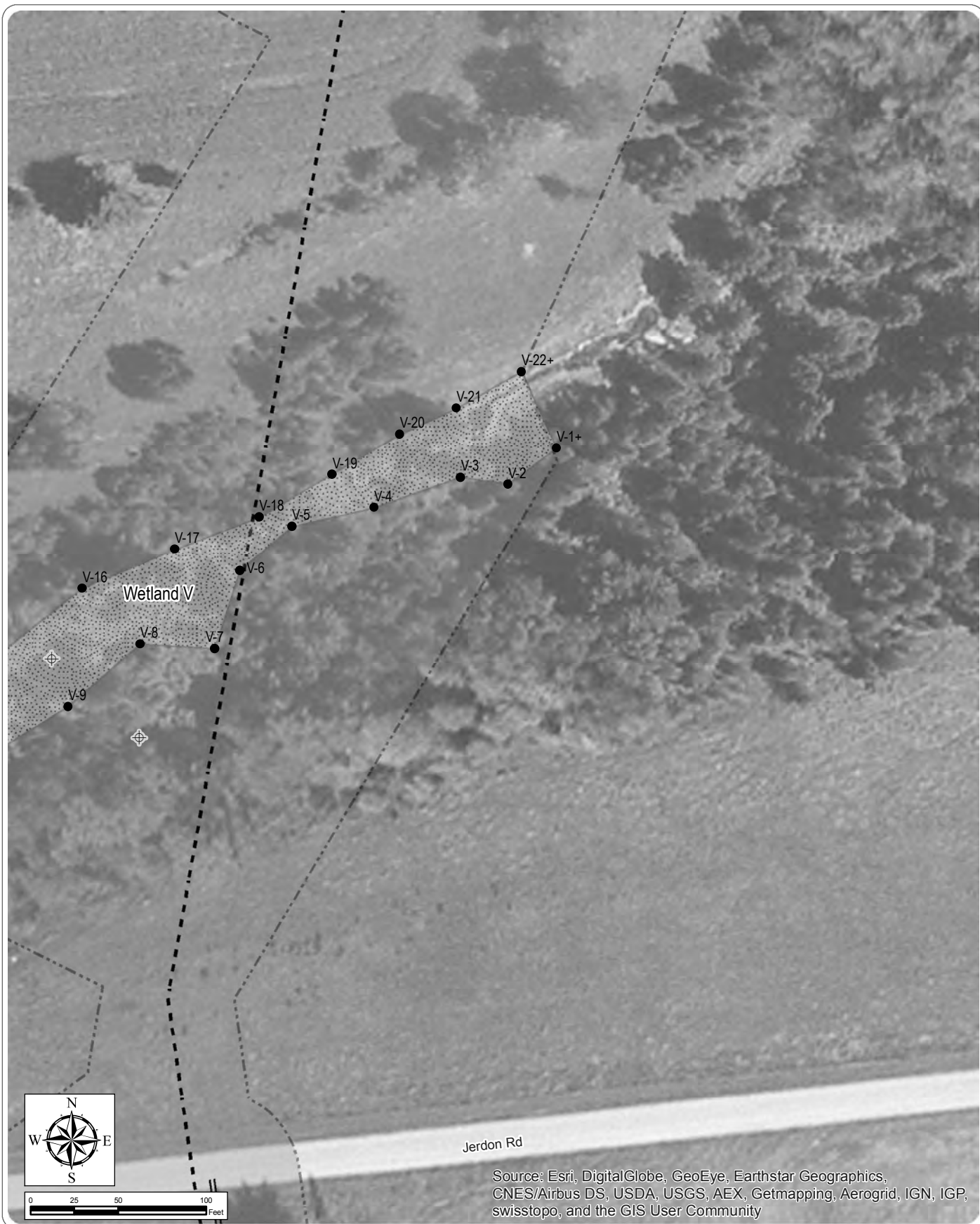
Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream





Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 8 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 9 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 10 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 11 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

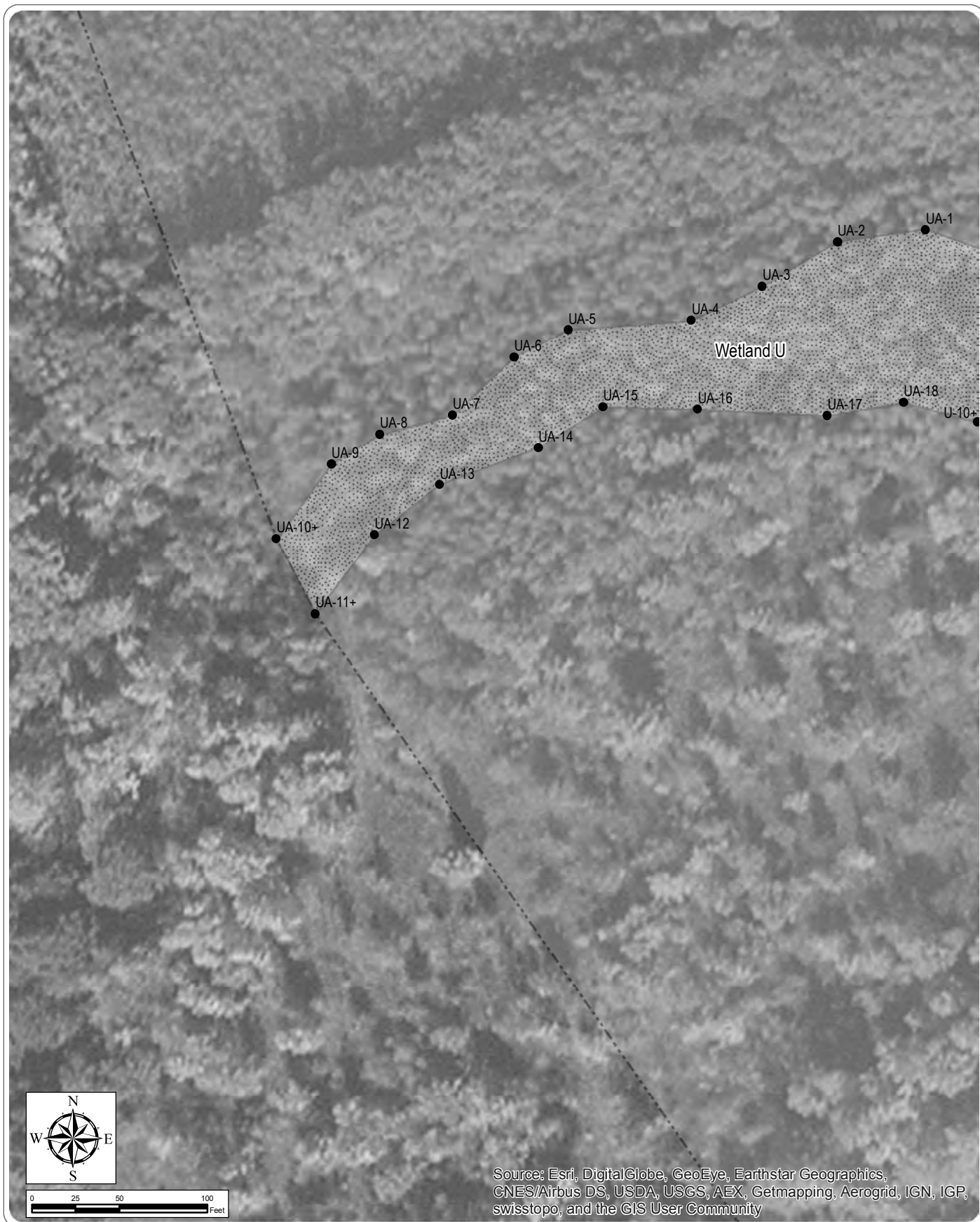
Sheet 12 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

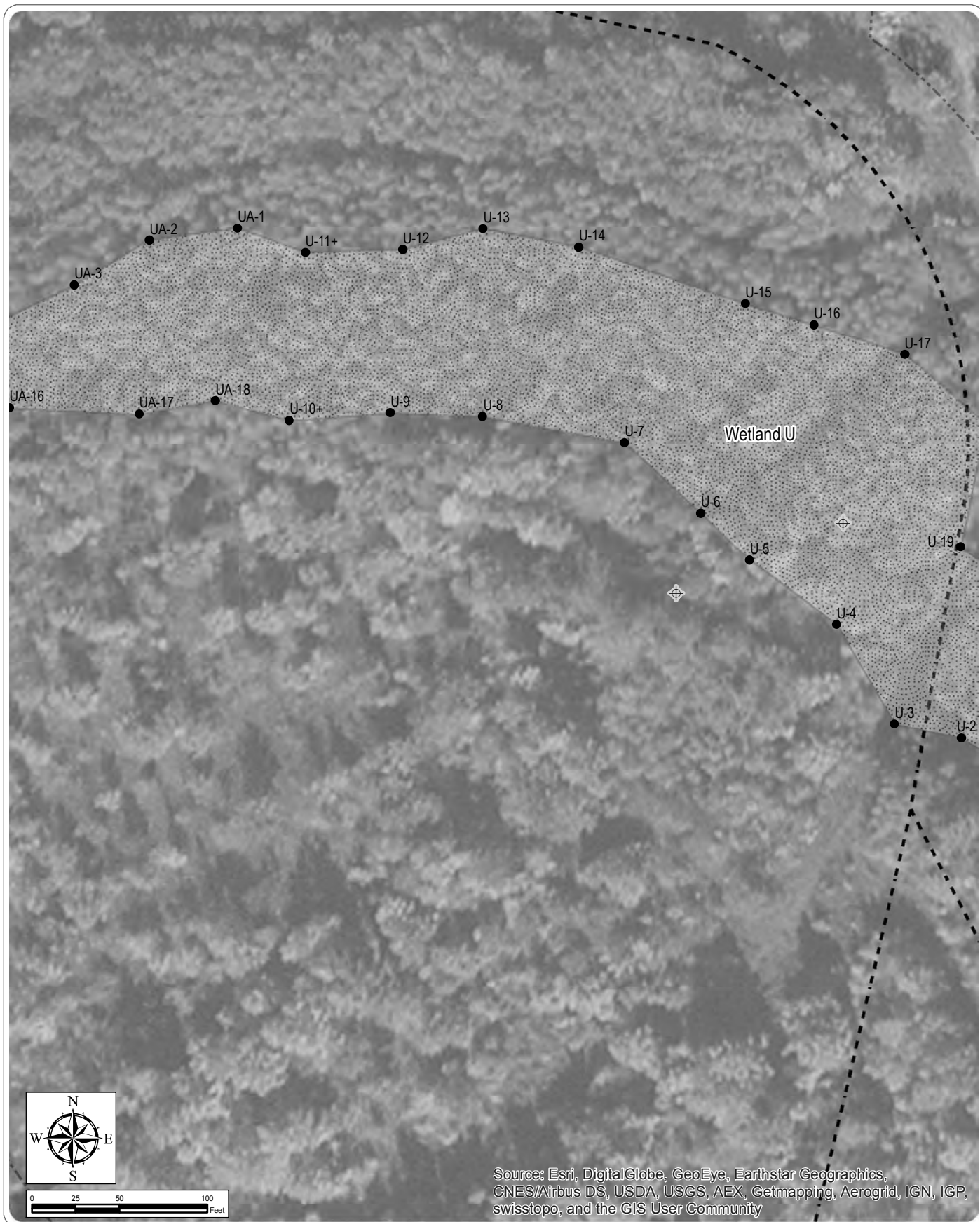
Sheet 13 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

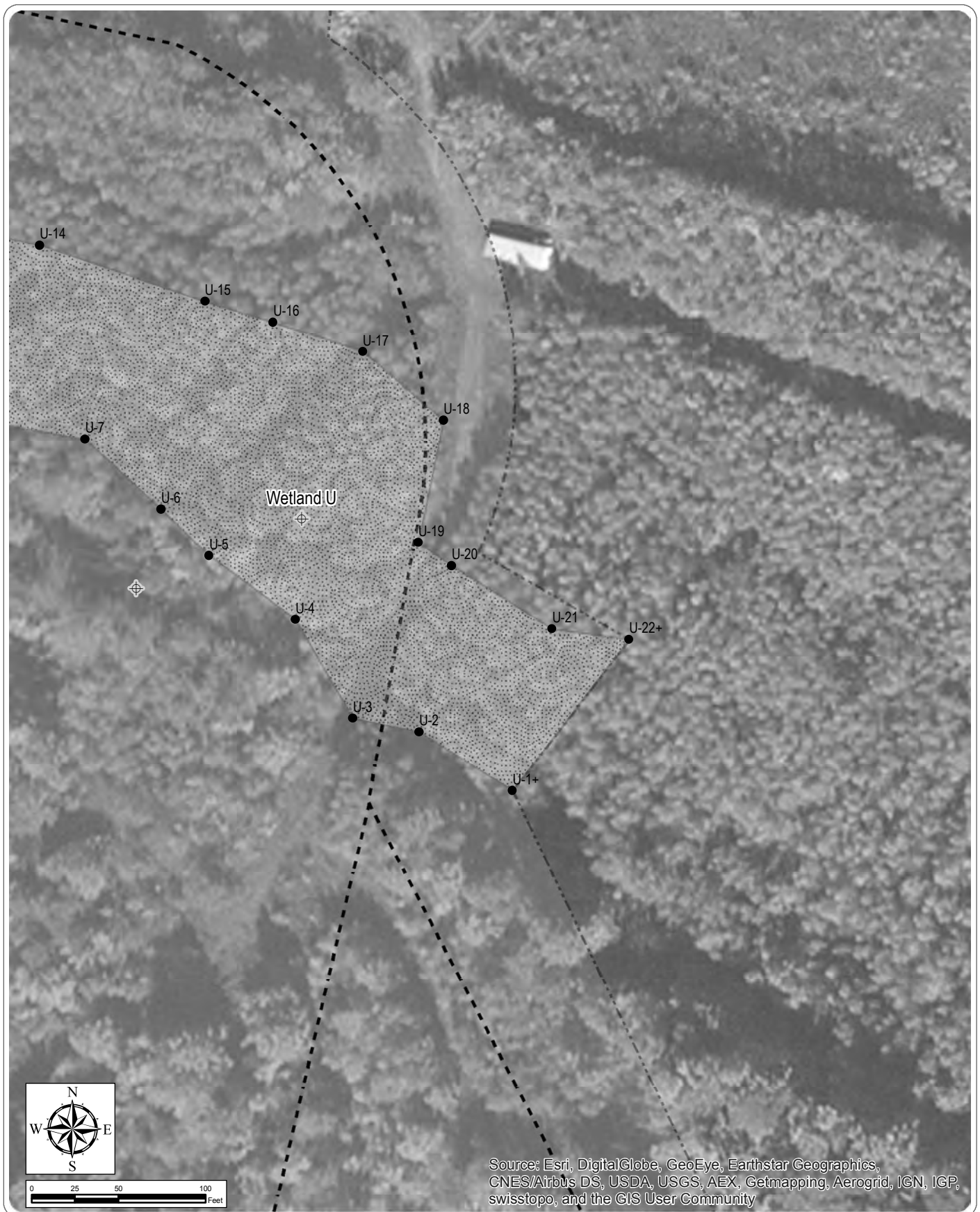
Sheet 14 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

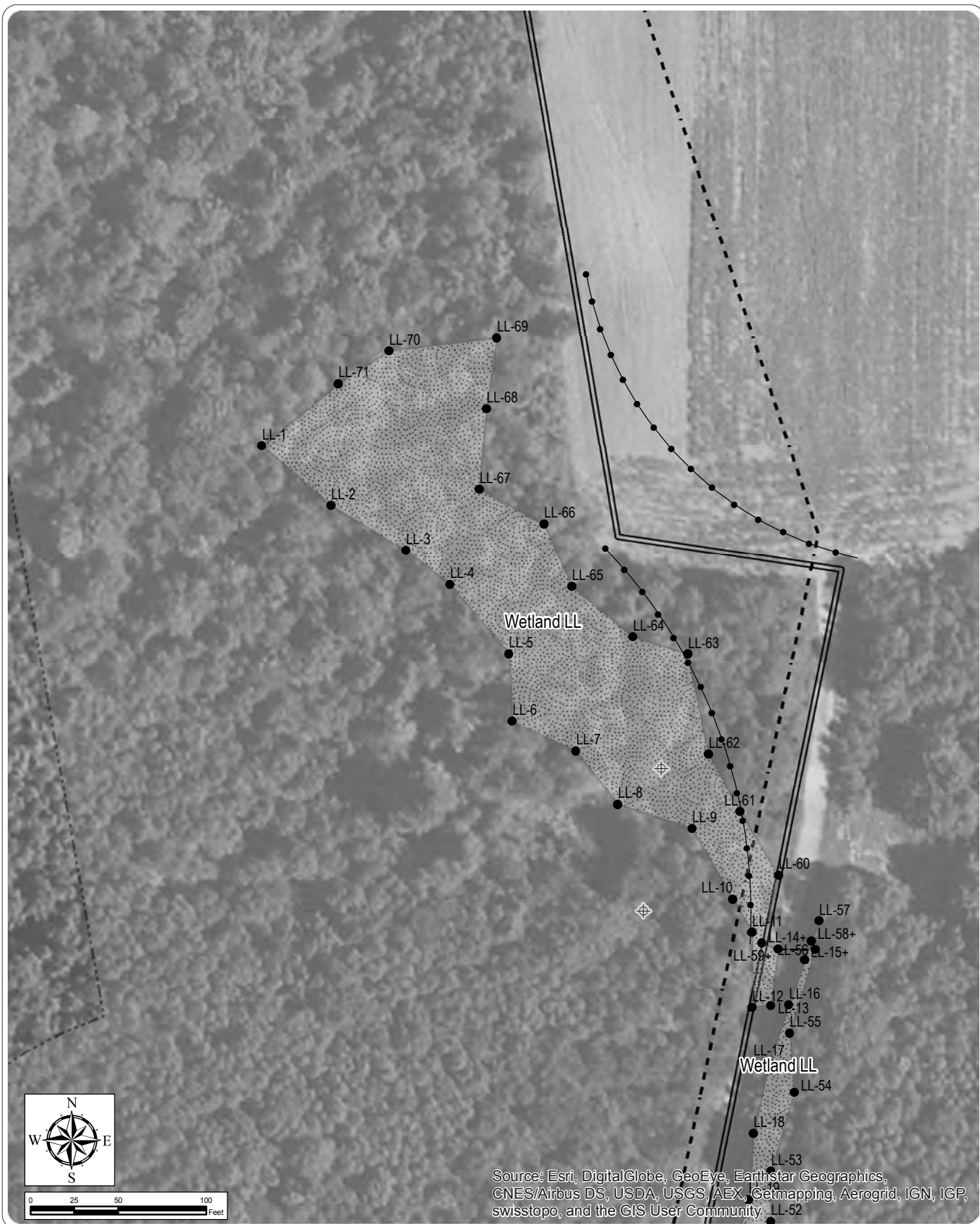
Sheet 15 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

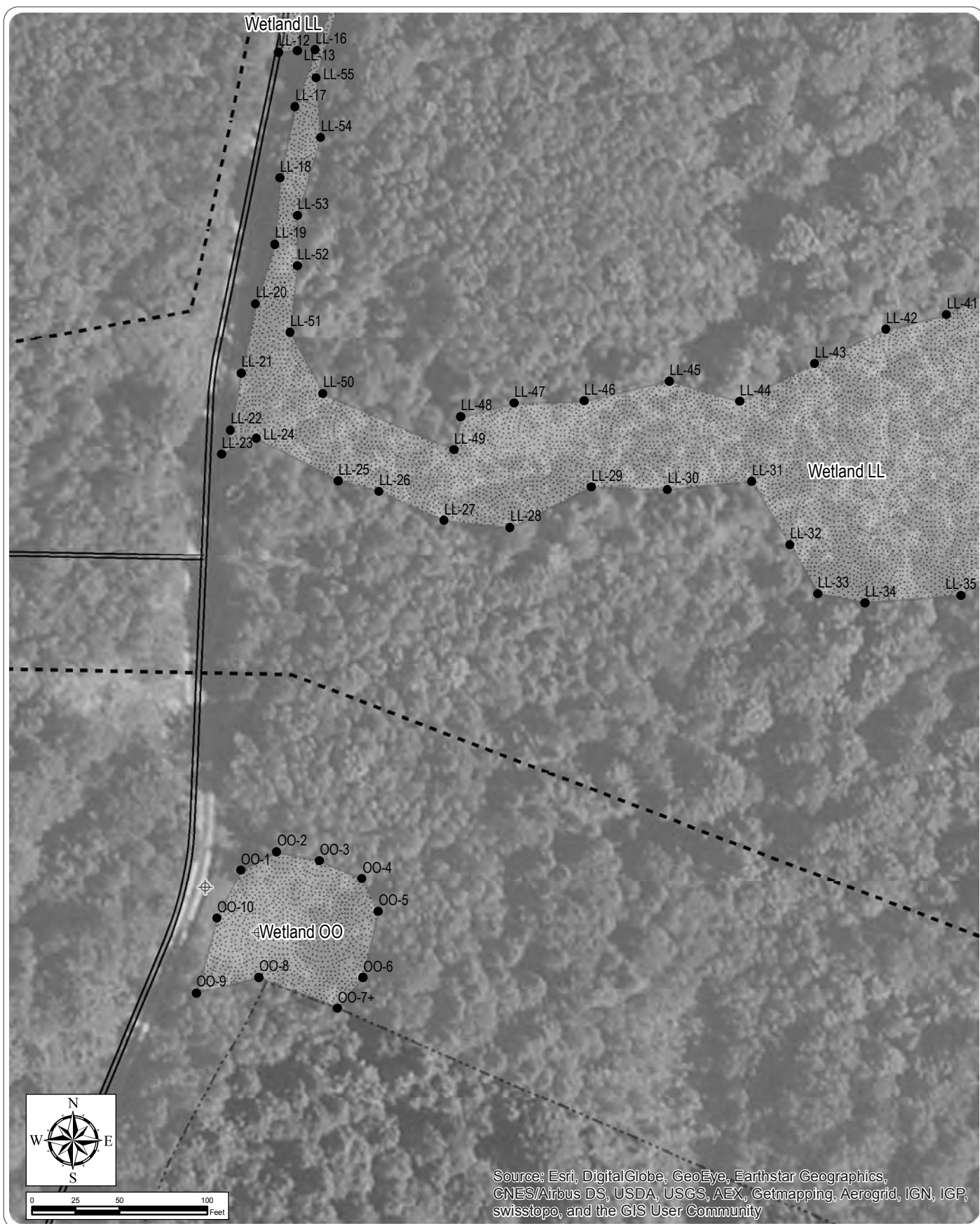
Sheet 16 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

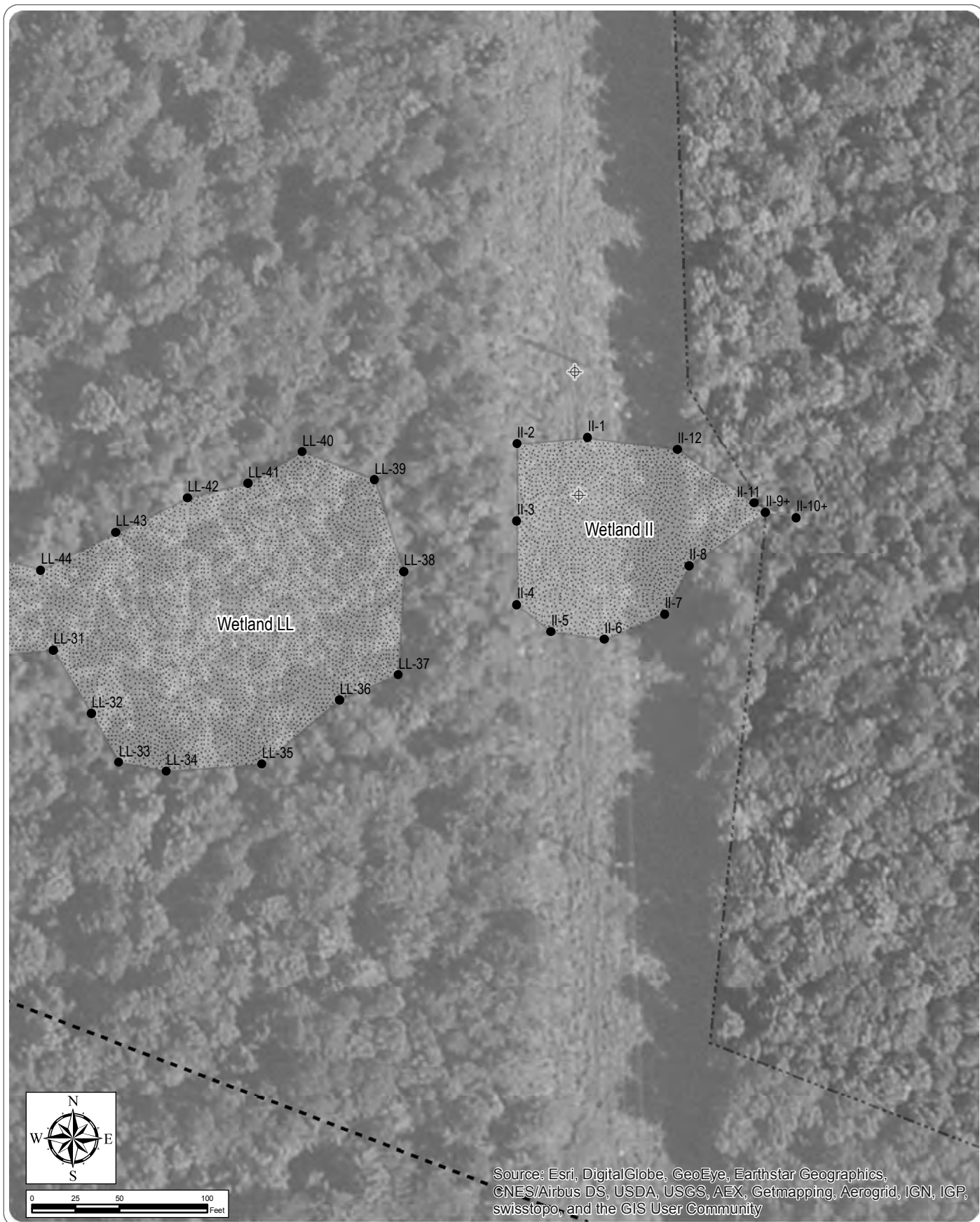
Sheet 17 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

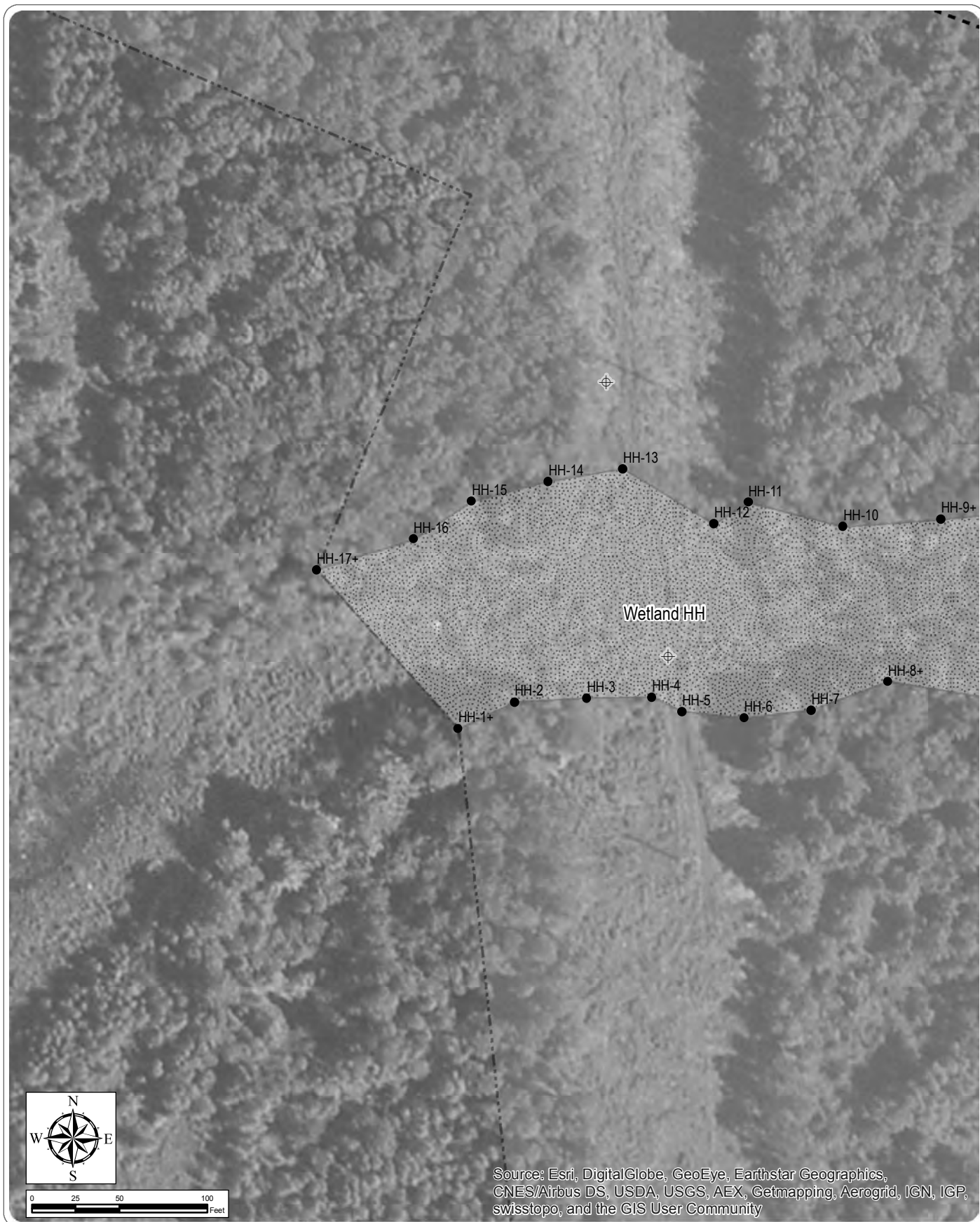
Sheet 18 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ○ Construction Turning Radius | ▨ Delineated Stream |



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

Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

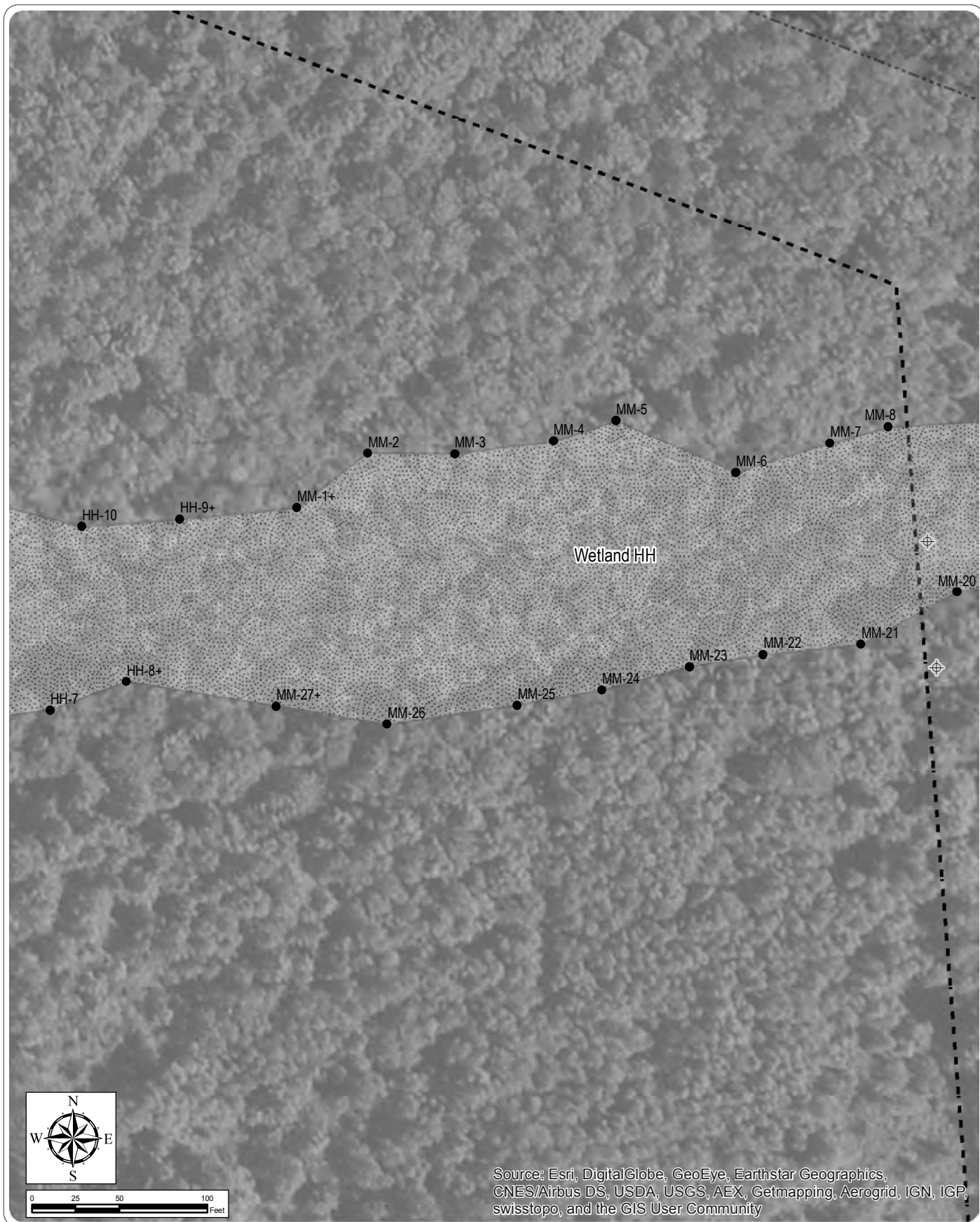
Sheet 19 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|----------------------------------|
| ● Wind Turbine | ▨ Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

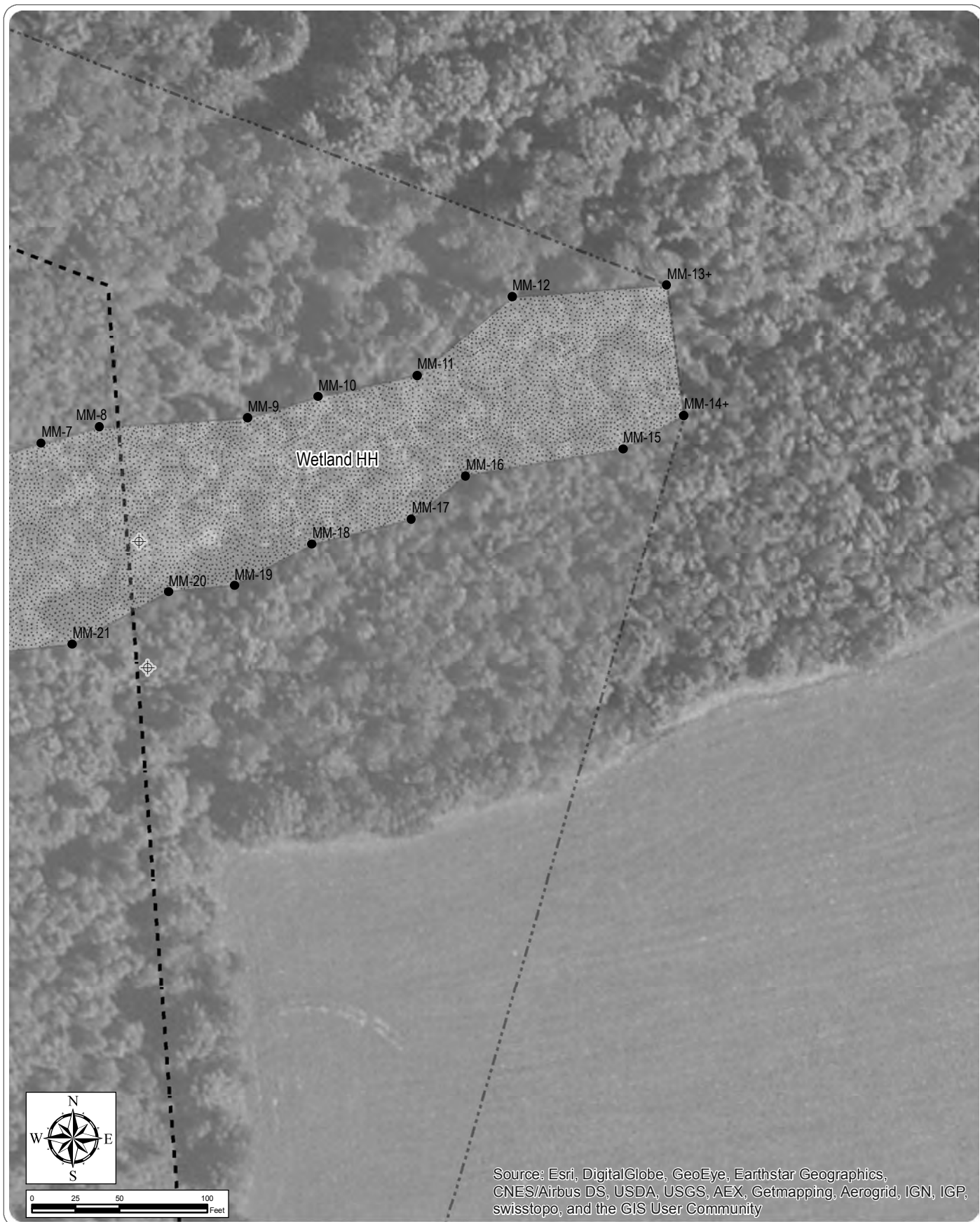
Sheet 20 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

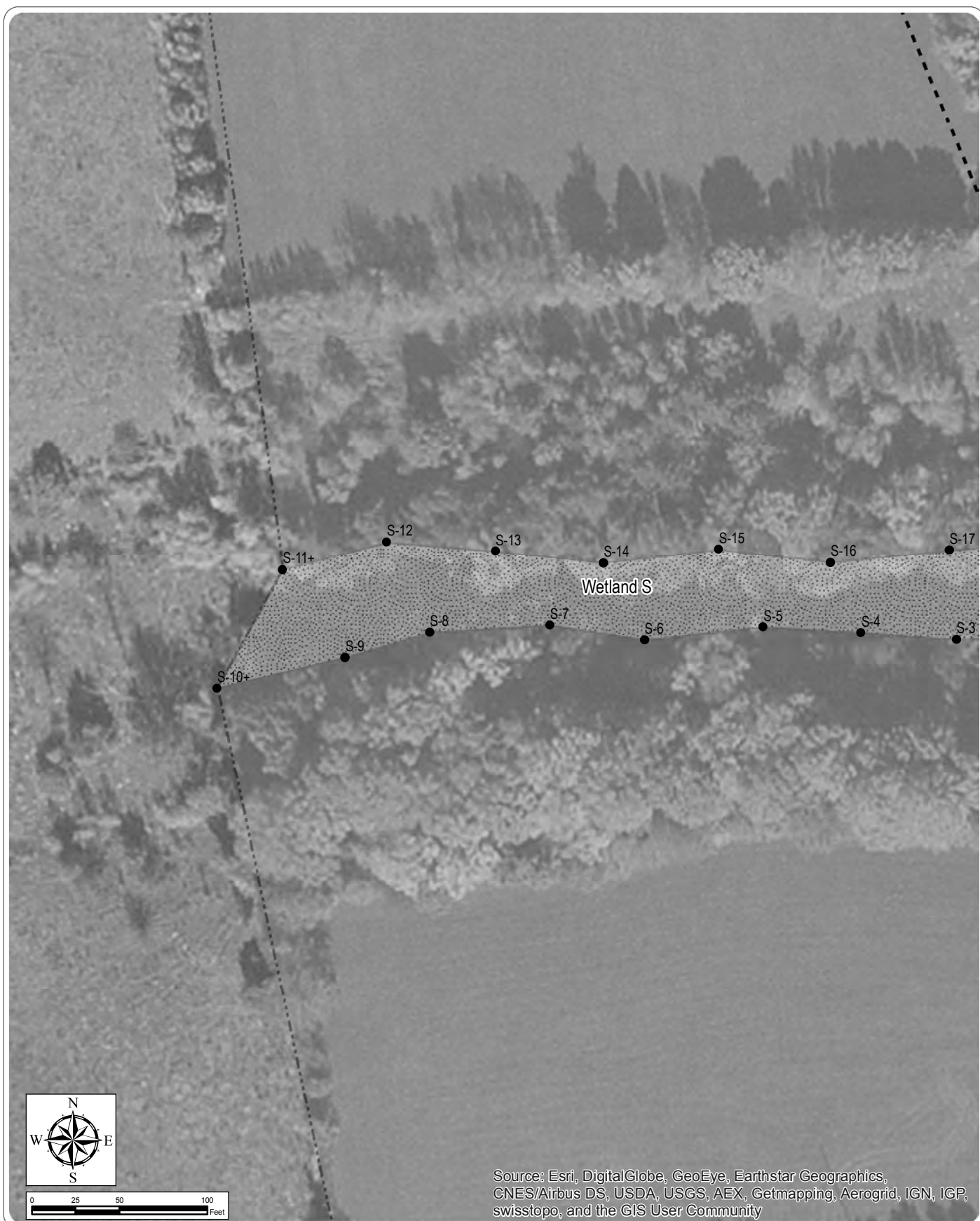
Sheet 21 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



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

Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

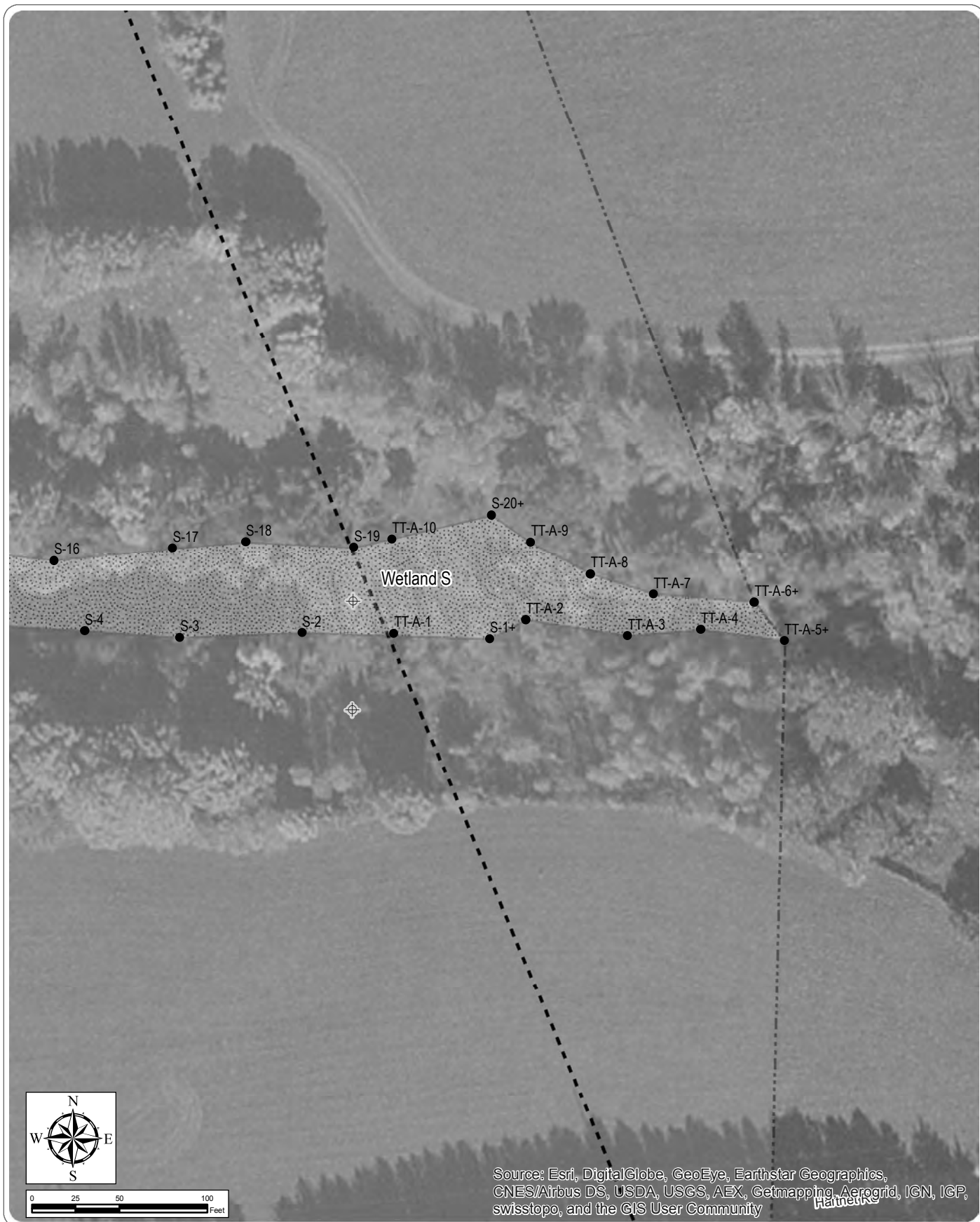
Sheet 22 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

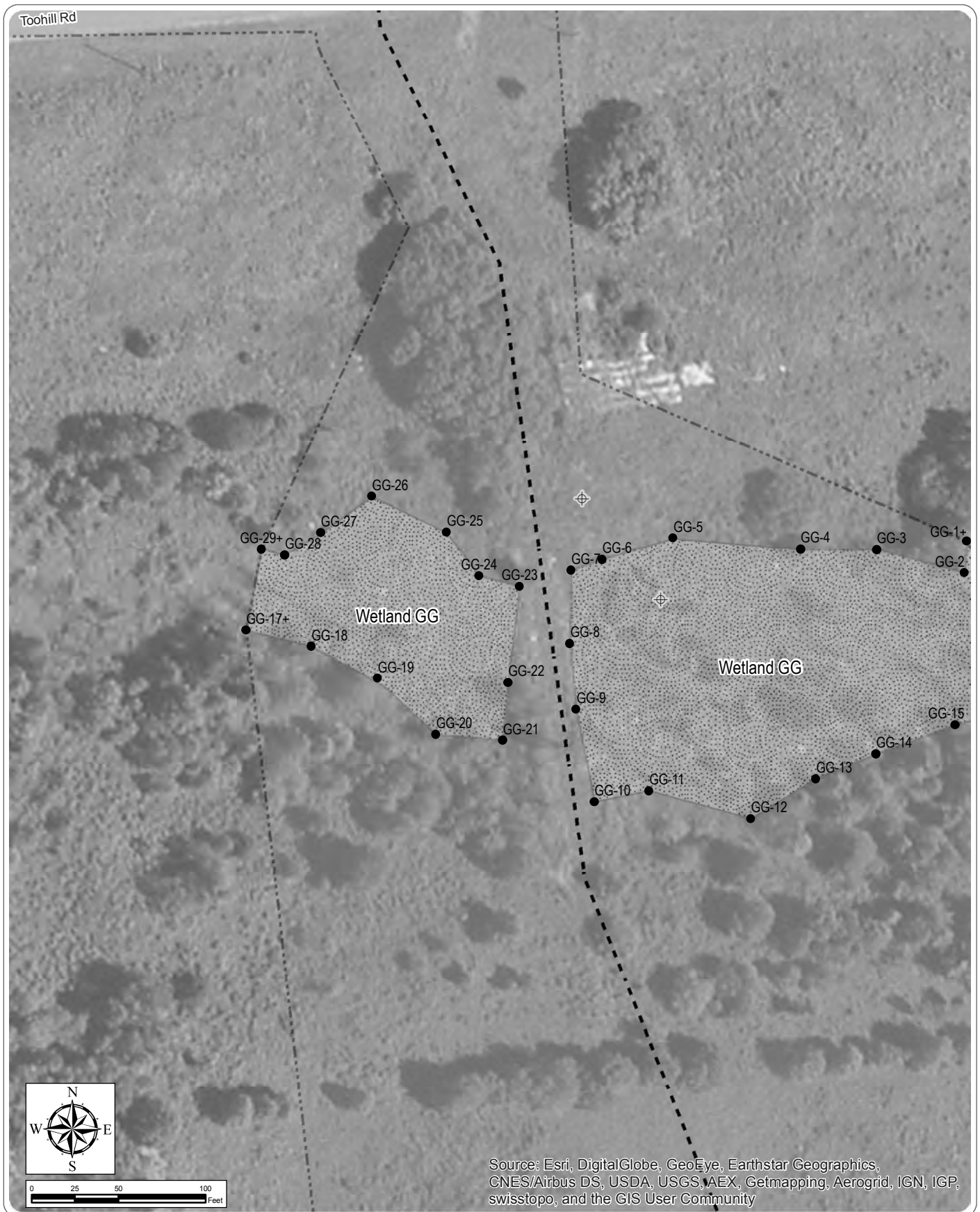
Sheet 23 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

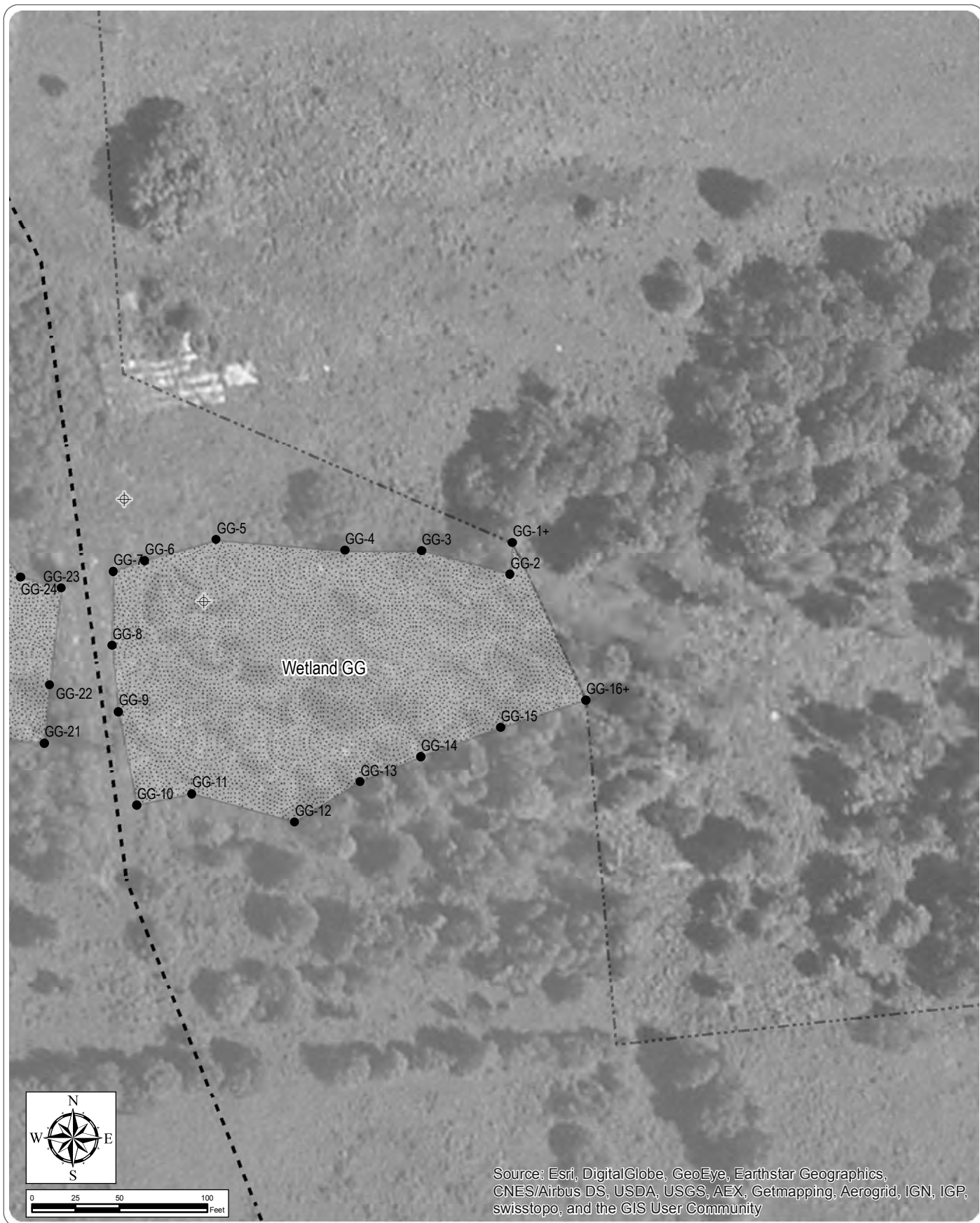
Sheet 24 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

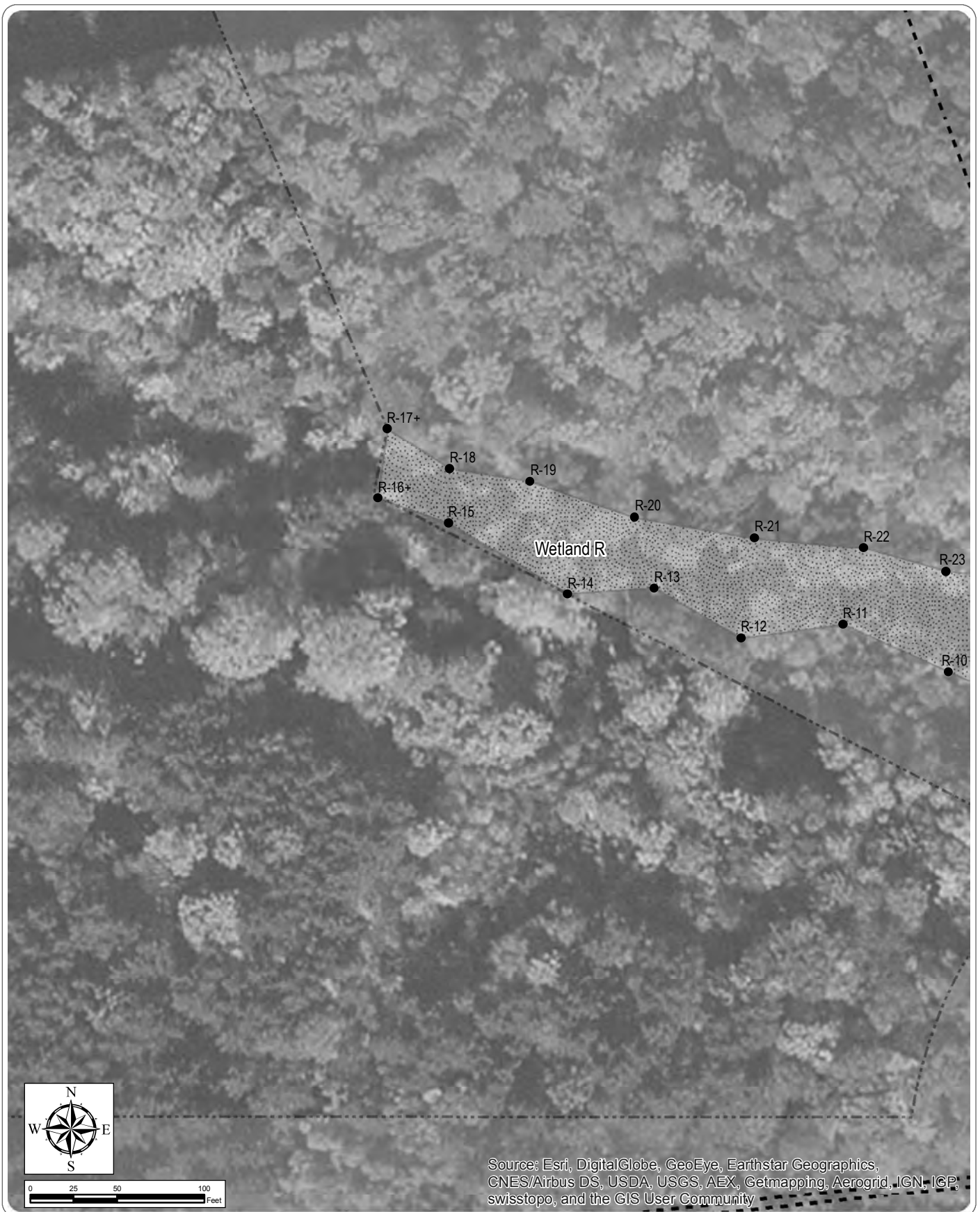
Sheet 25 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

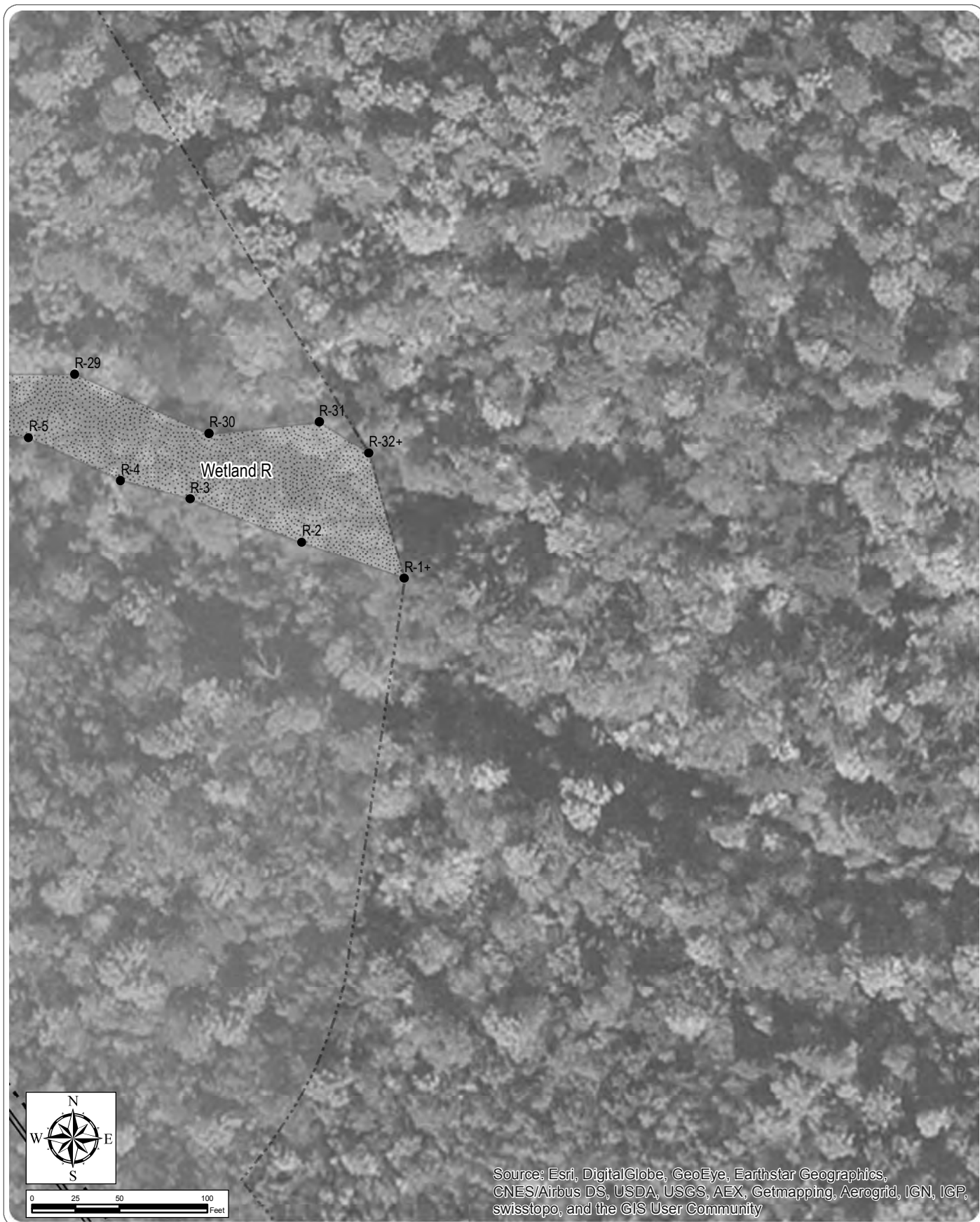
Sheet 26 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

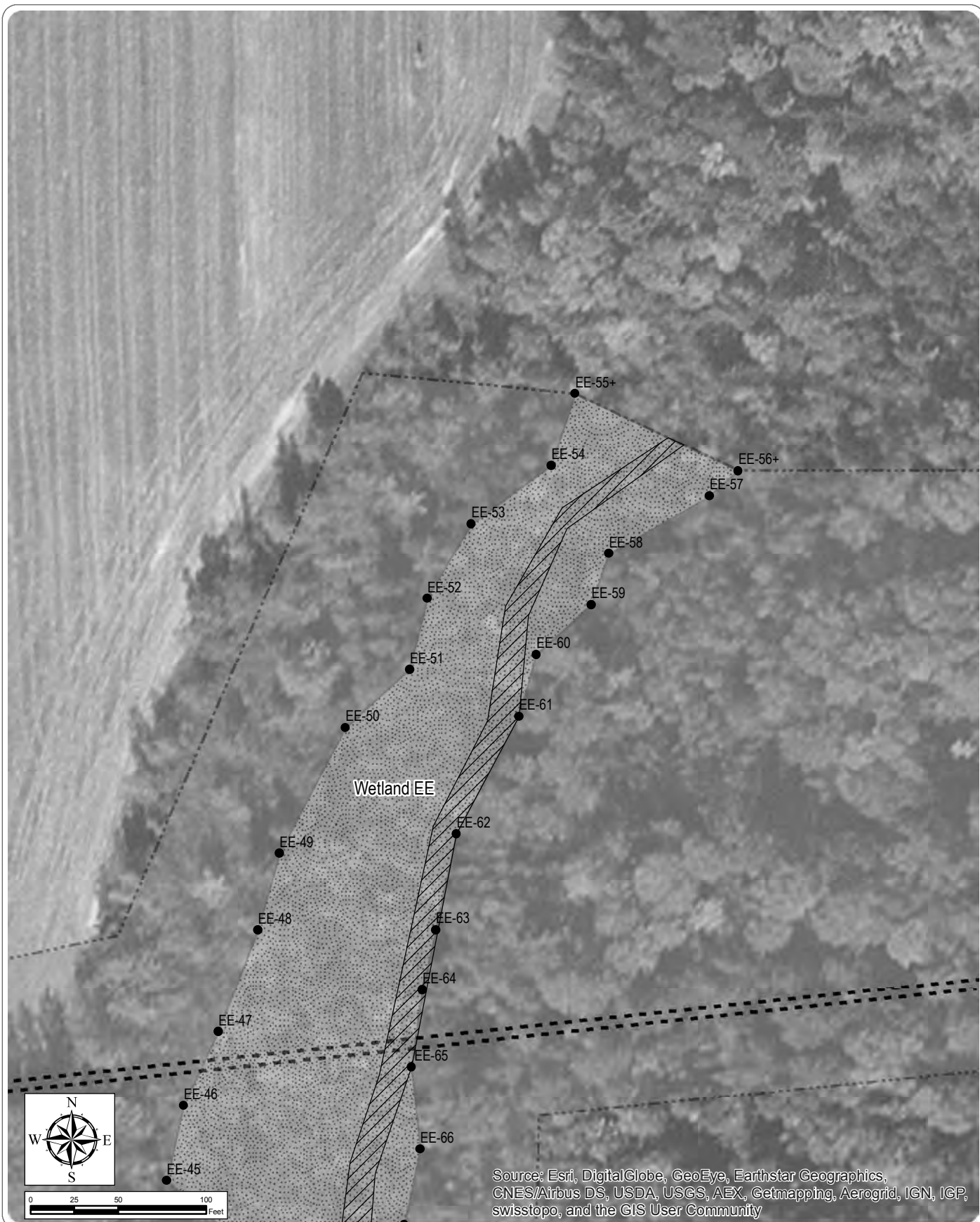
Sheet 28 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

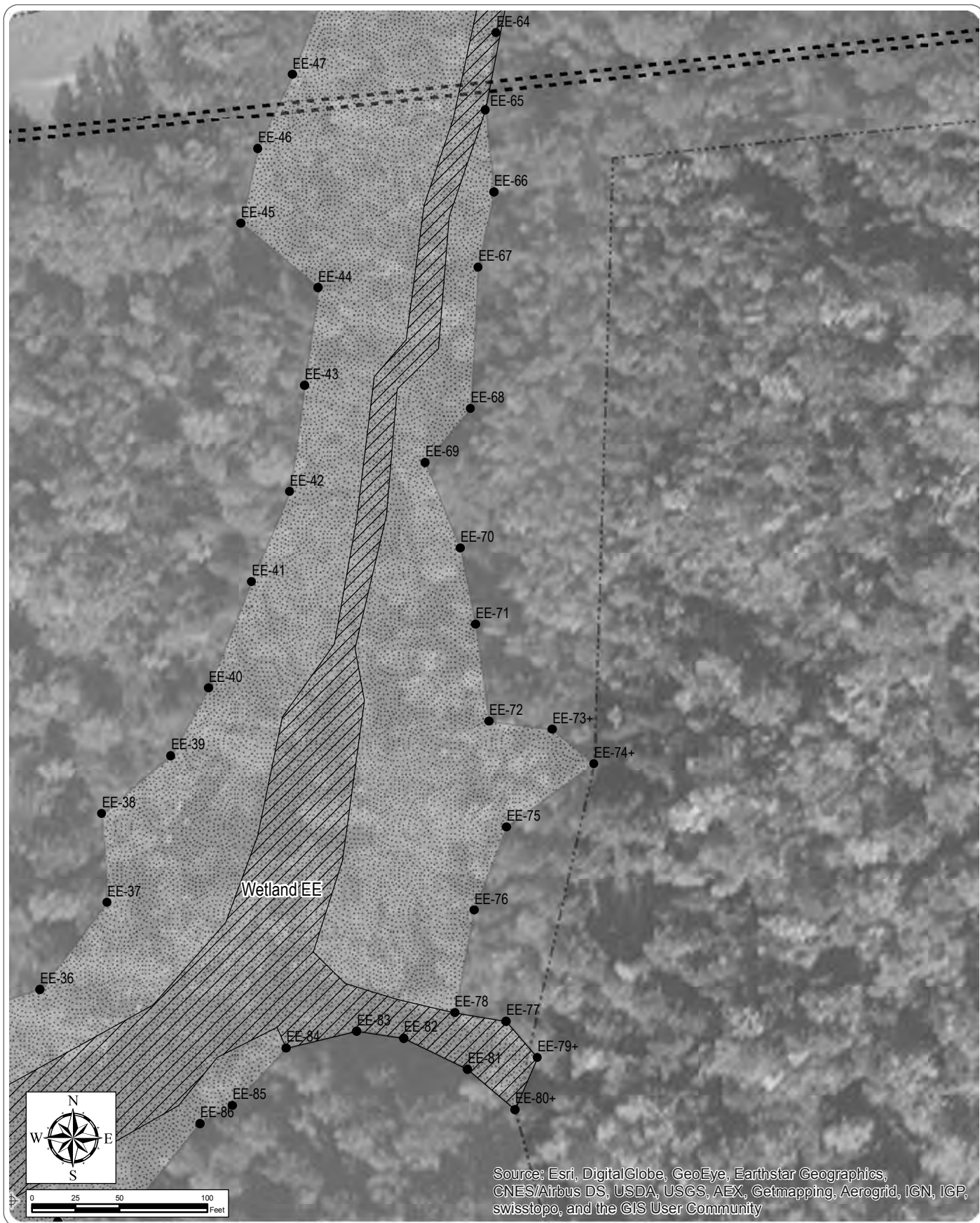
Sheet 29 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

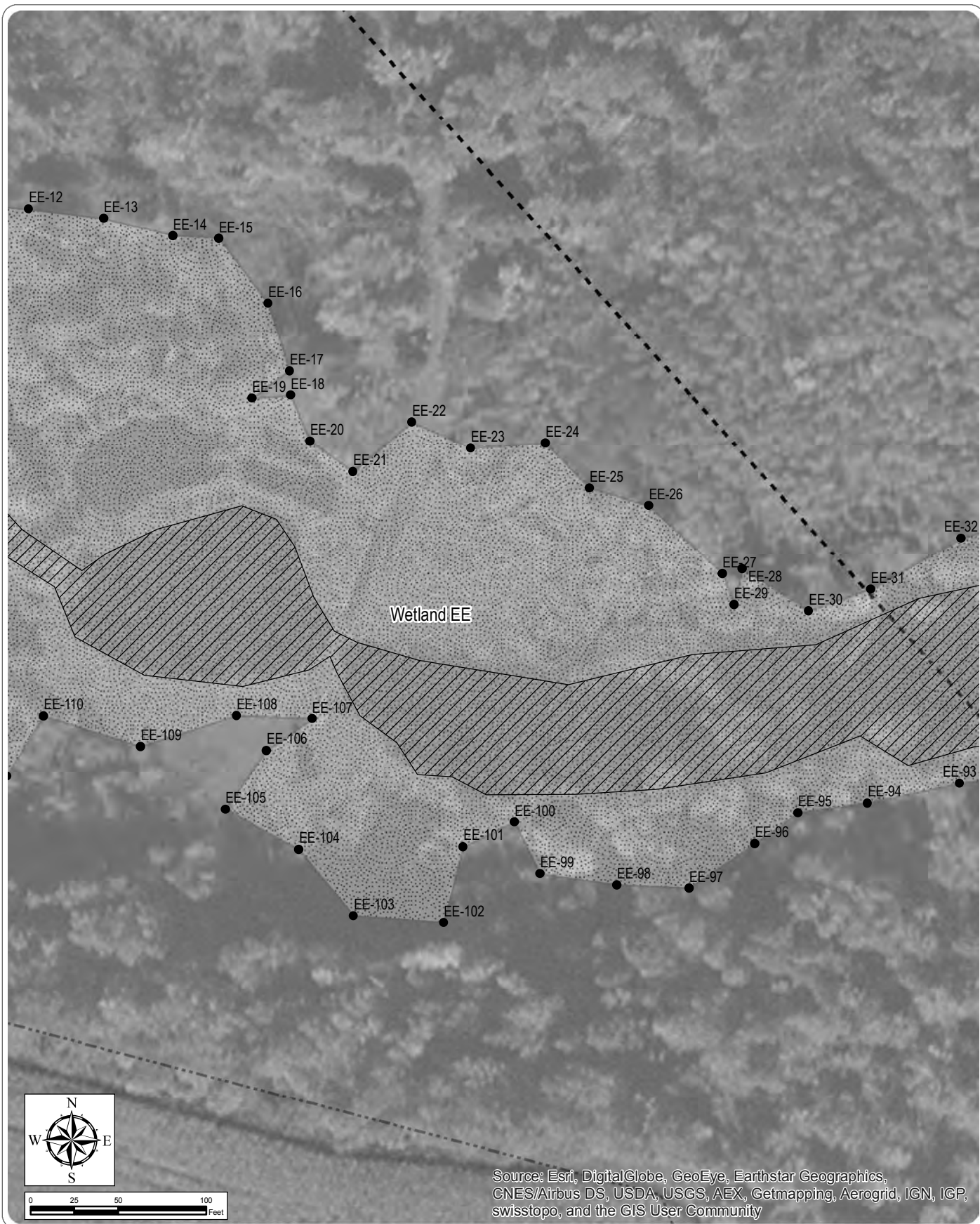
Sheet 30 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

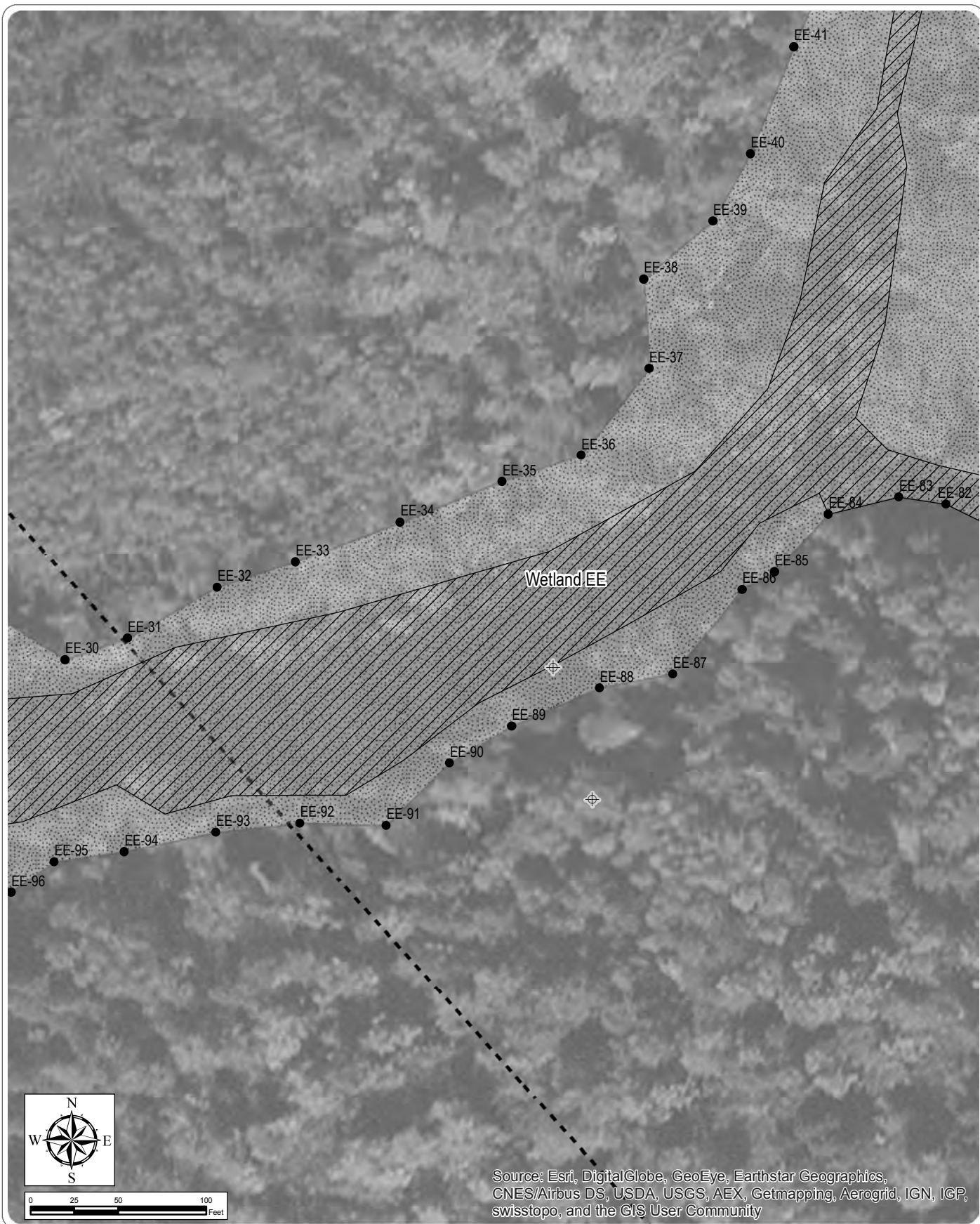
Sheet 32 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

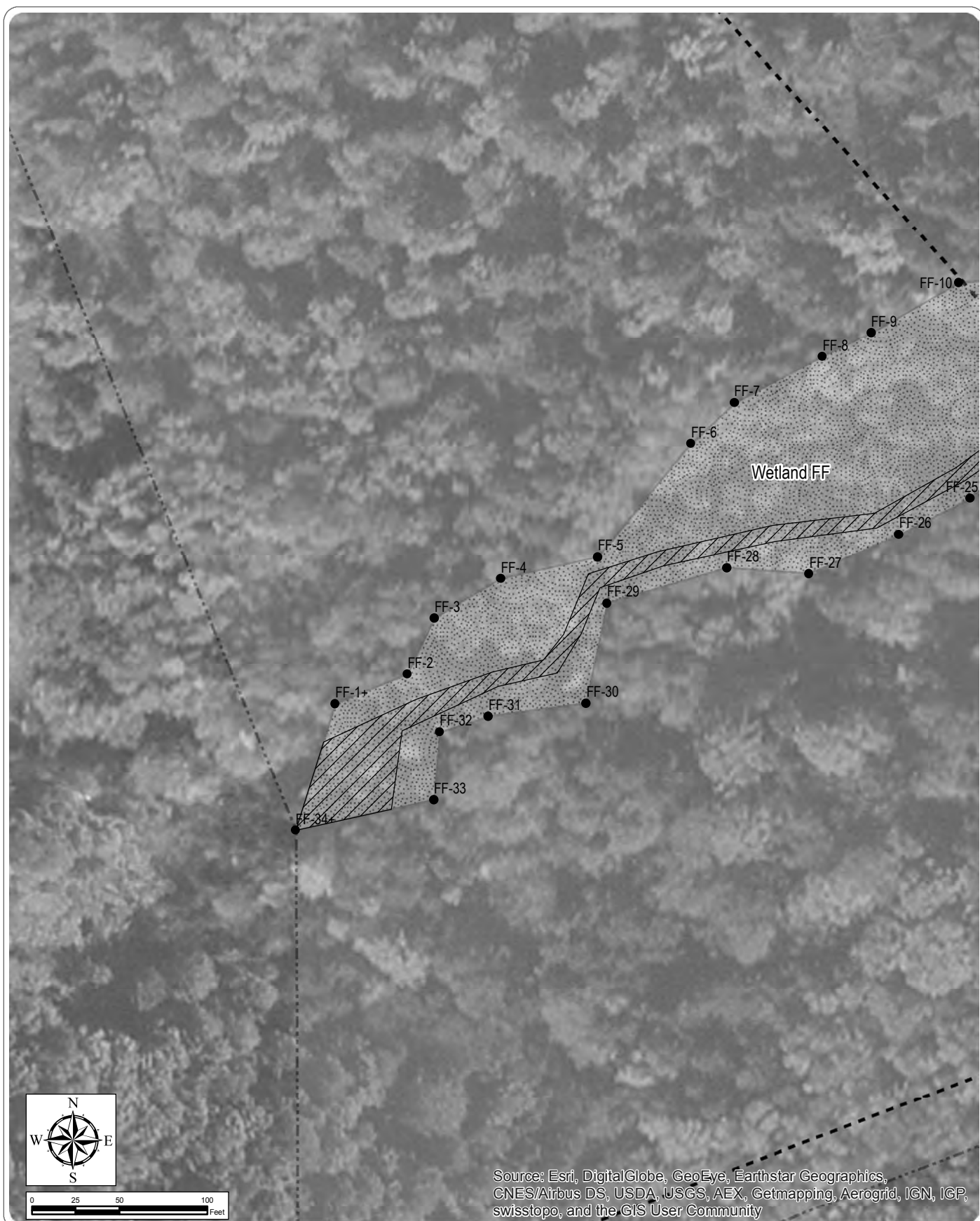
Sheet 33 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

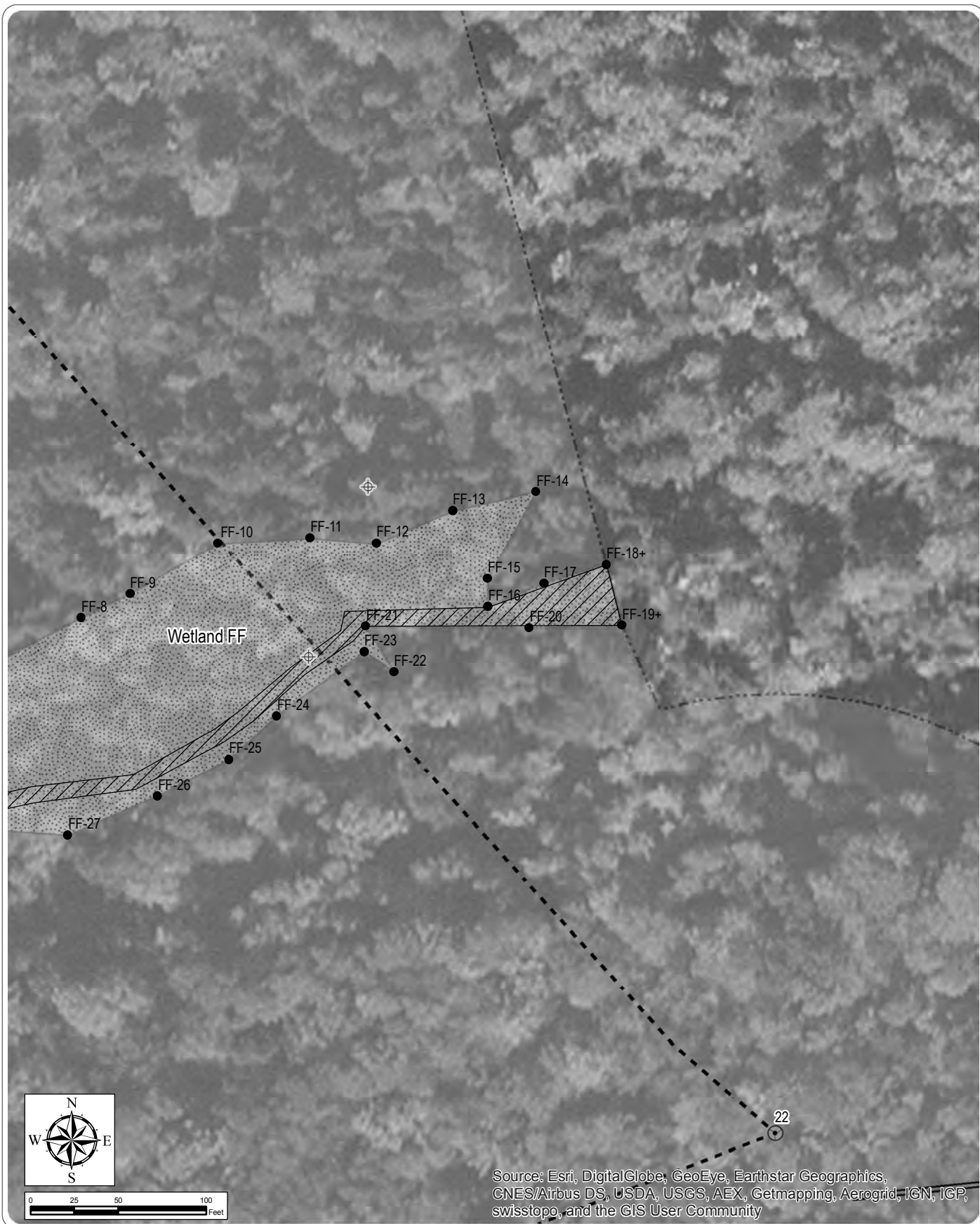
Sheet 34 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

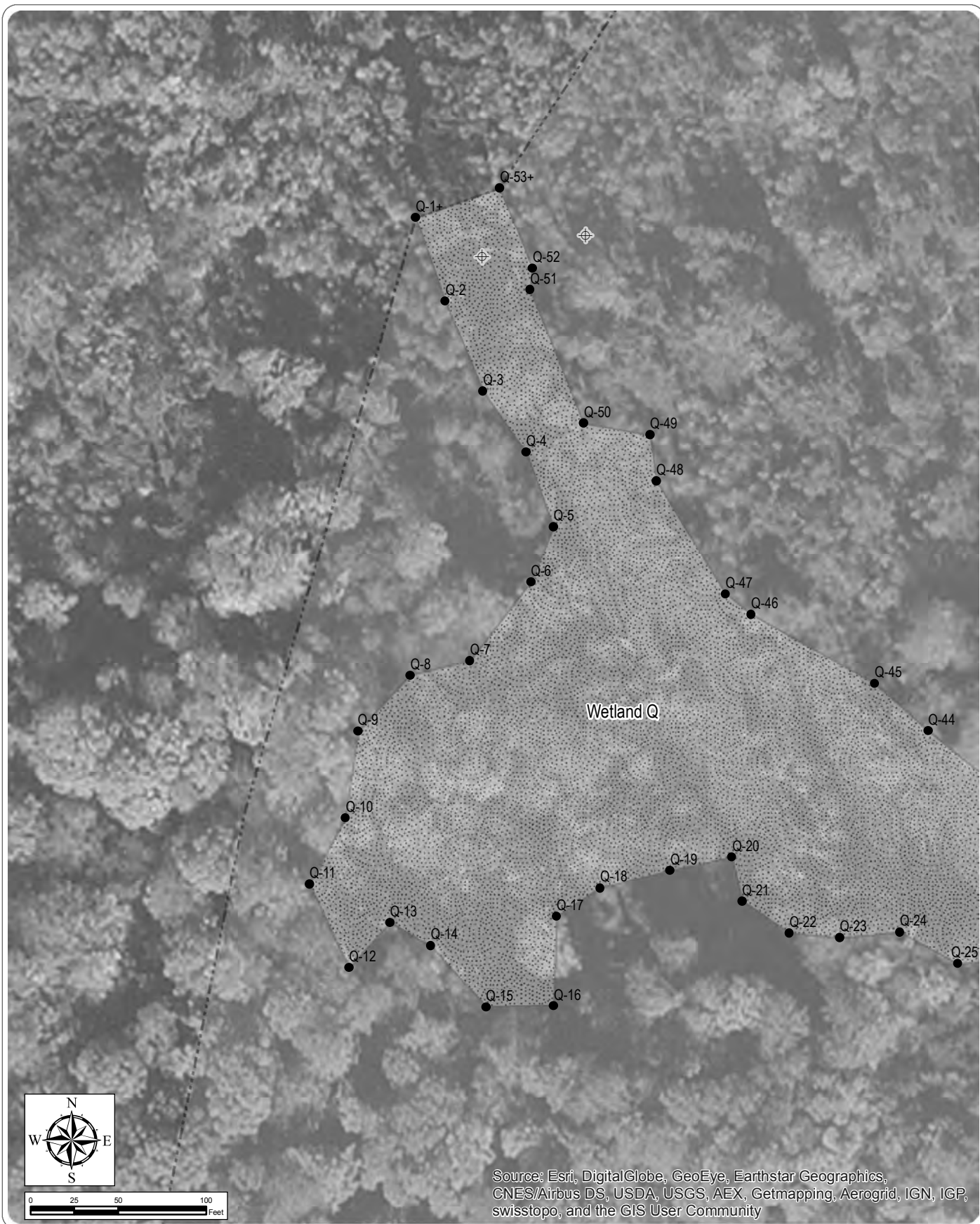
Sheet 35 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

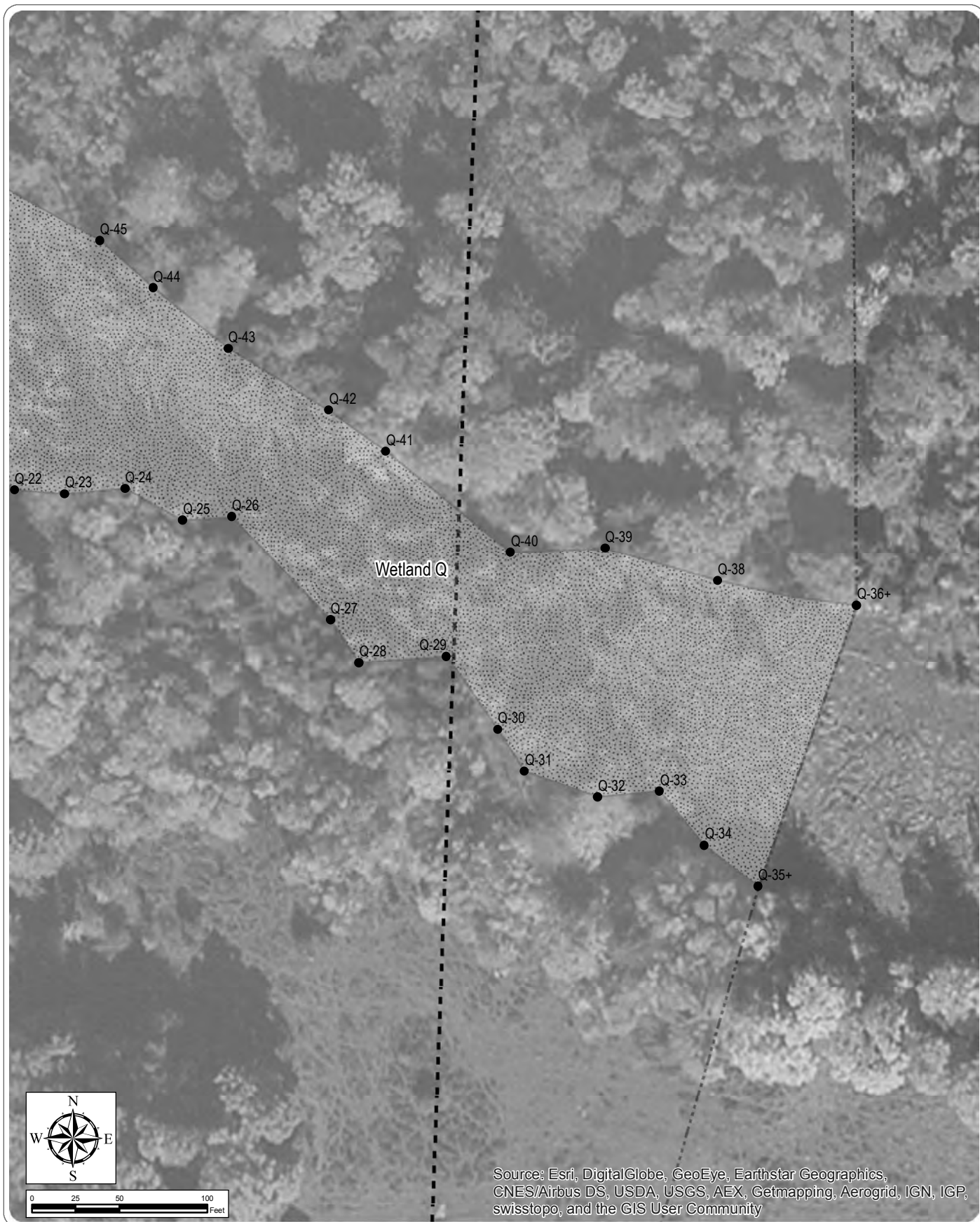
Sheet 37 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

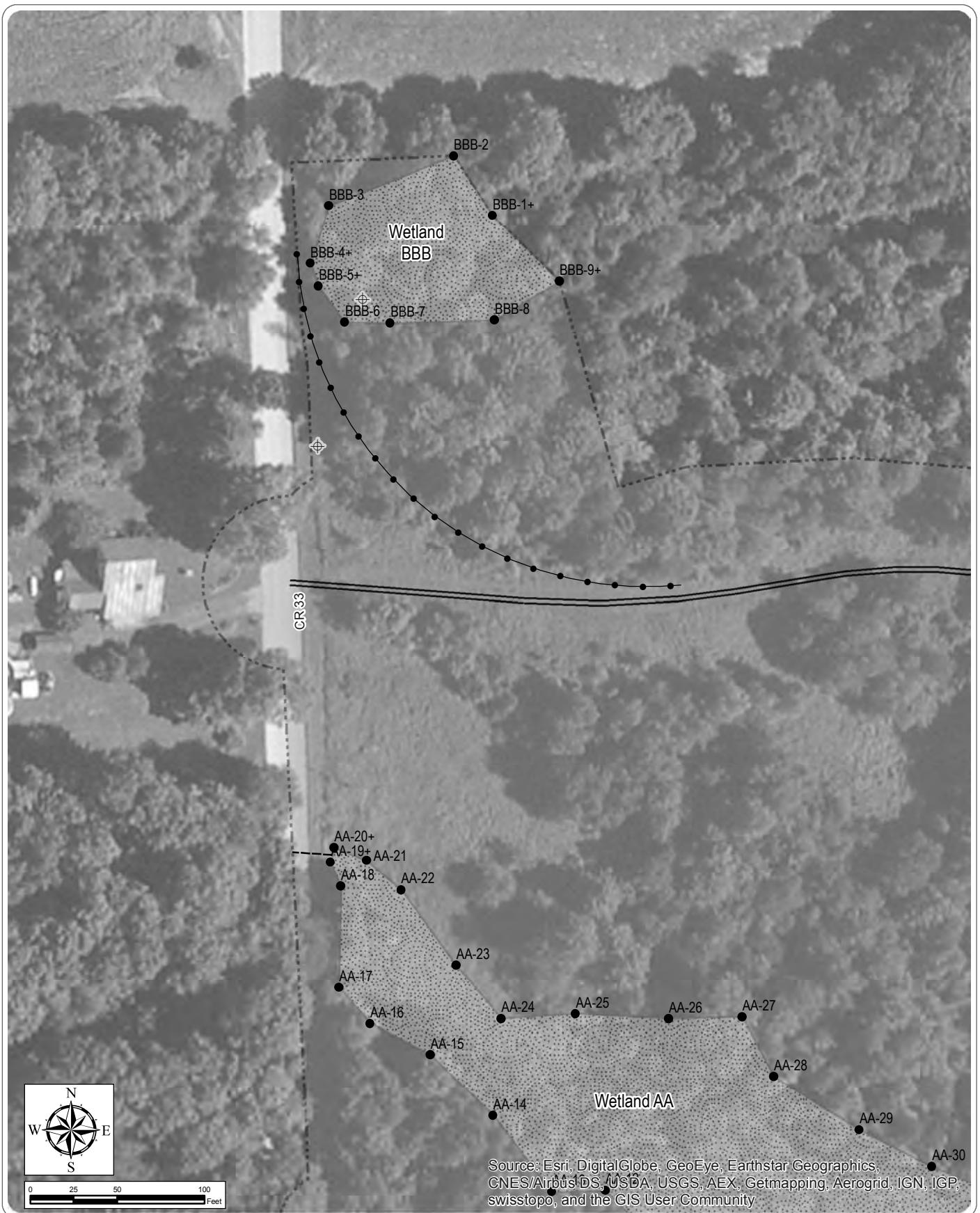
Sheet 38 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

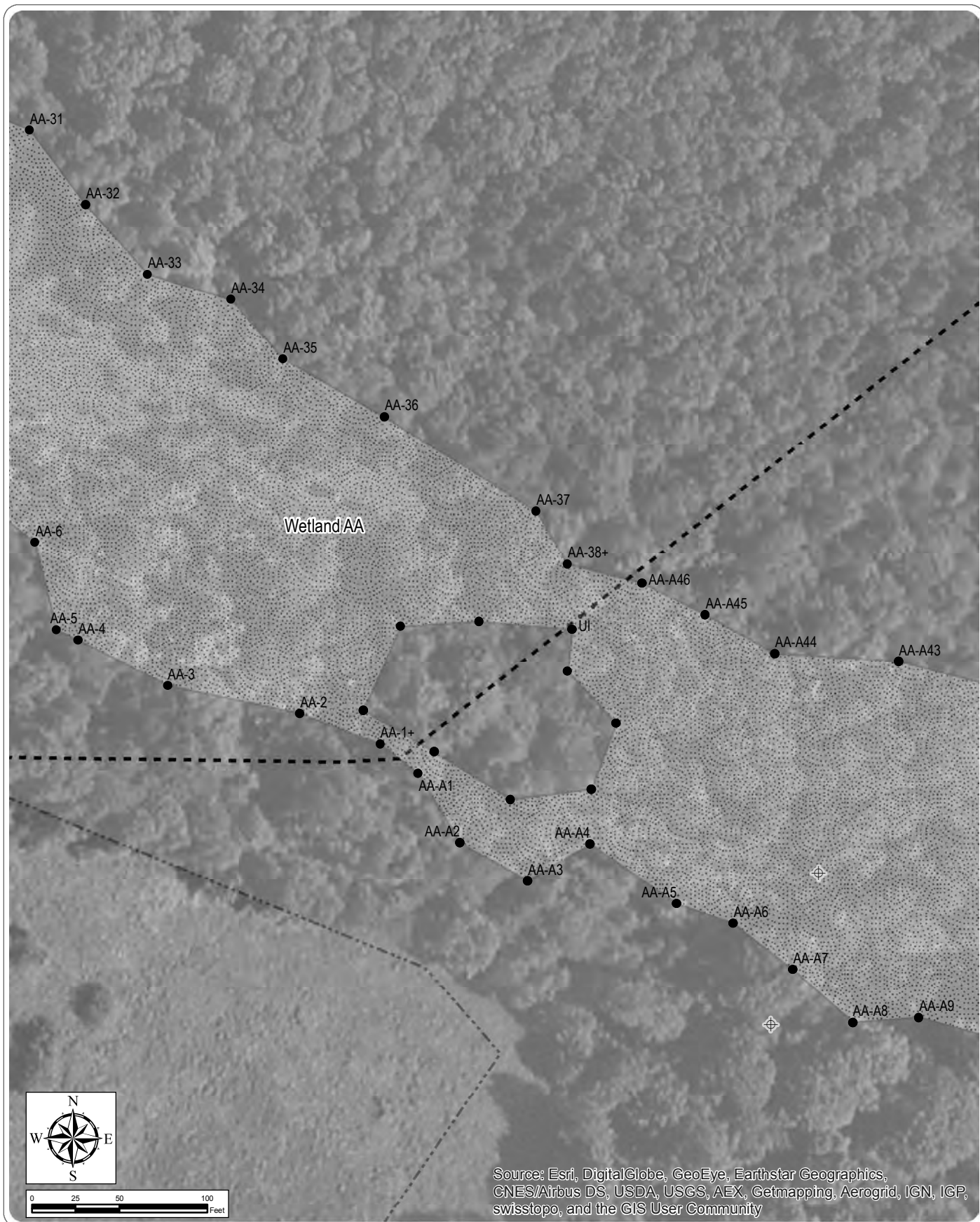
Sheet 39 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

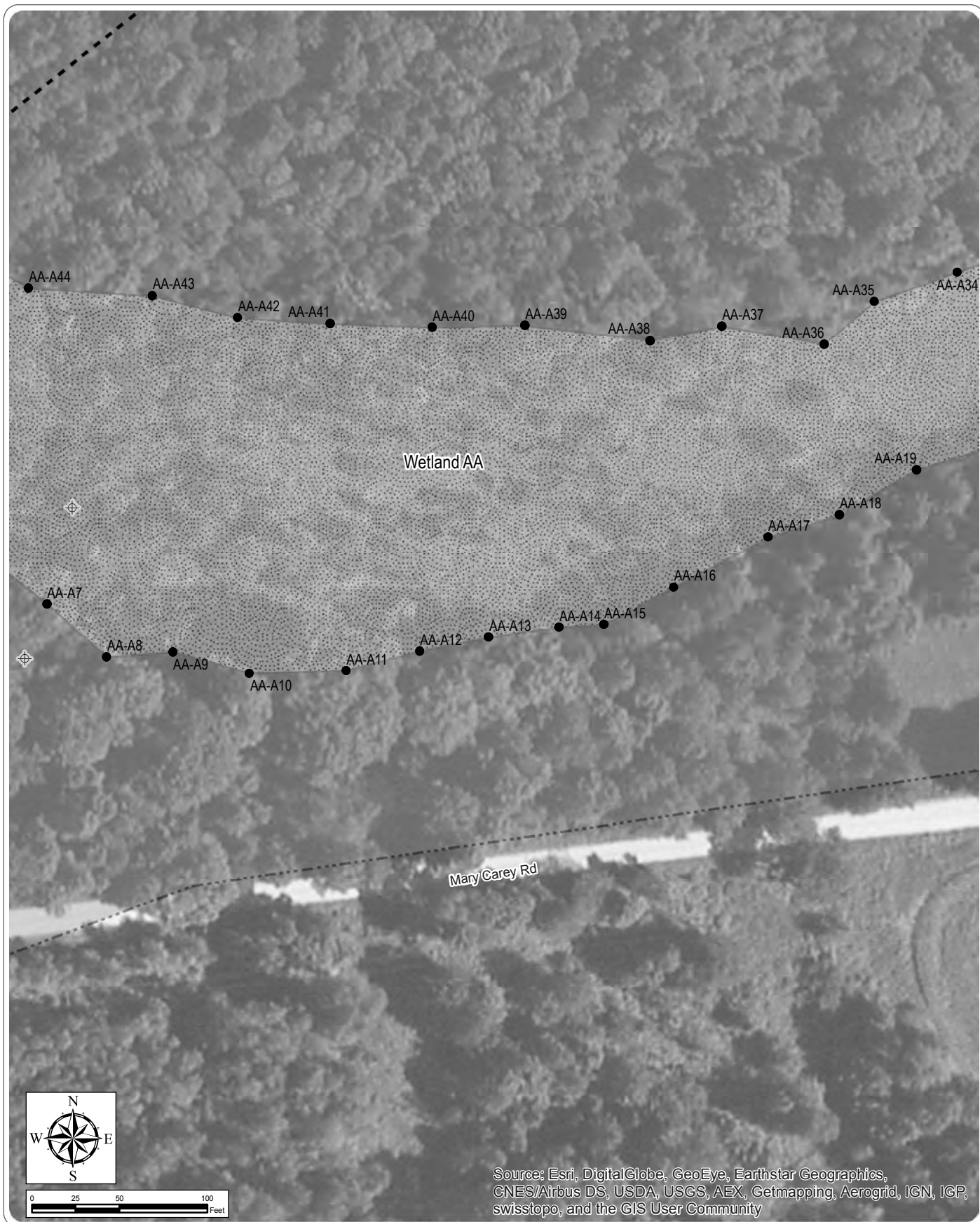
Sheet 41 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

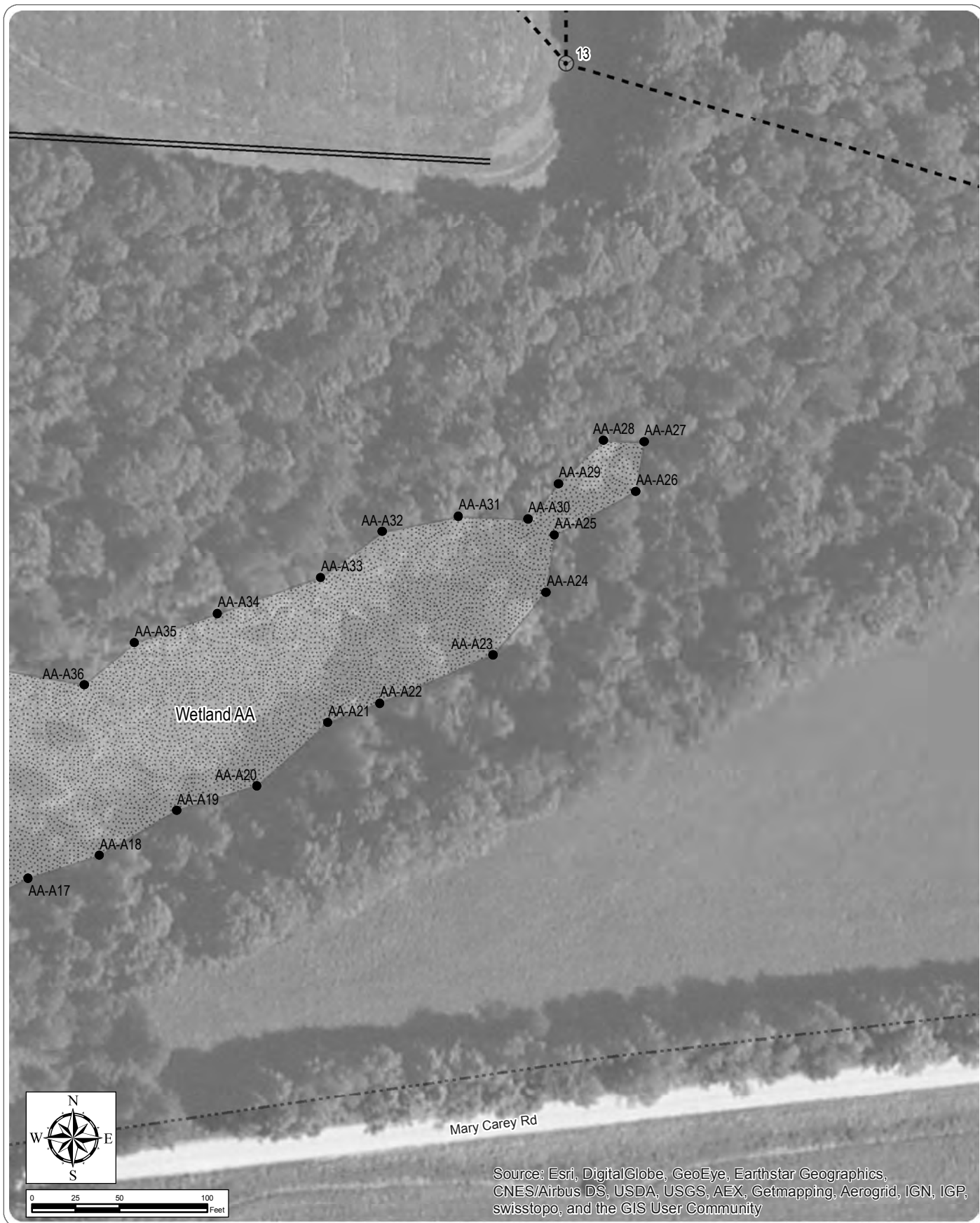
Sheet 42 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▤ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▤ Delineated Wetland
- ▤ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 43 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

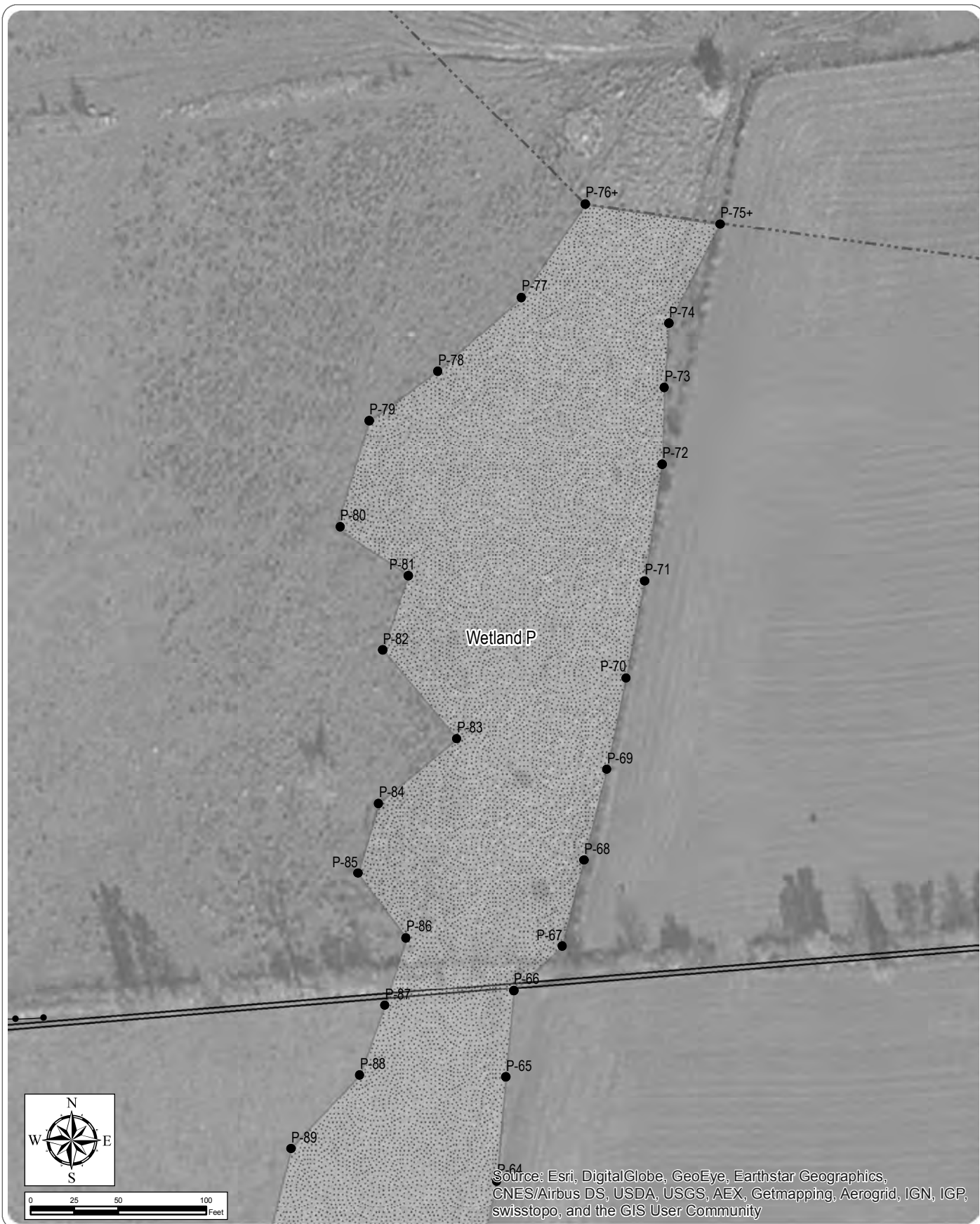
Sheet 44 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- === Access Road
- ⬤ Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

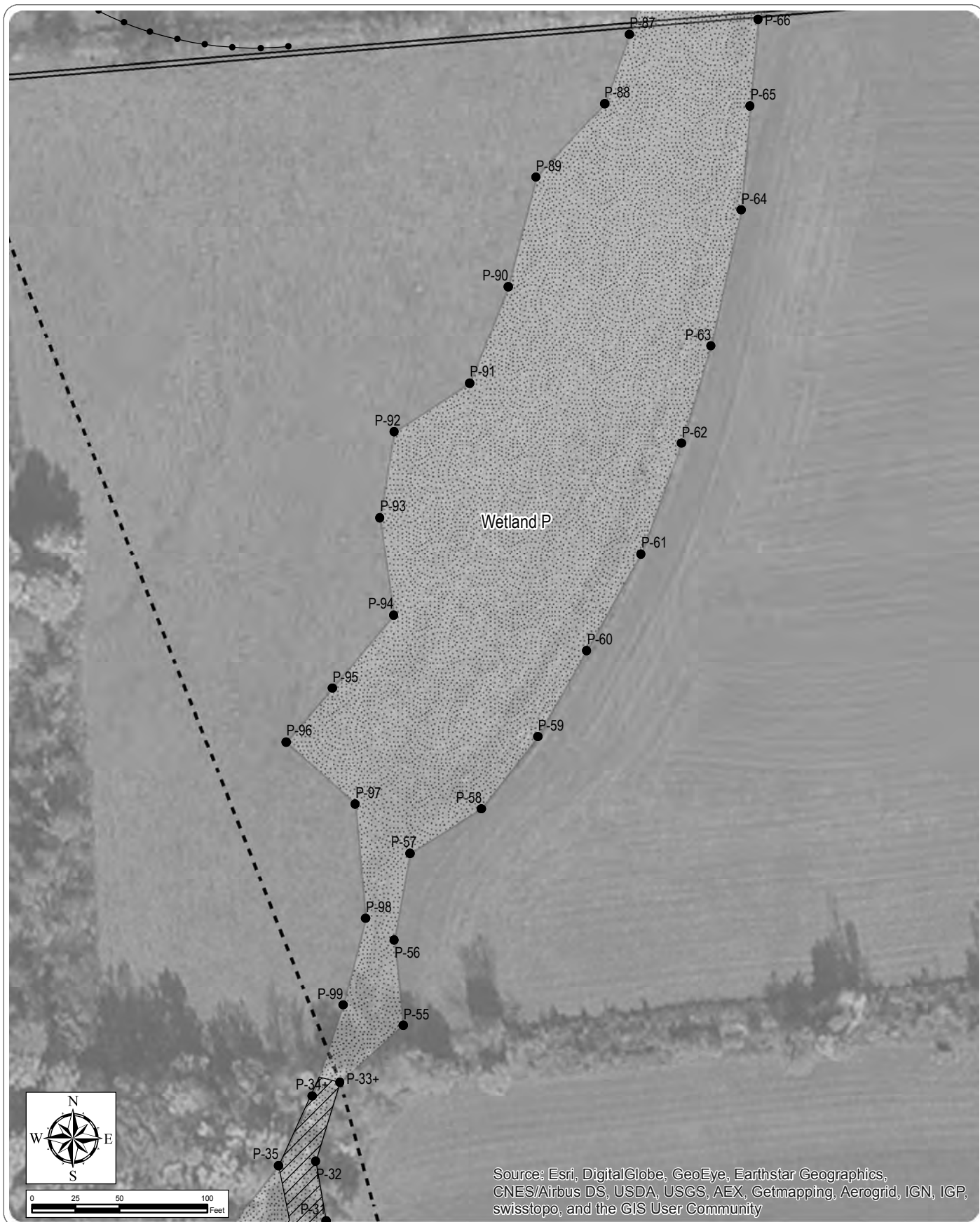
Sheet 45 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

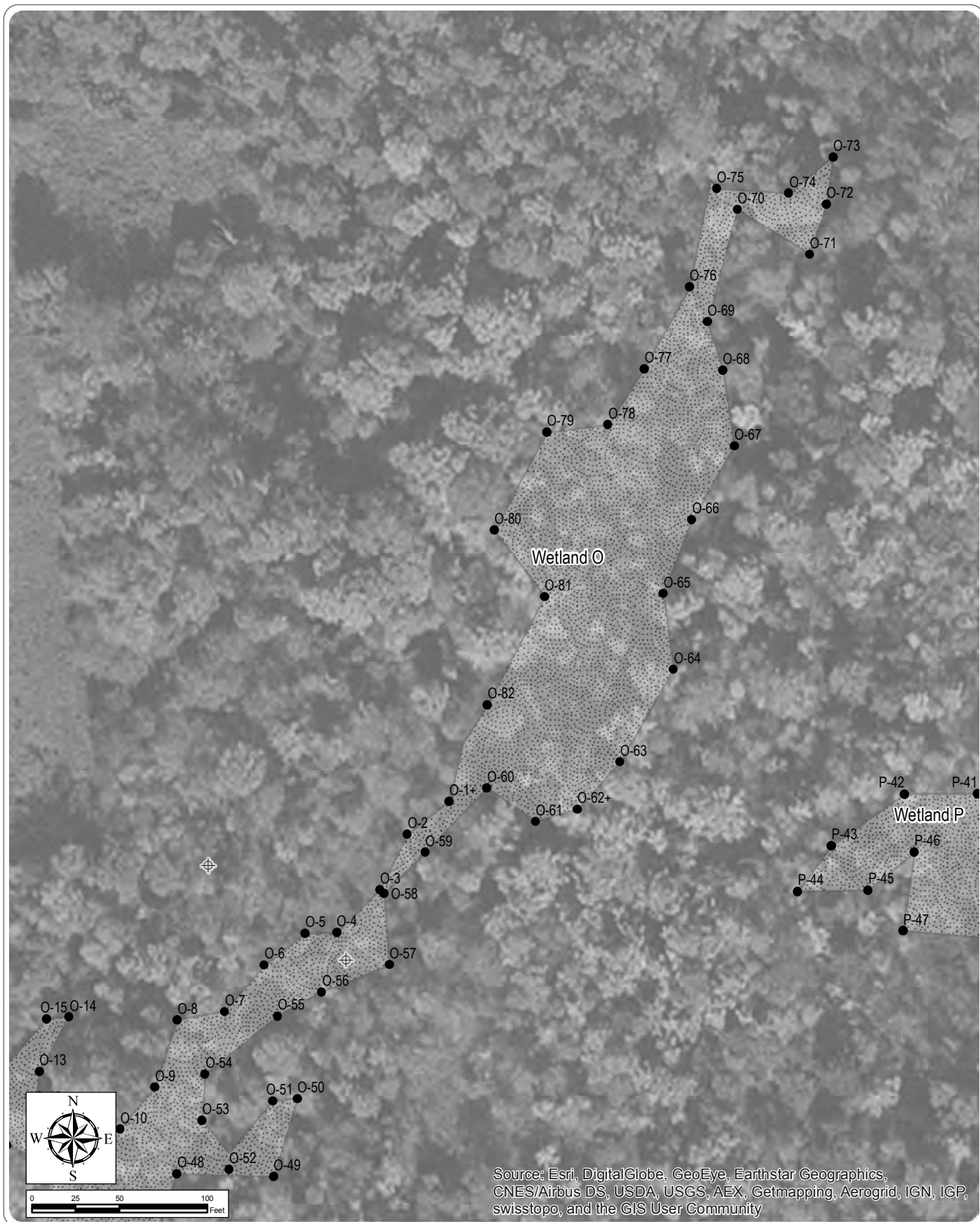
Sheet 46 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

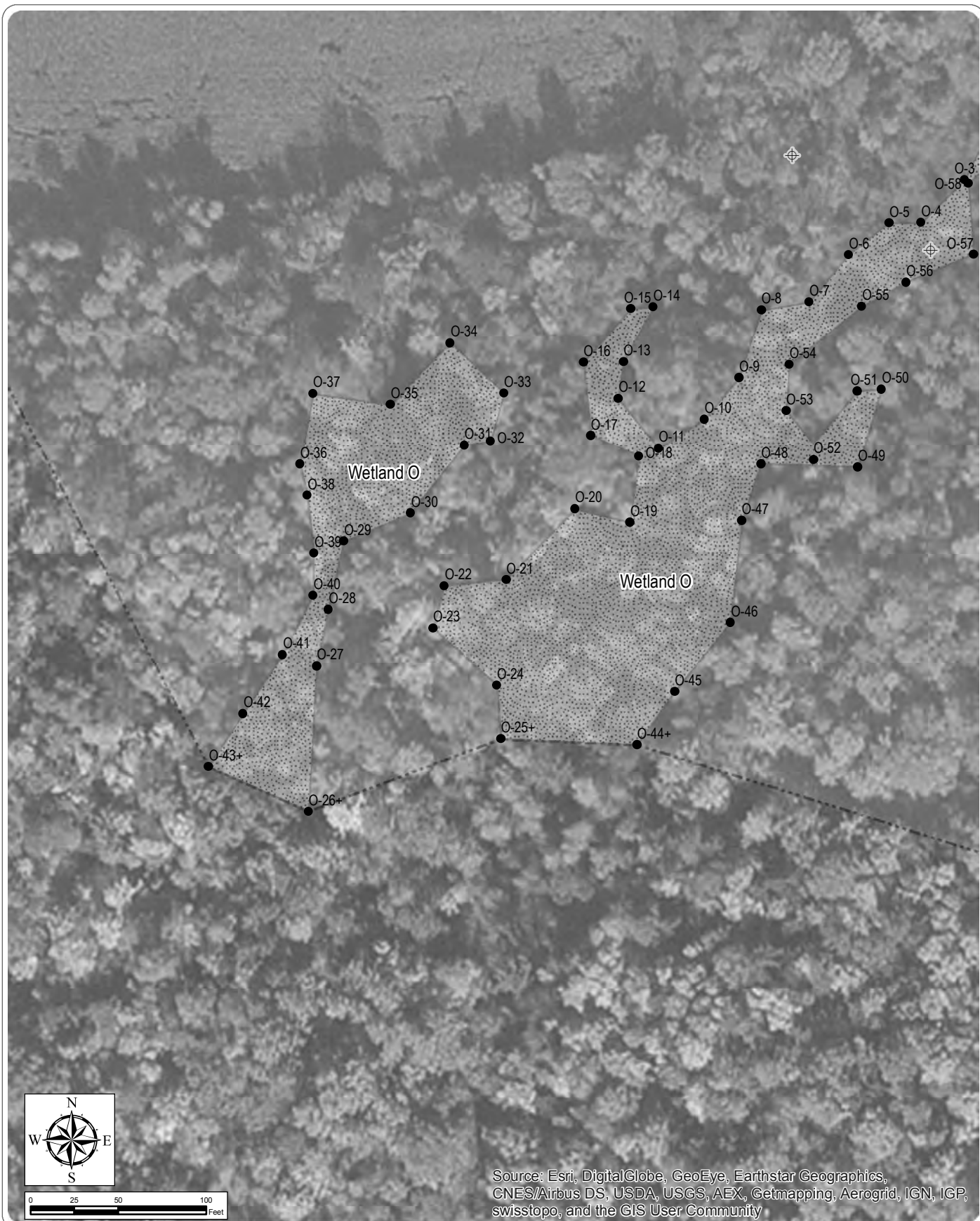
Sheet 47 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Diagonal Lines Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

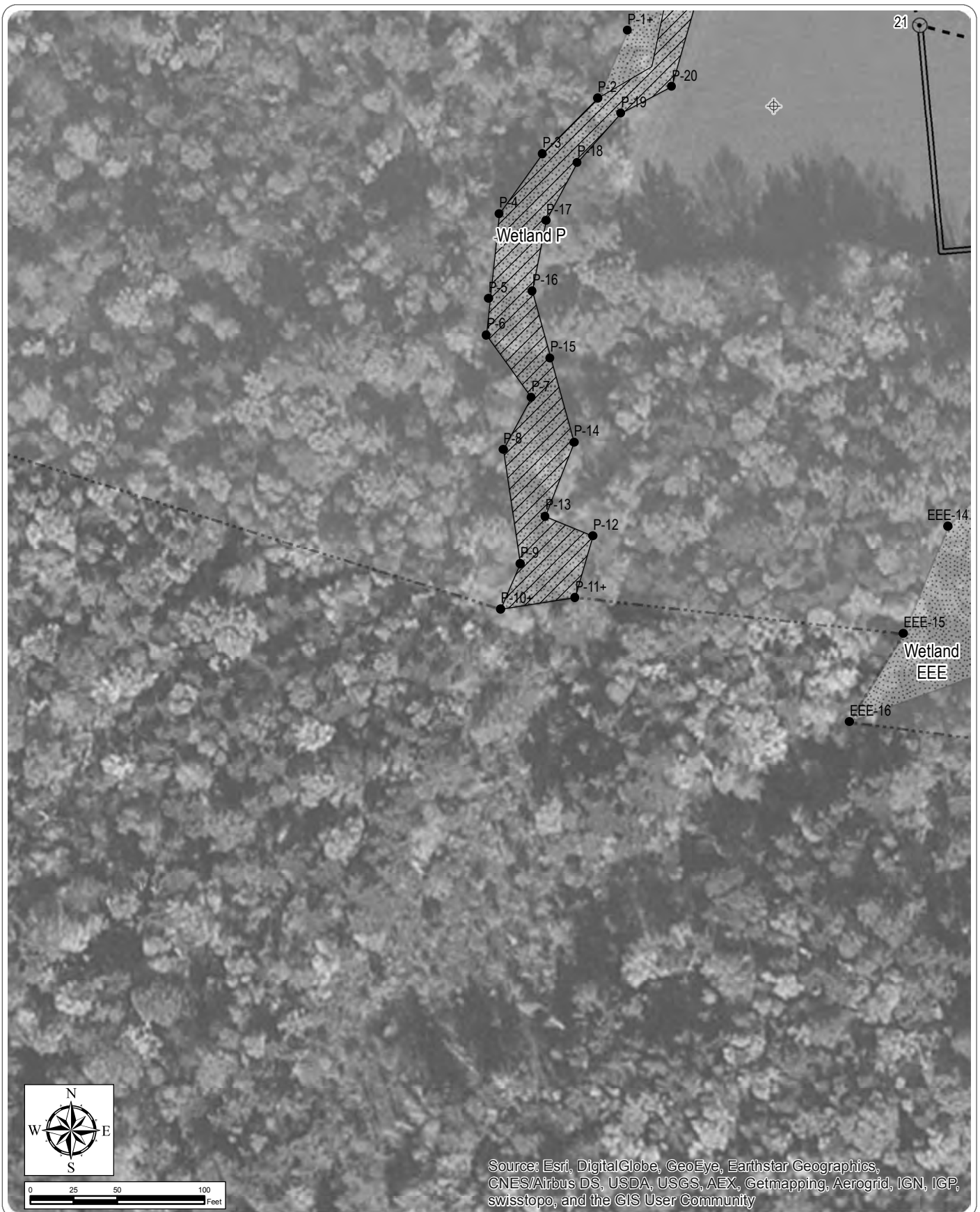
Sheet 48 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ●-● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

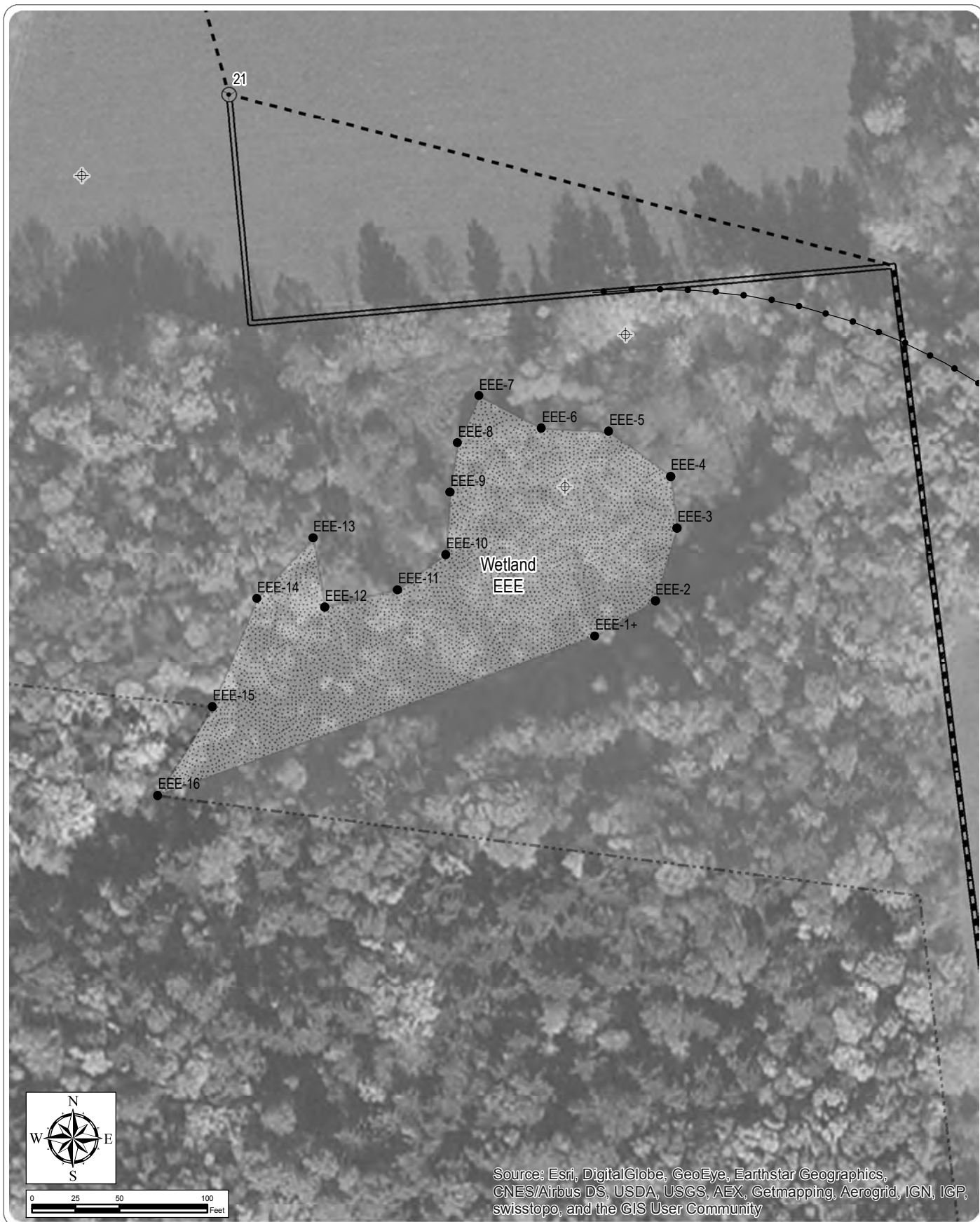
Sheet 50 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▤ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 51 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

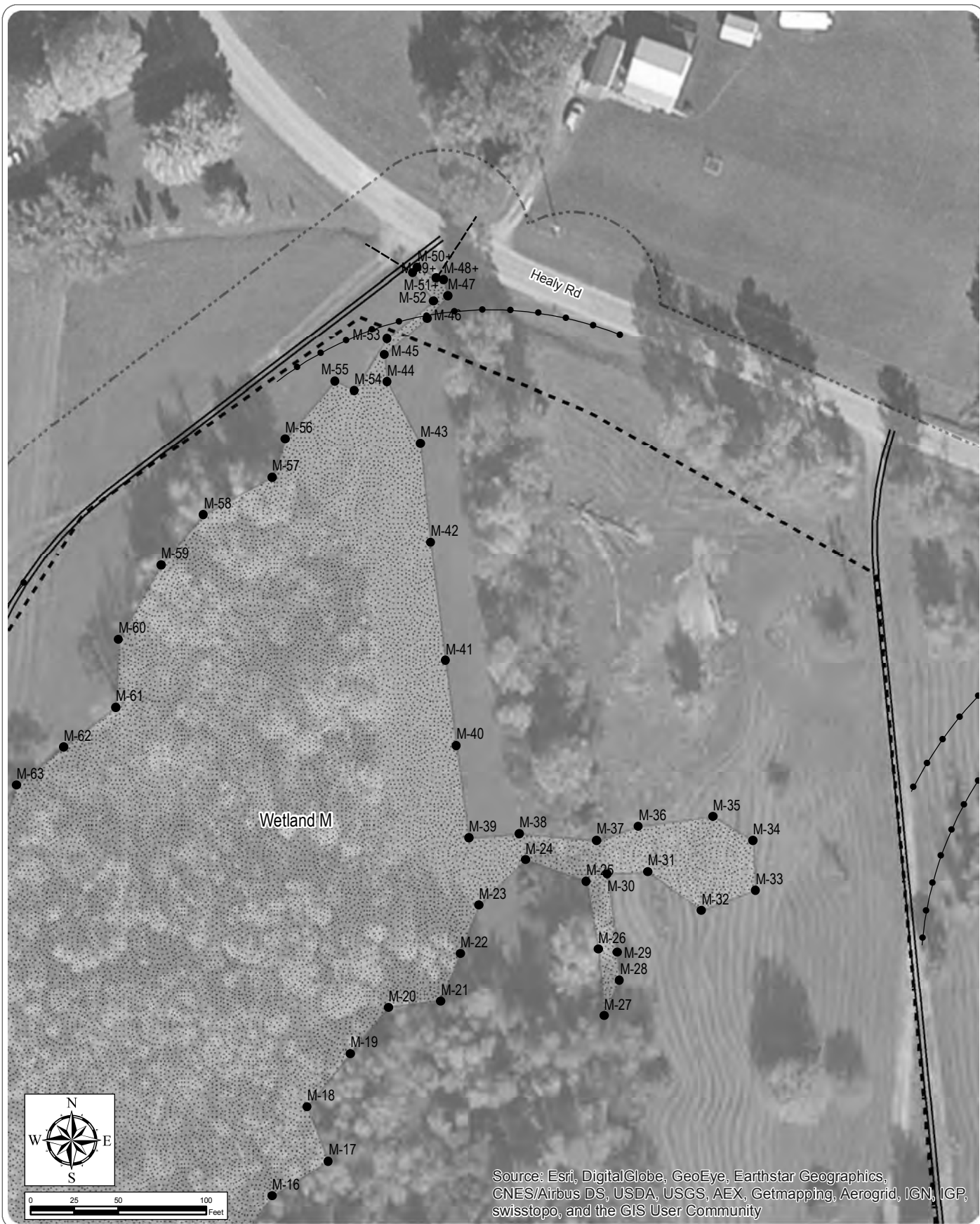
Sheet 52 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|--------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

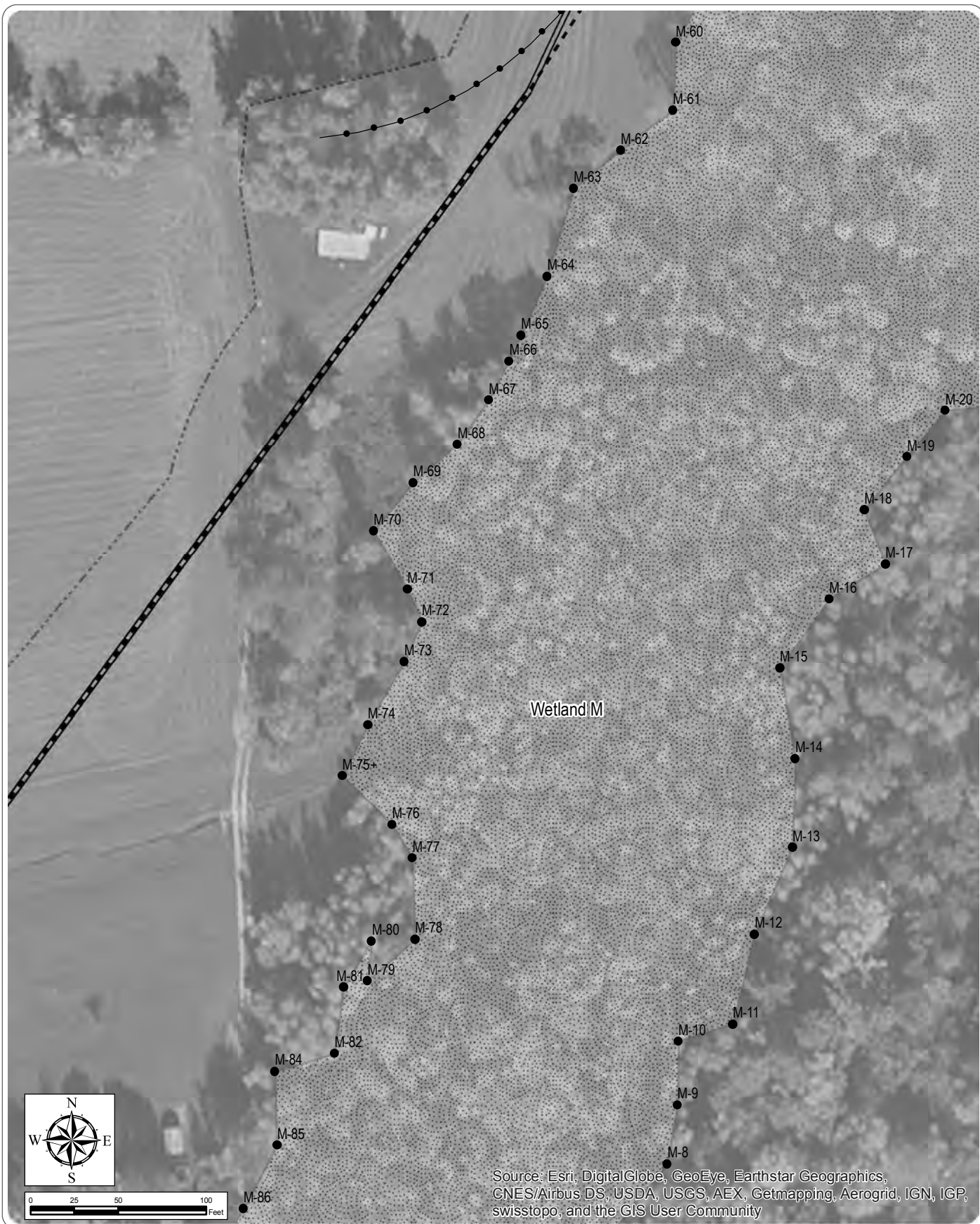
Sheet 53 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

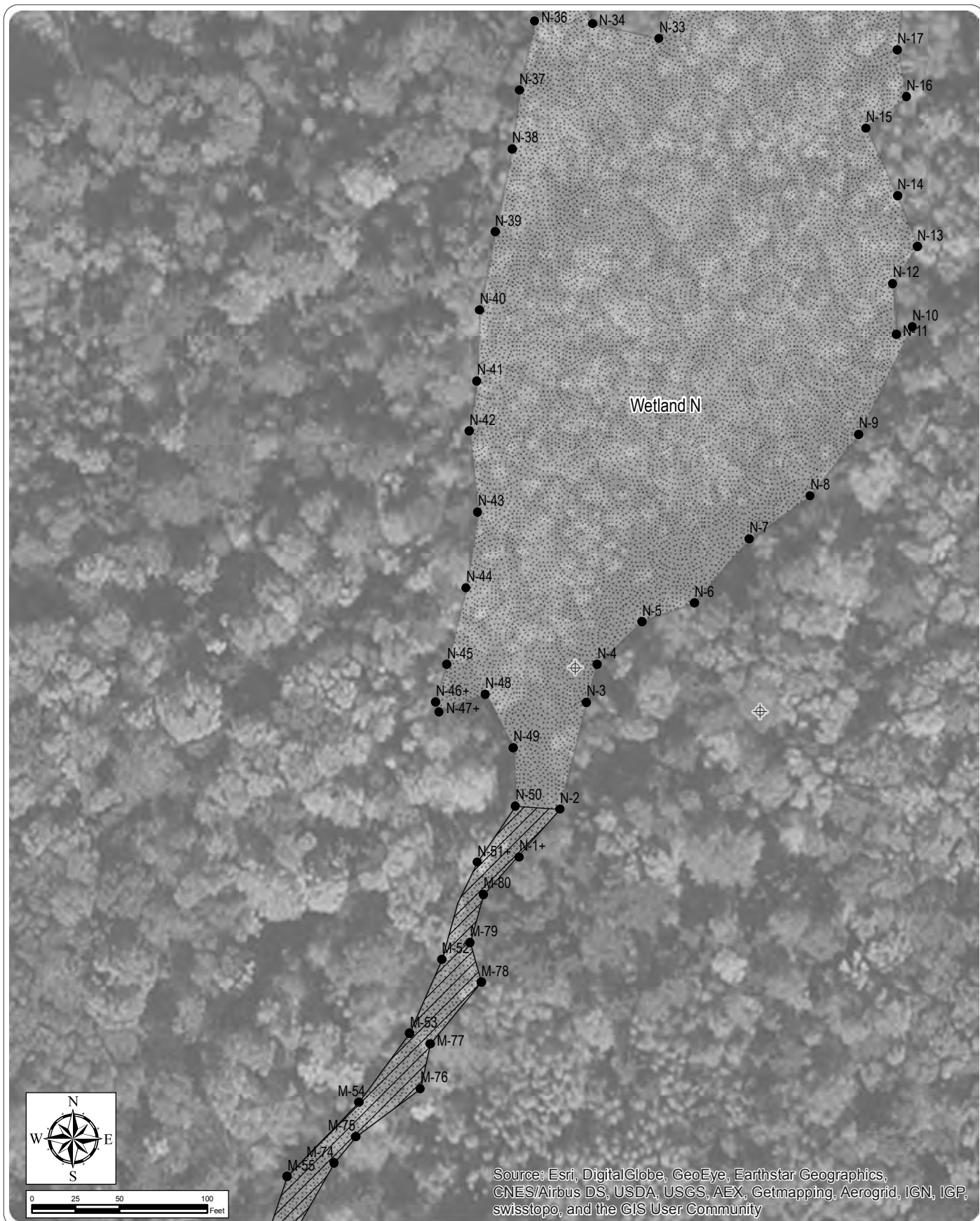
Sheet 54 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

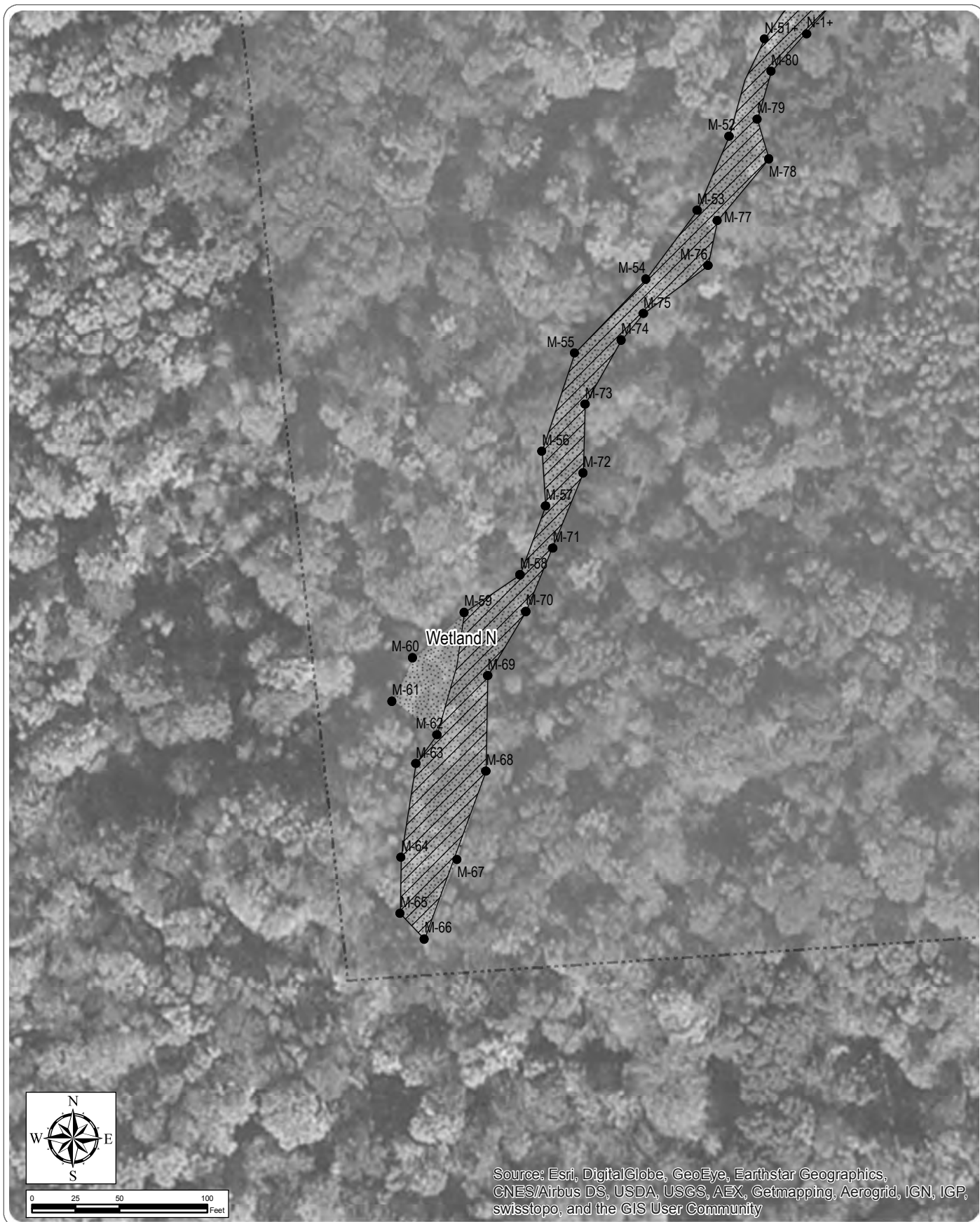
Sheet 56 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

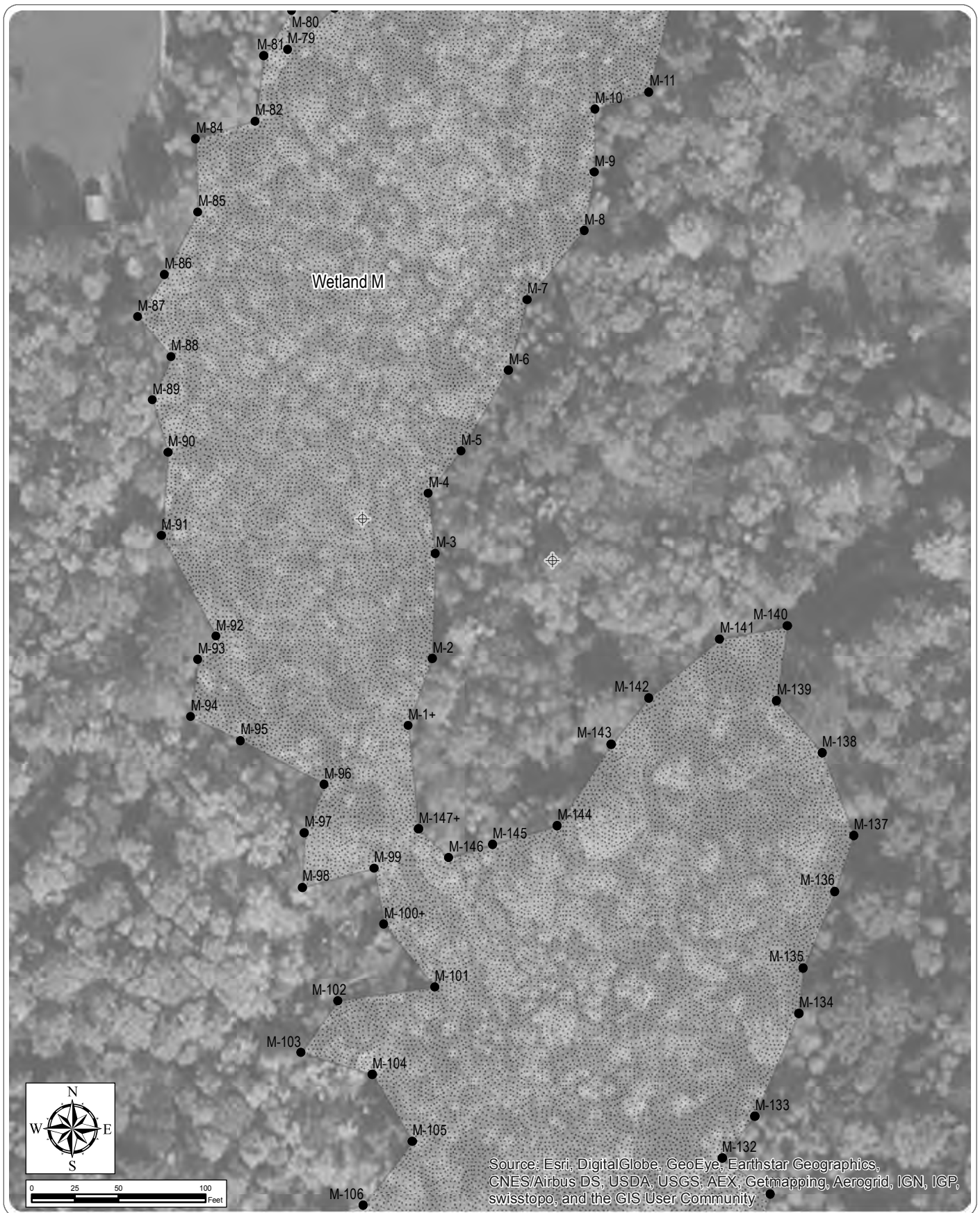
September 2015

Sheet 57 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.
 3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

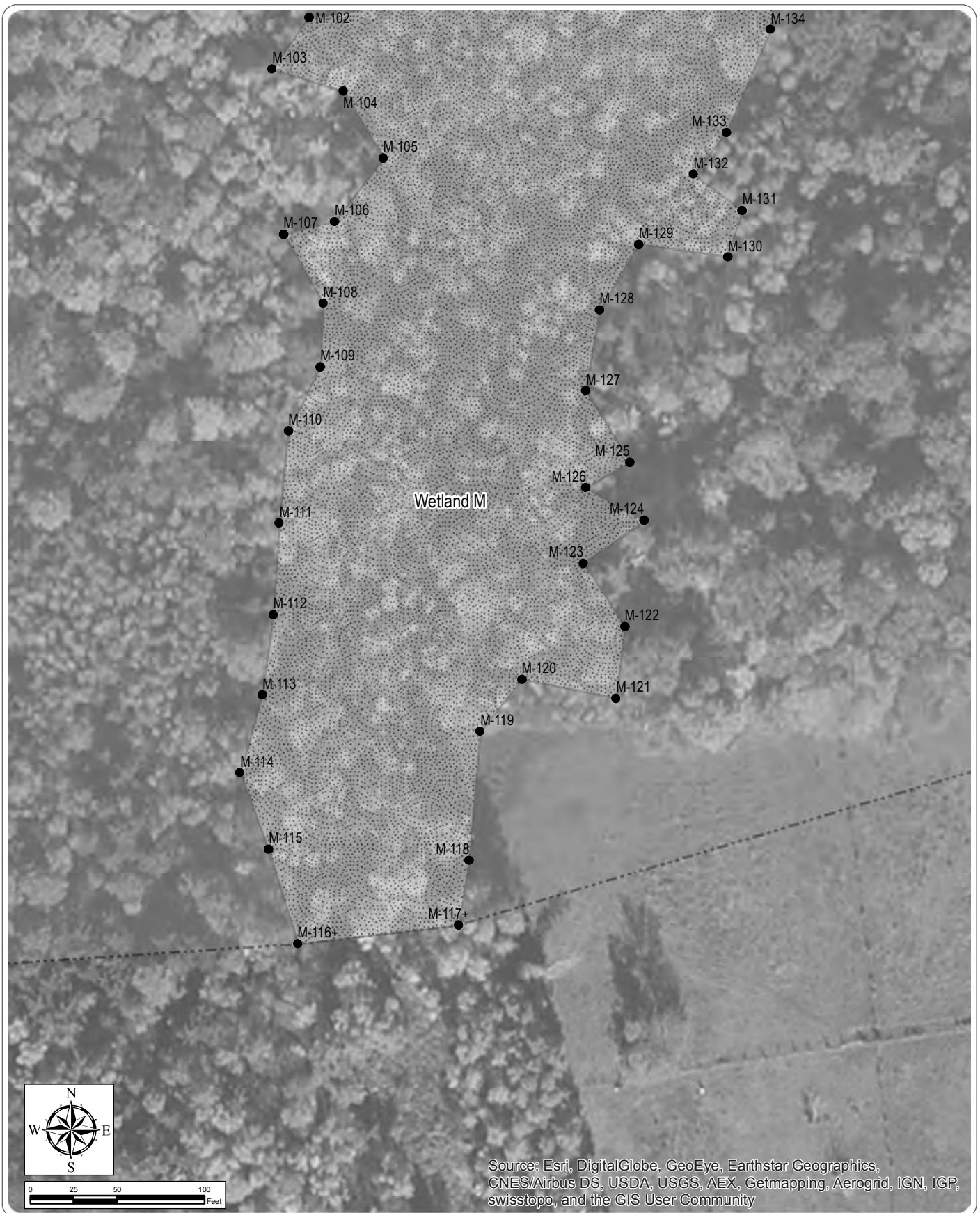
Sheet 58 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 59 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

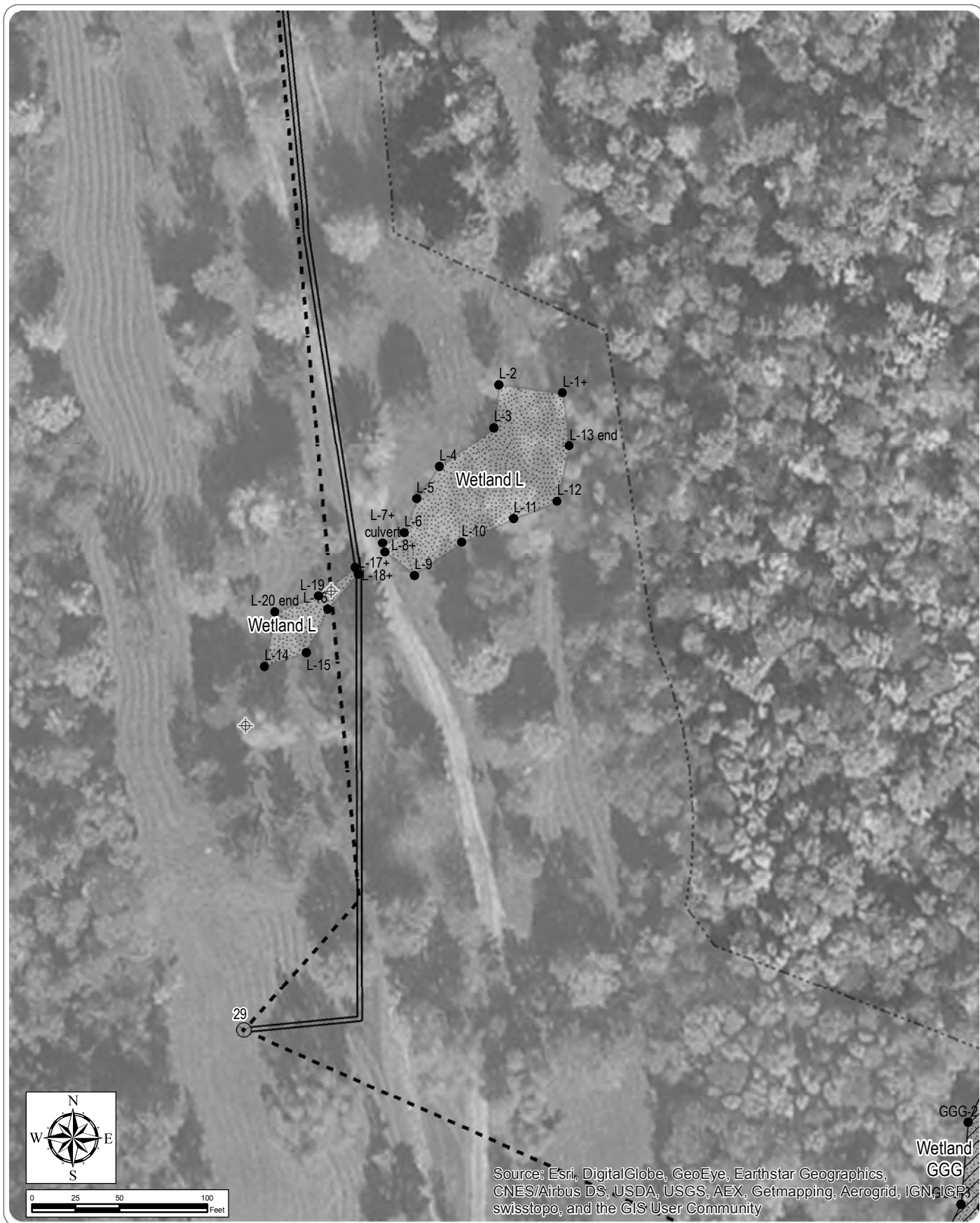
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



www.edrdpc.com



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 60 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

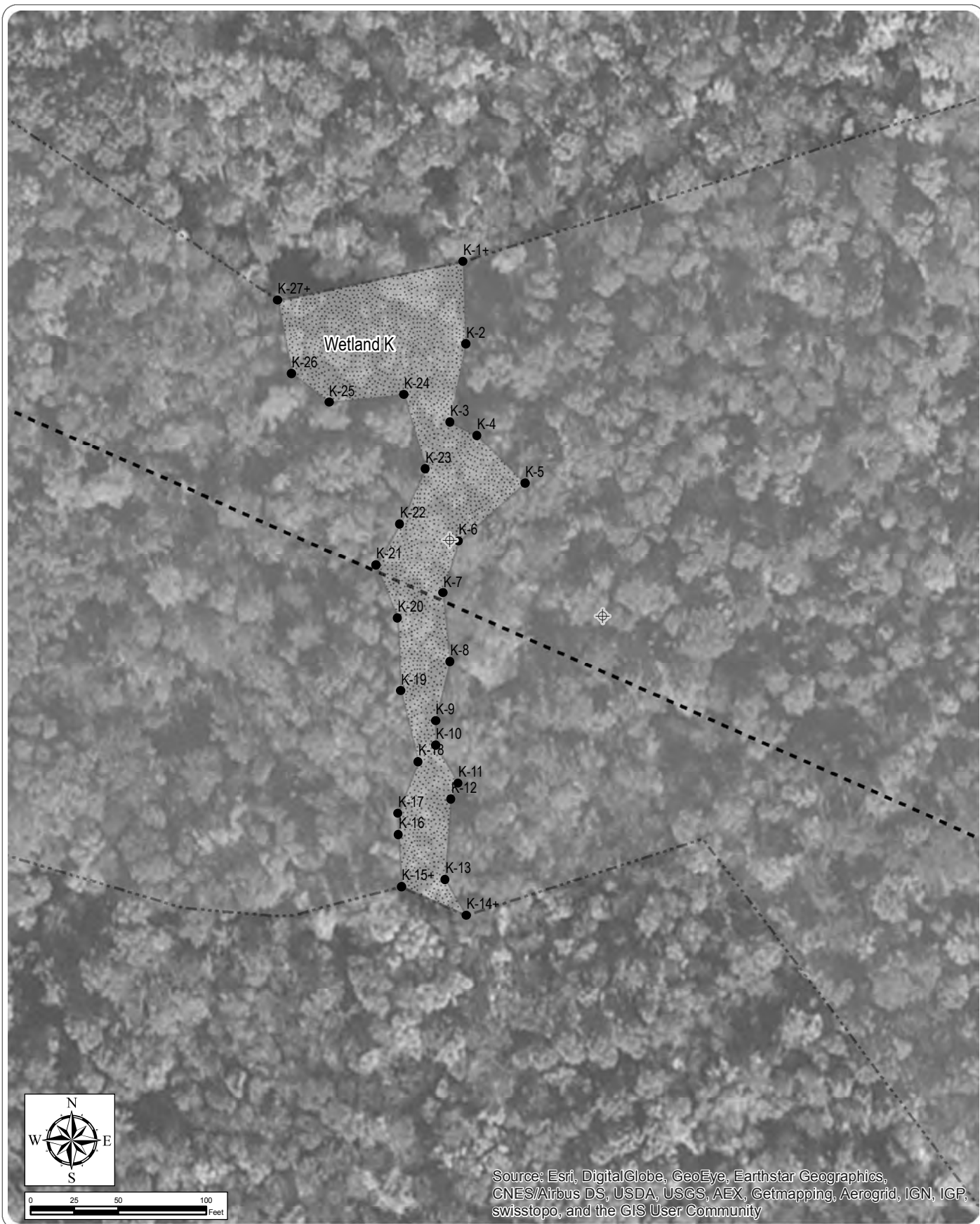
Sheet 61 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▤ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

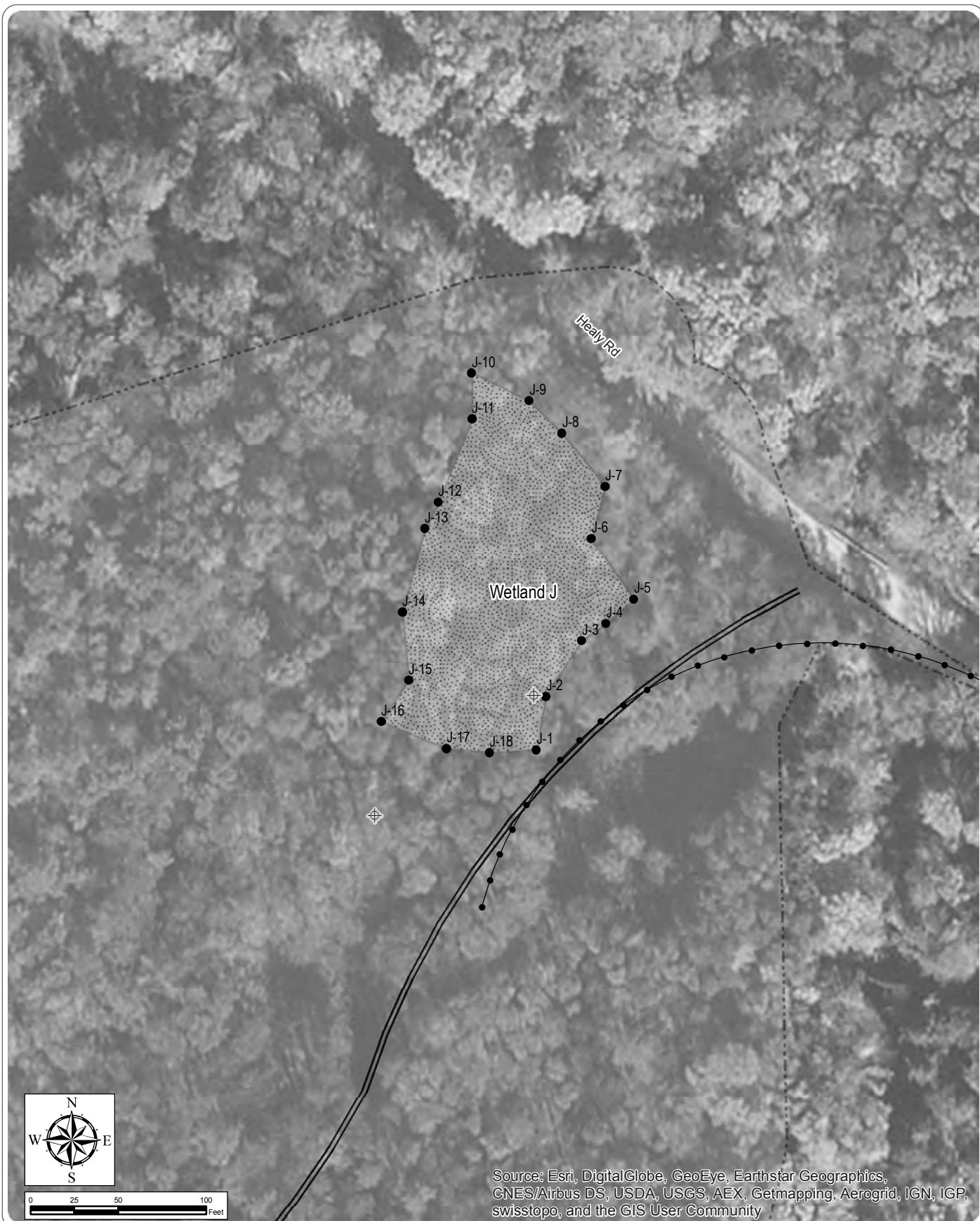
Sheet 62 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

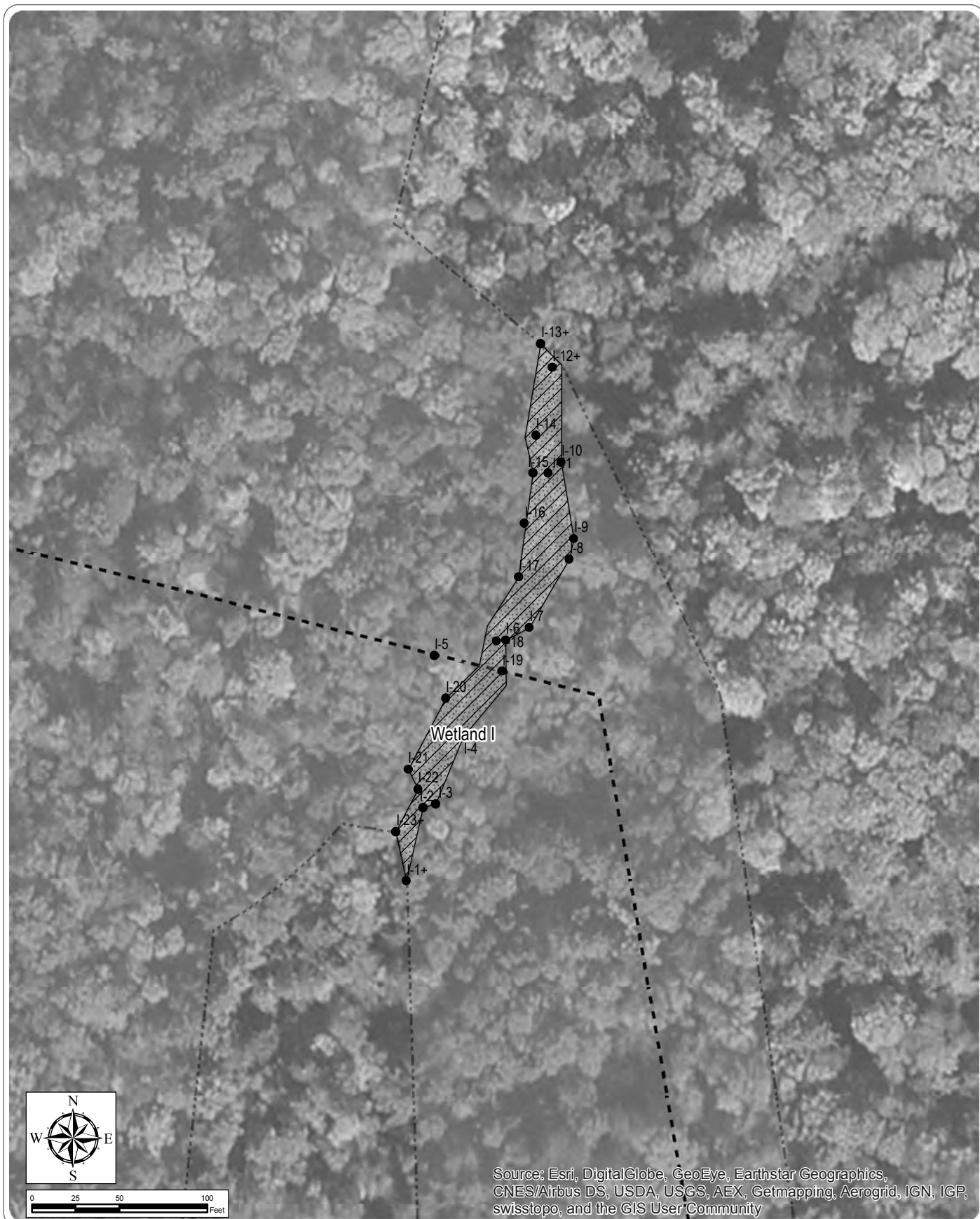
Sheet 63 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

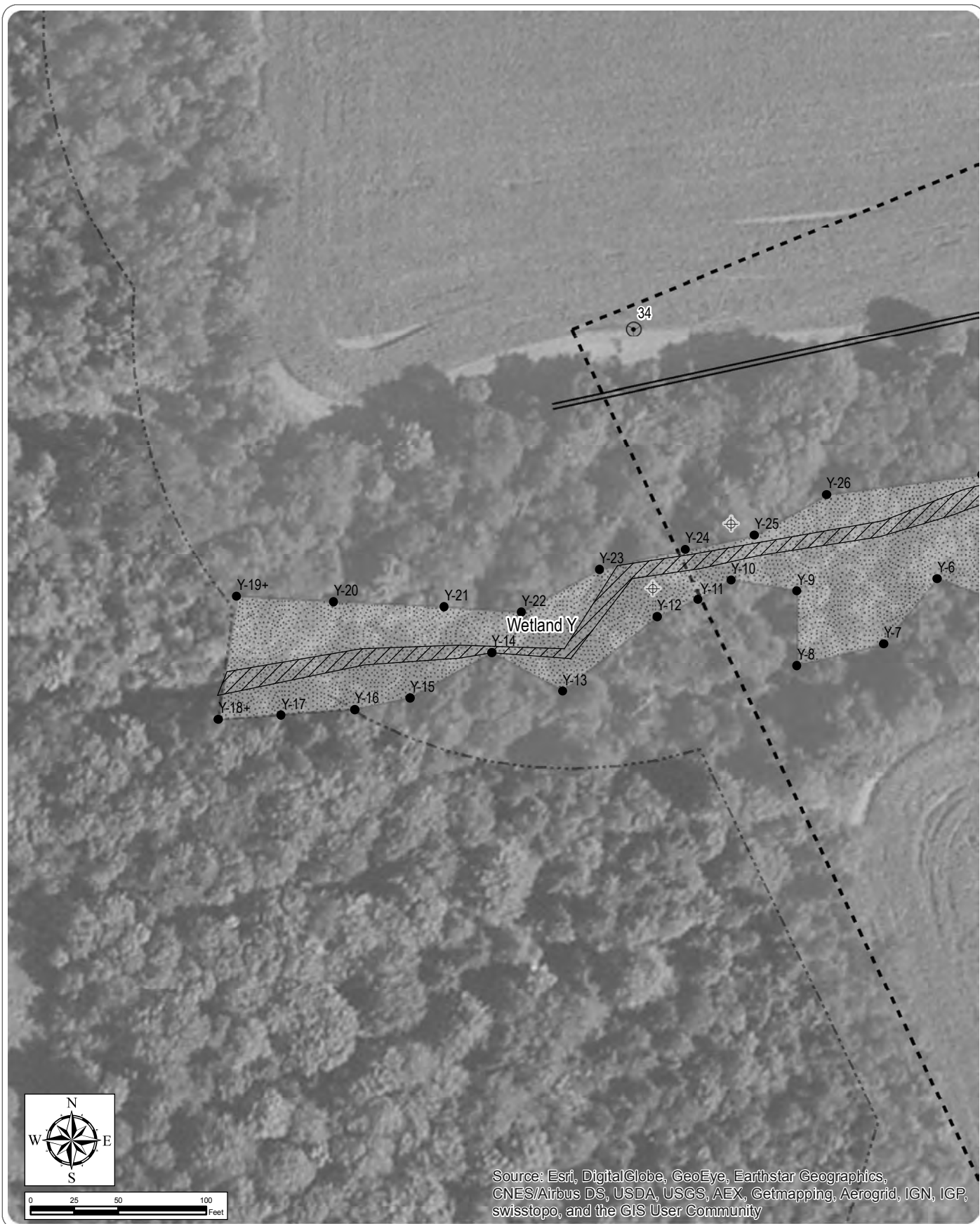
Sheet 64 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

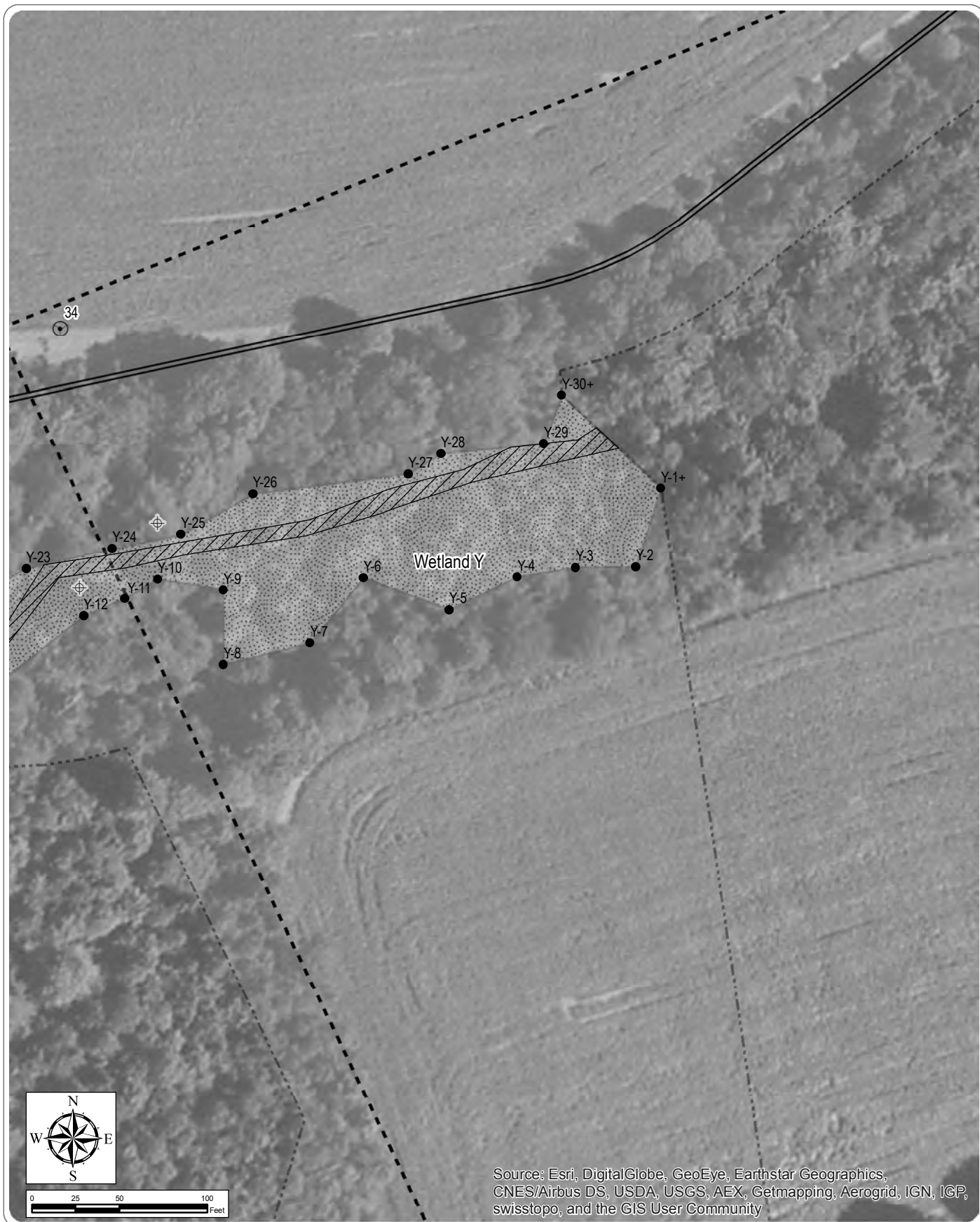
Sheet 65 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

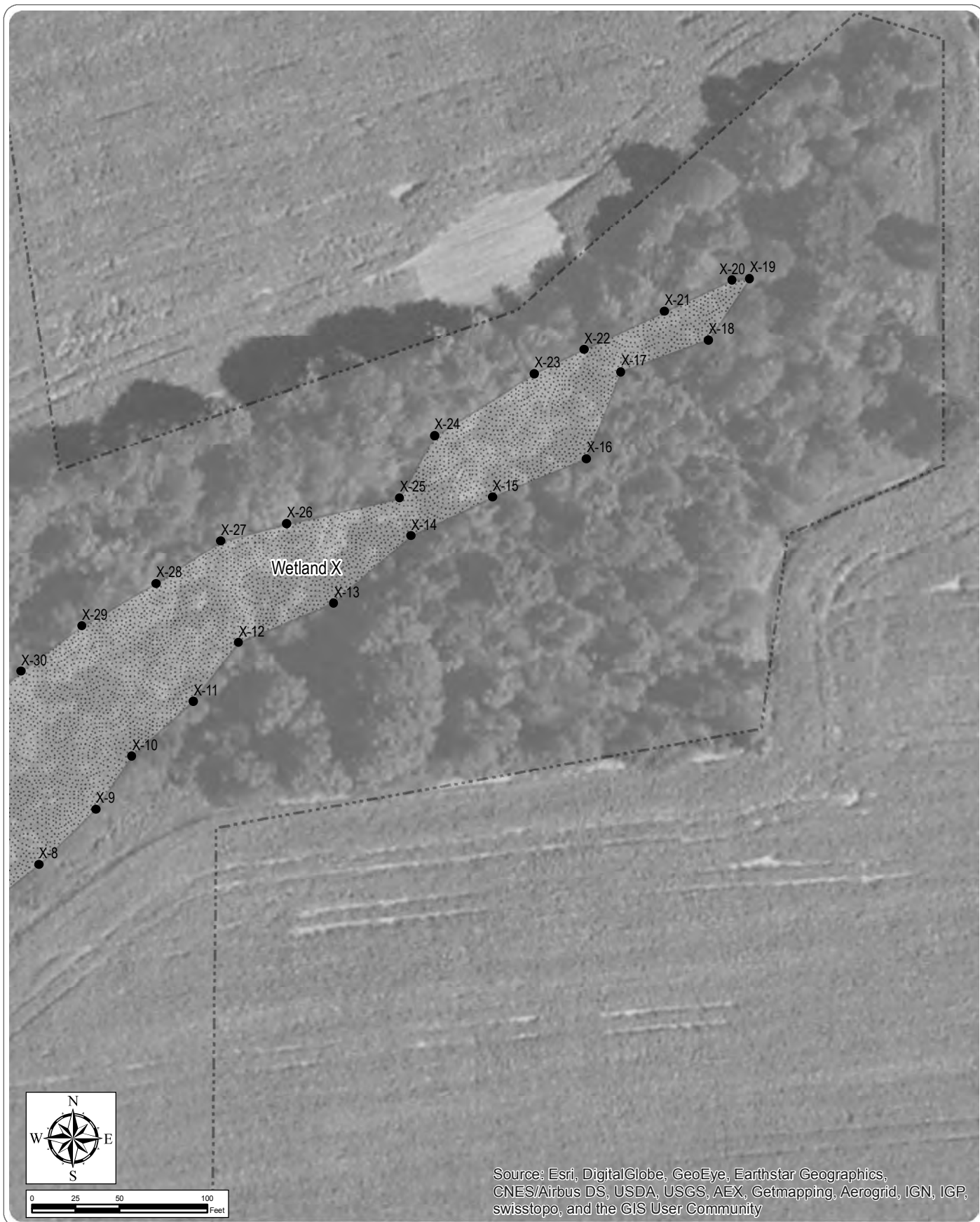
Sheet 66 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

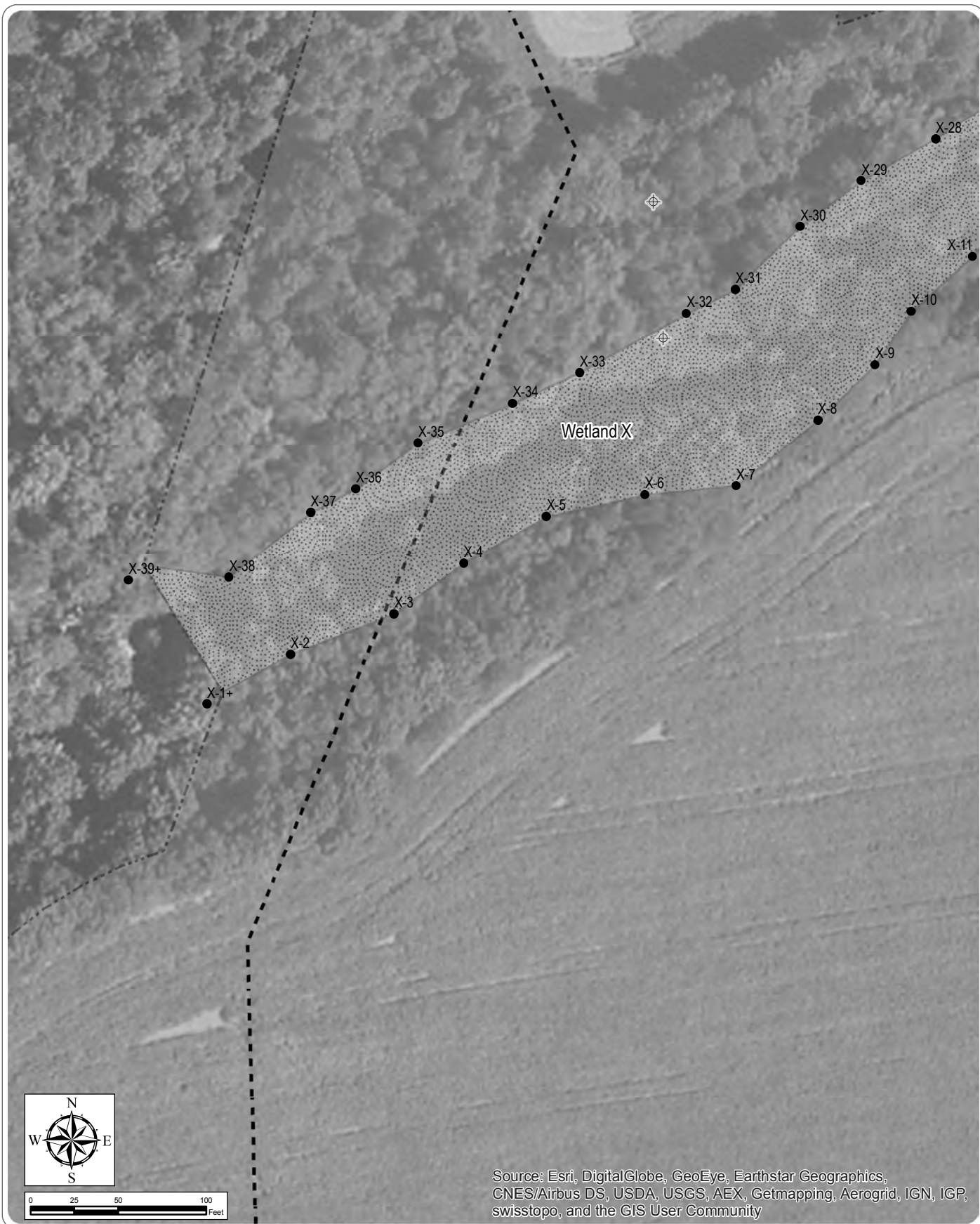
Sheet 67 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

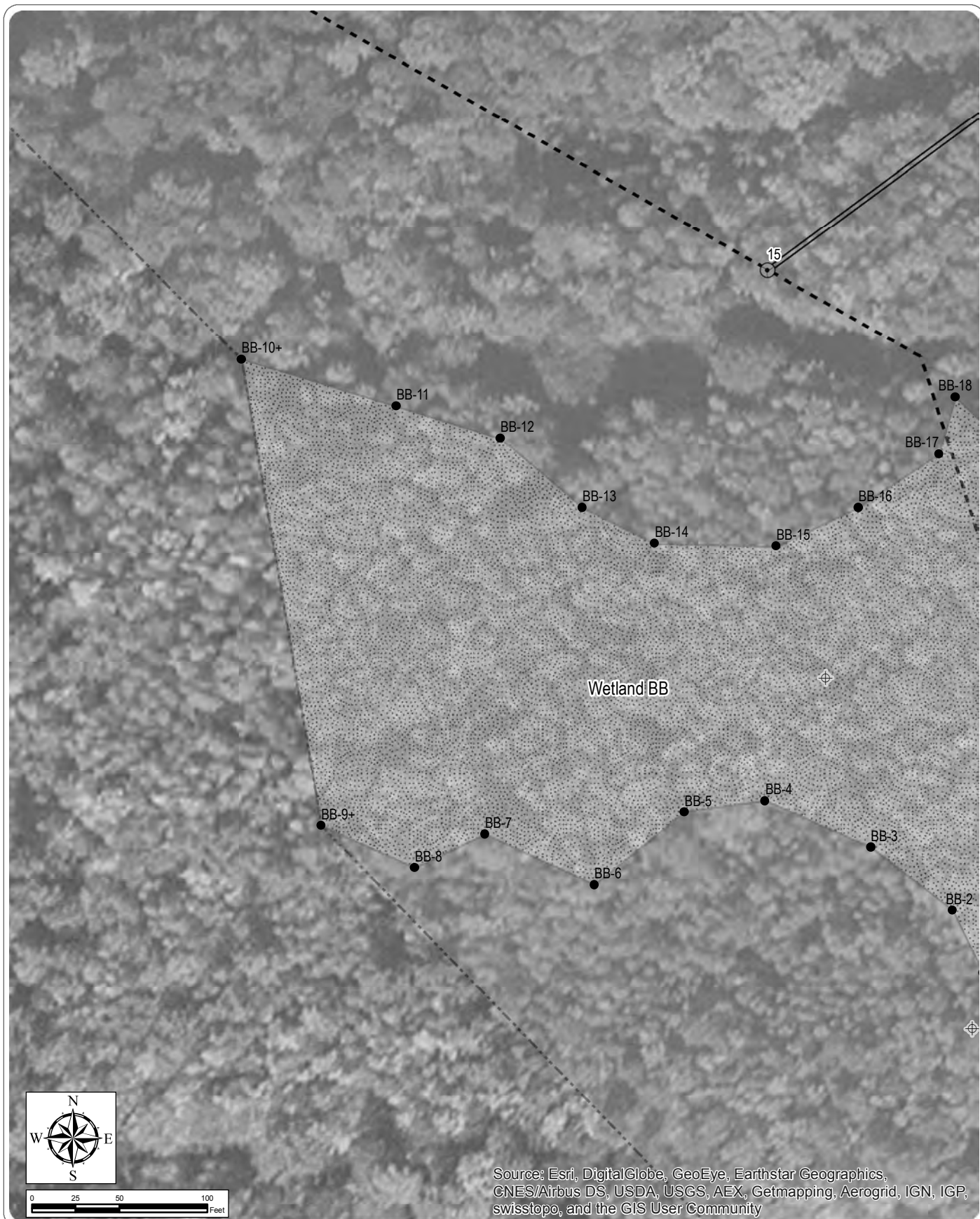
Sheet 68 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

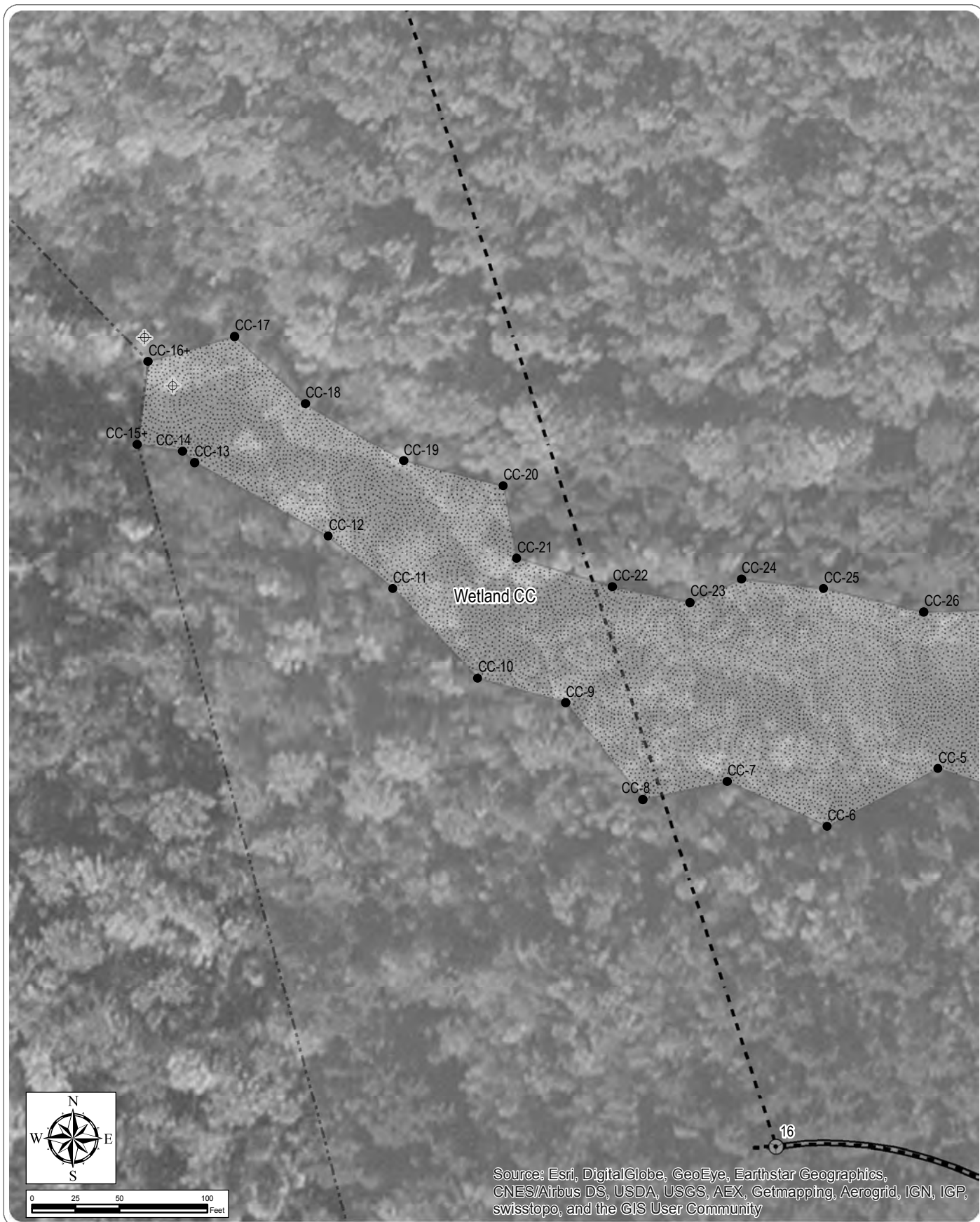
Sheet 69 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

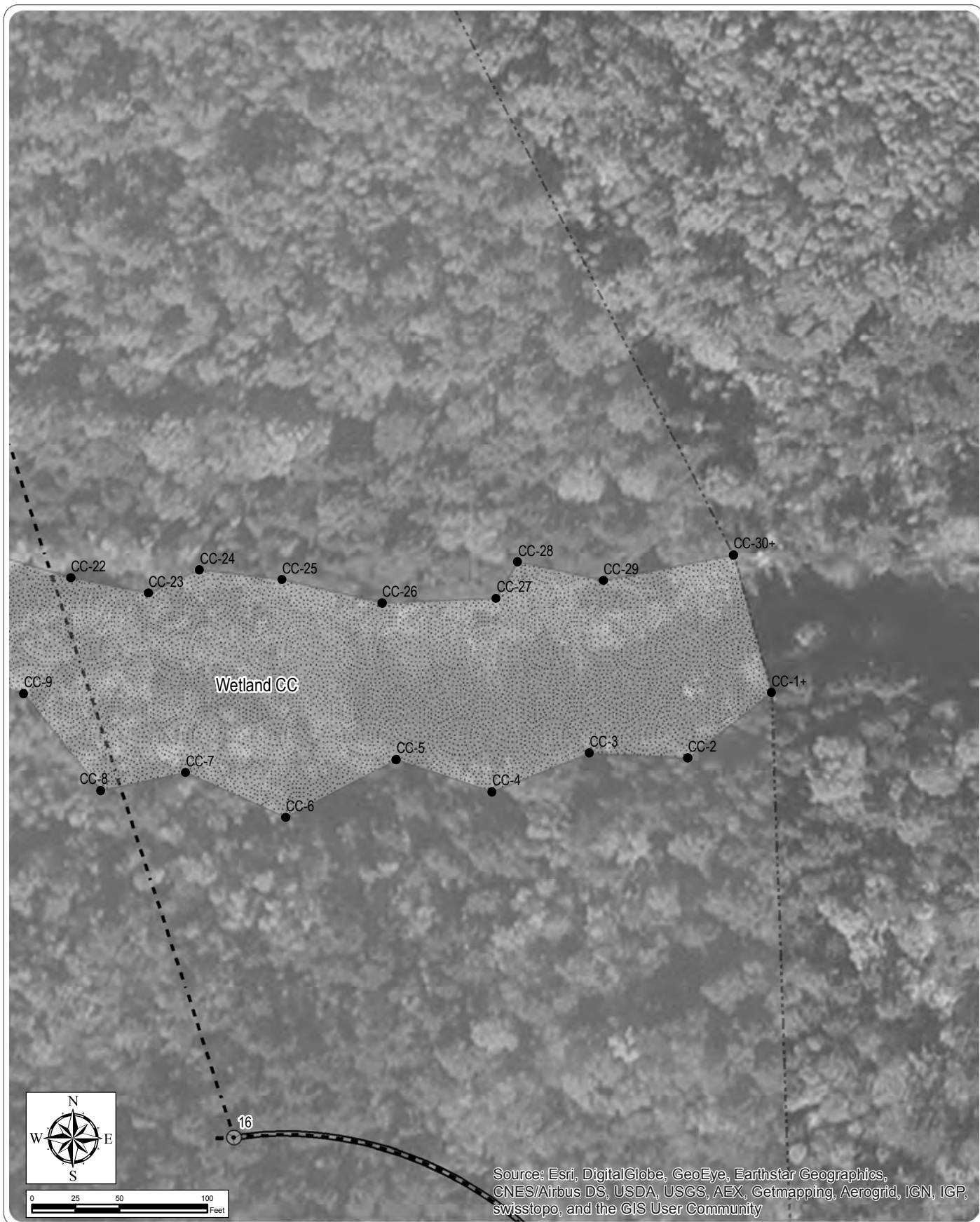
Sheet 71 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

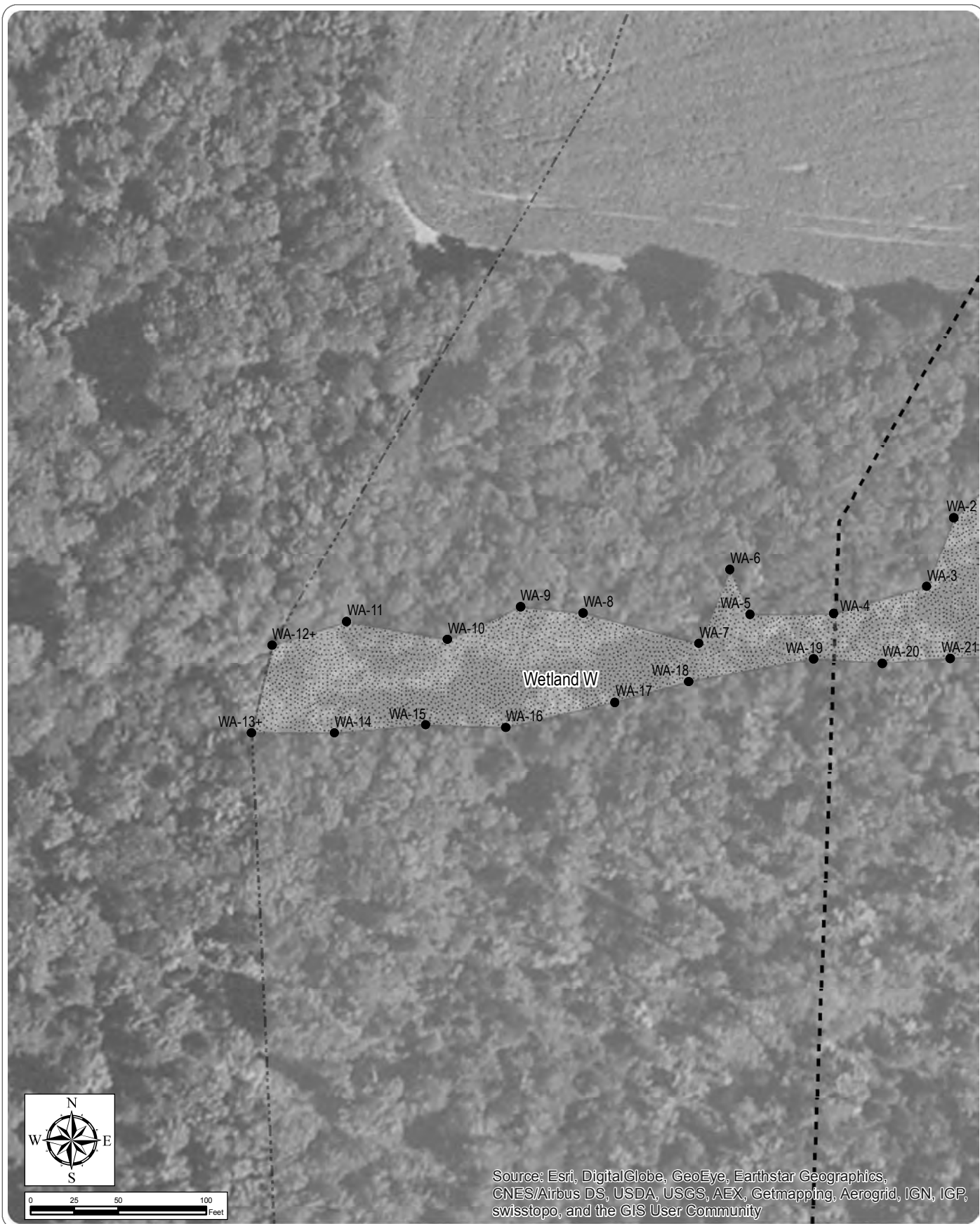
Sheet 72 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

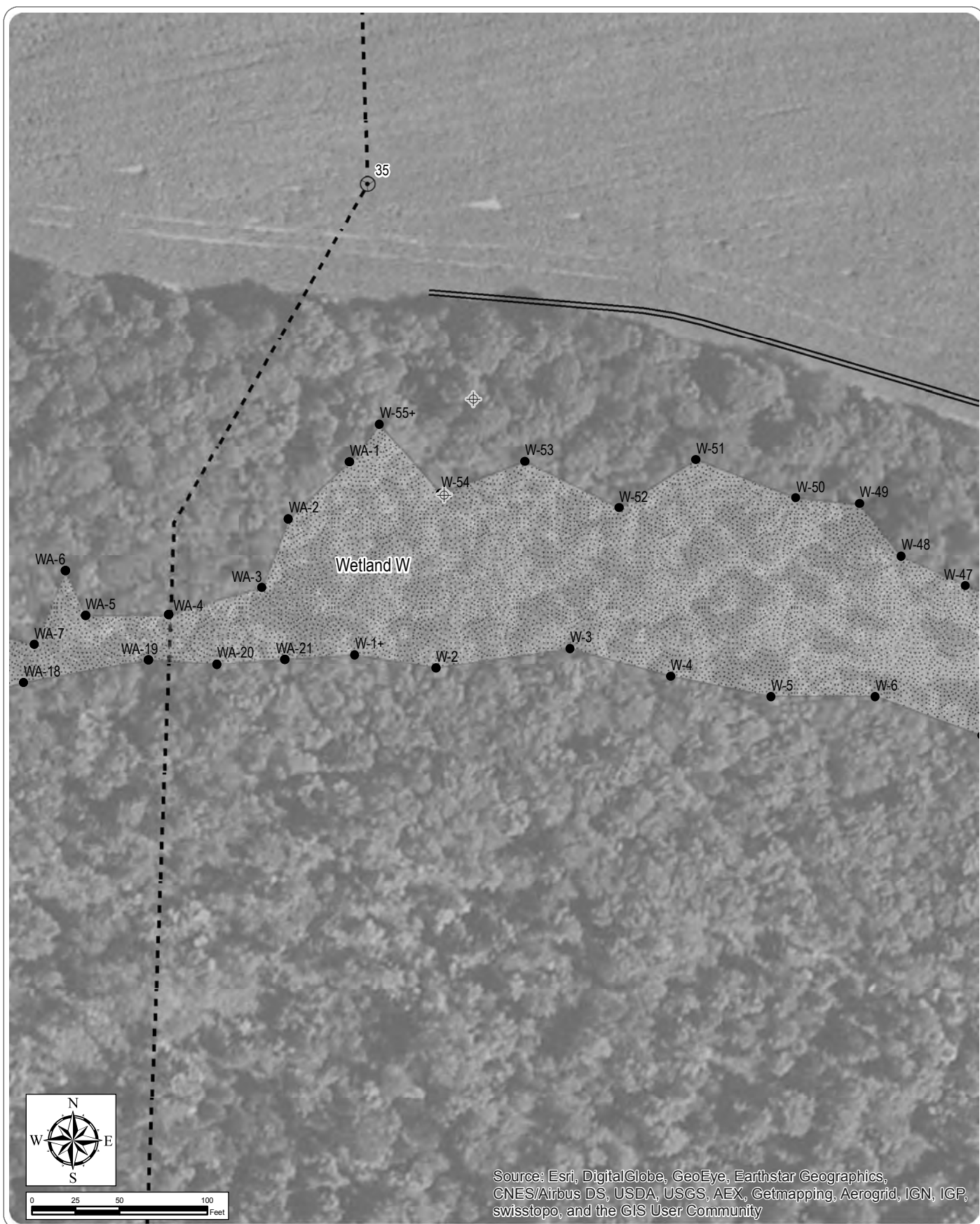
Sheet 73 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

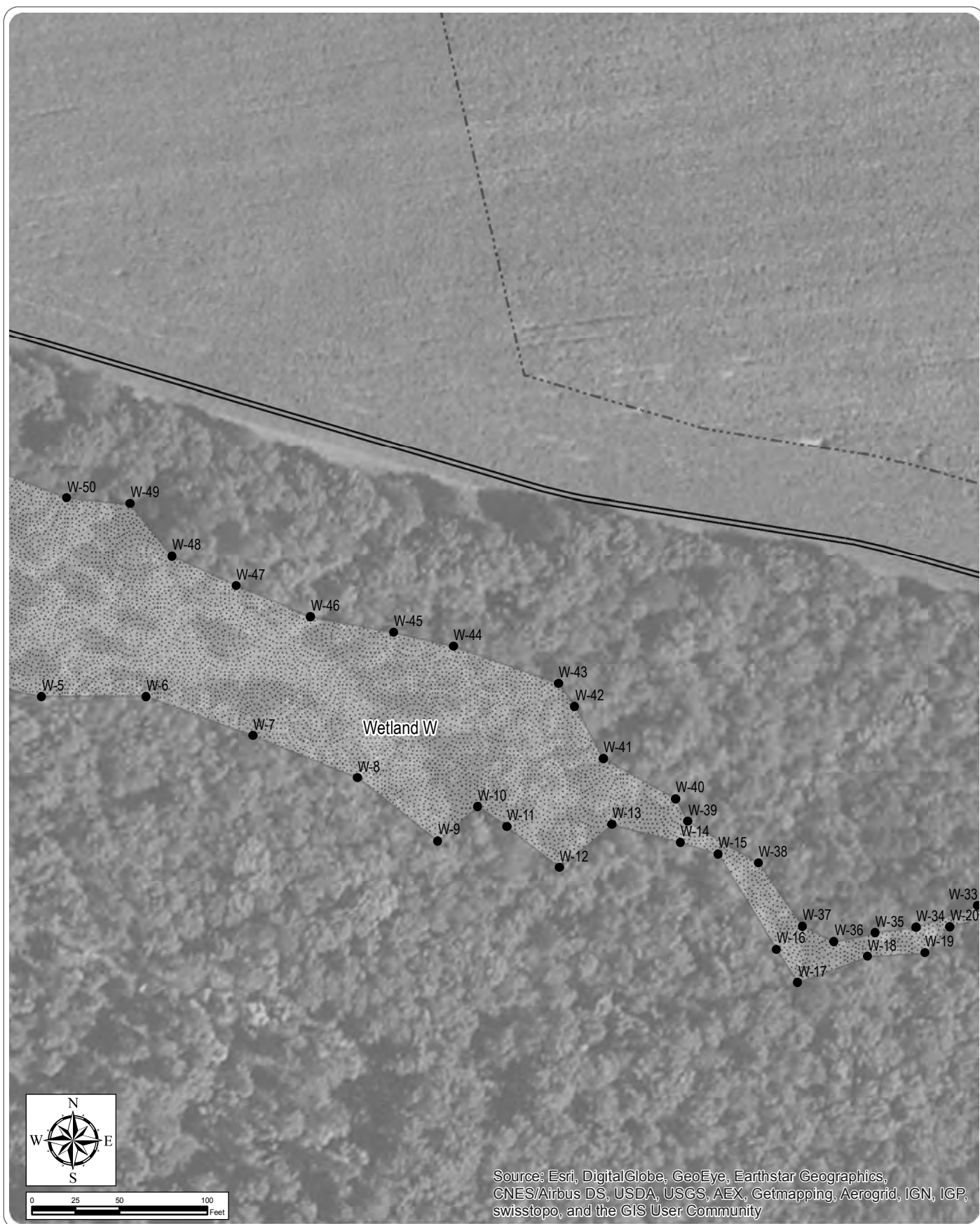
Sheet 74 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 75 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 77 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

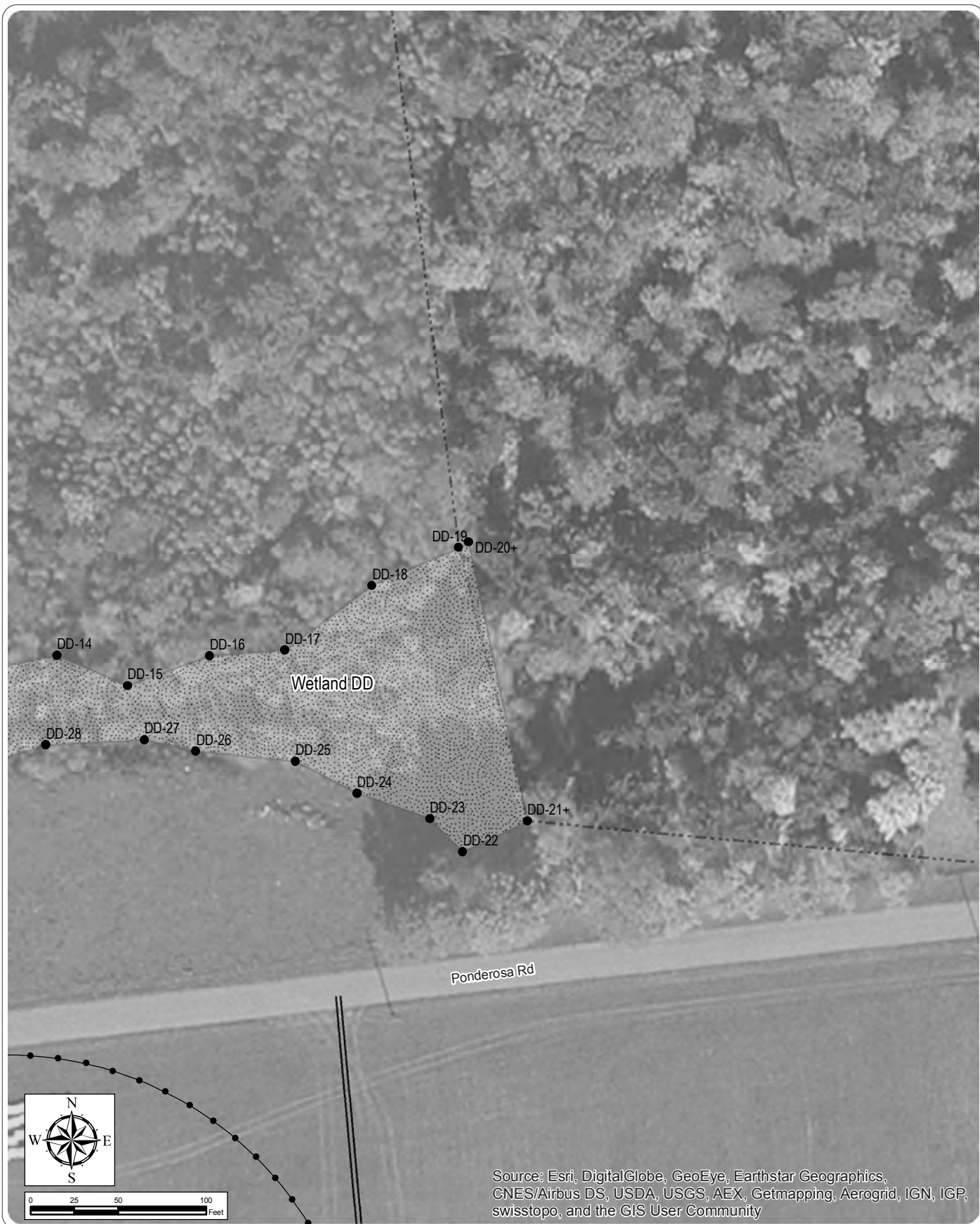
Sheet 78 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



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

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

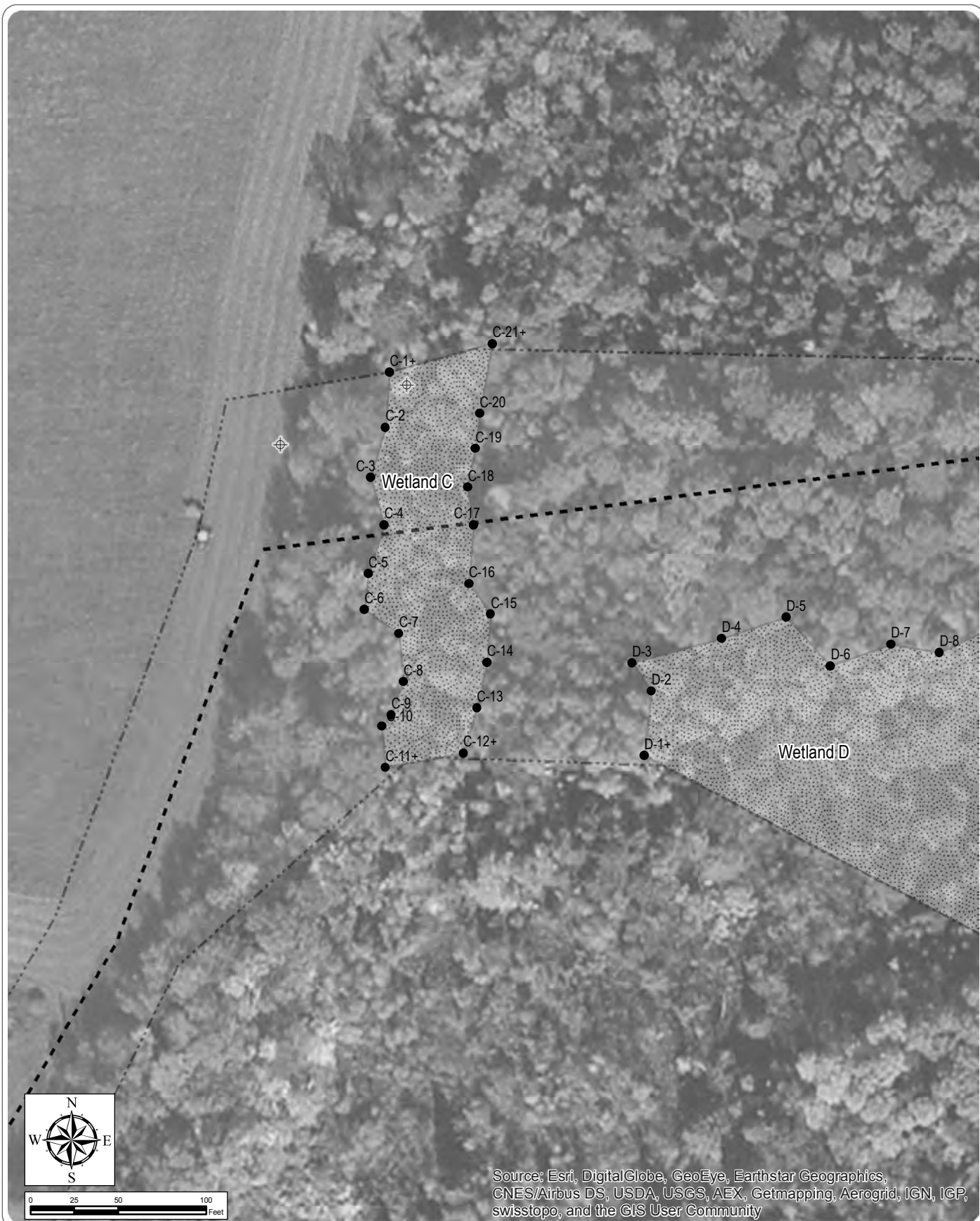
Sheet 79 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ●-● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

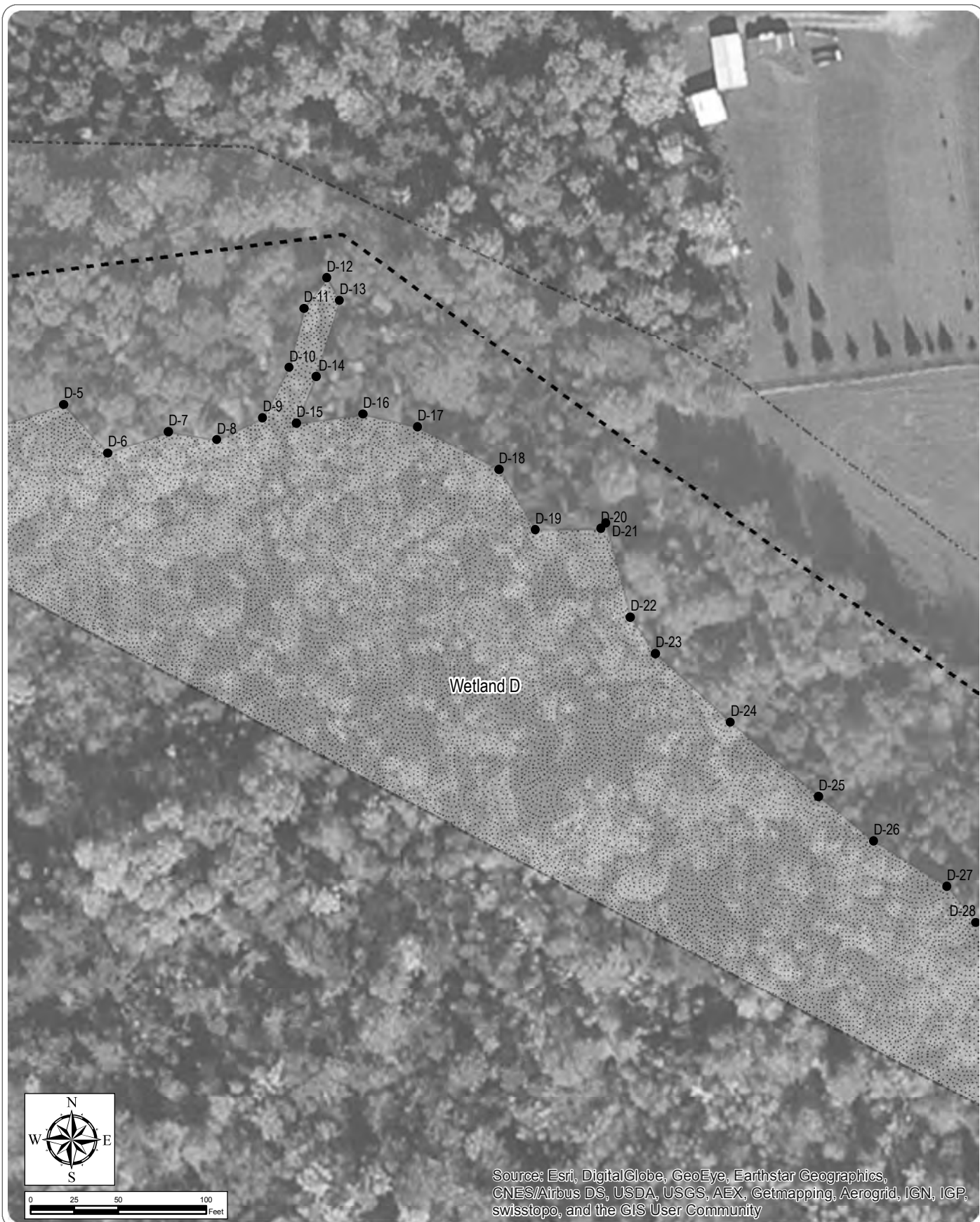
Sheet 80 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

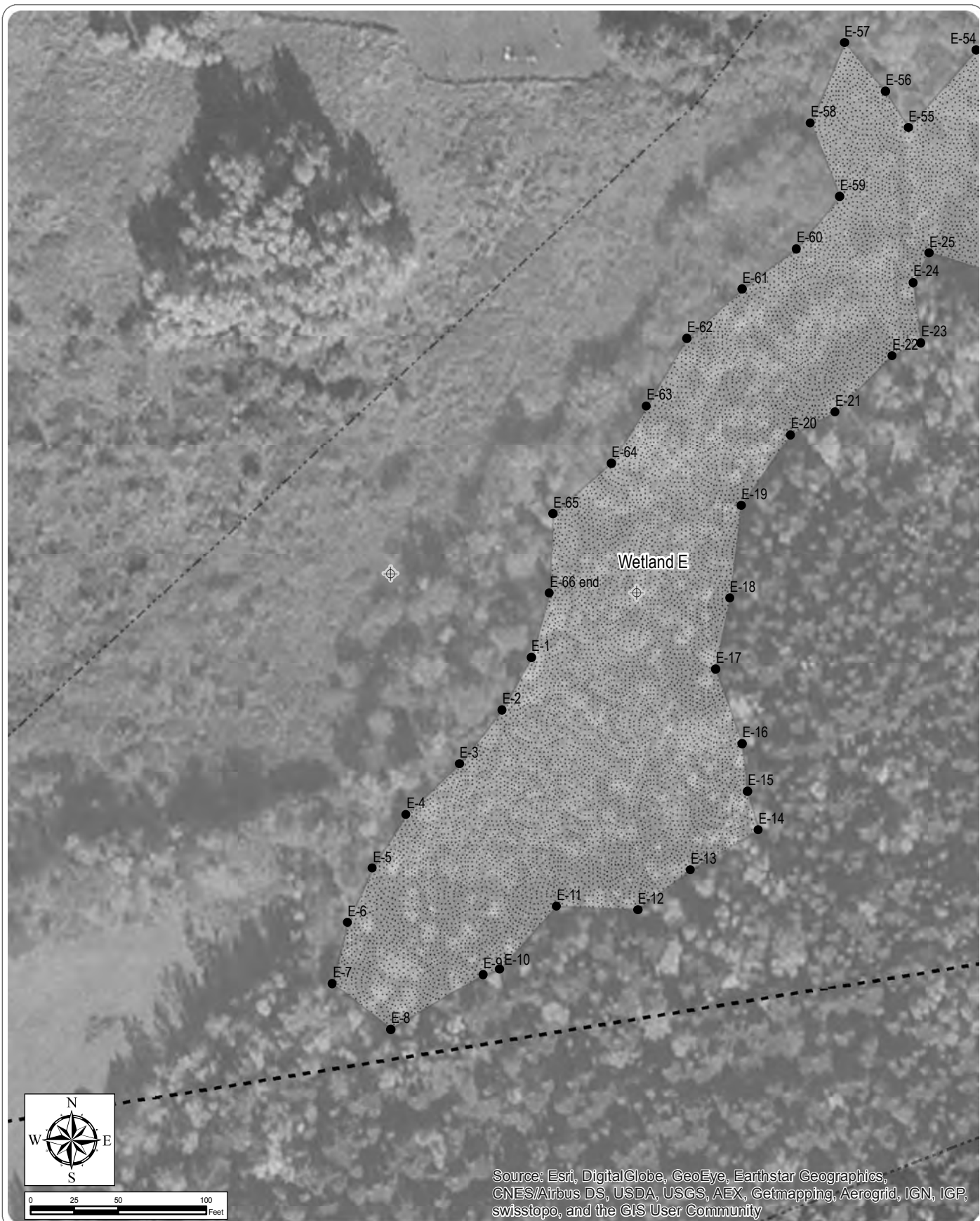
Sheet 81 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 83 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

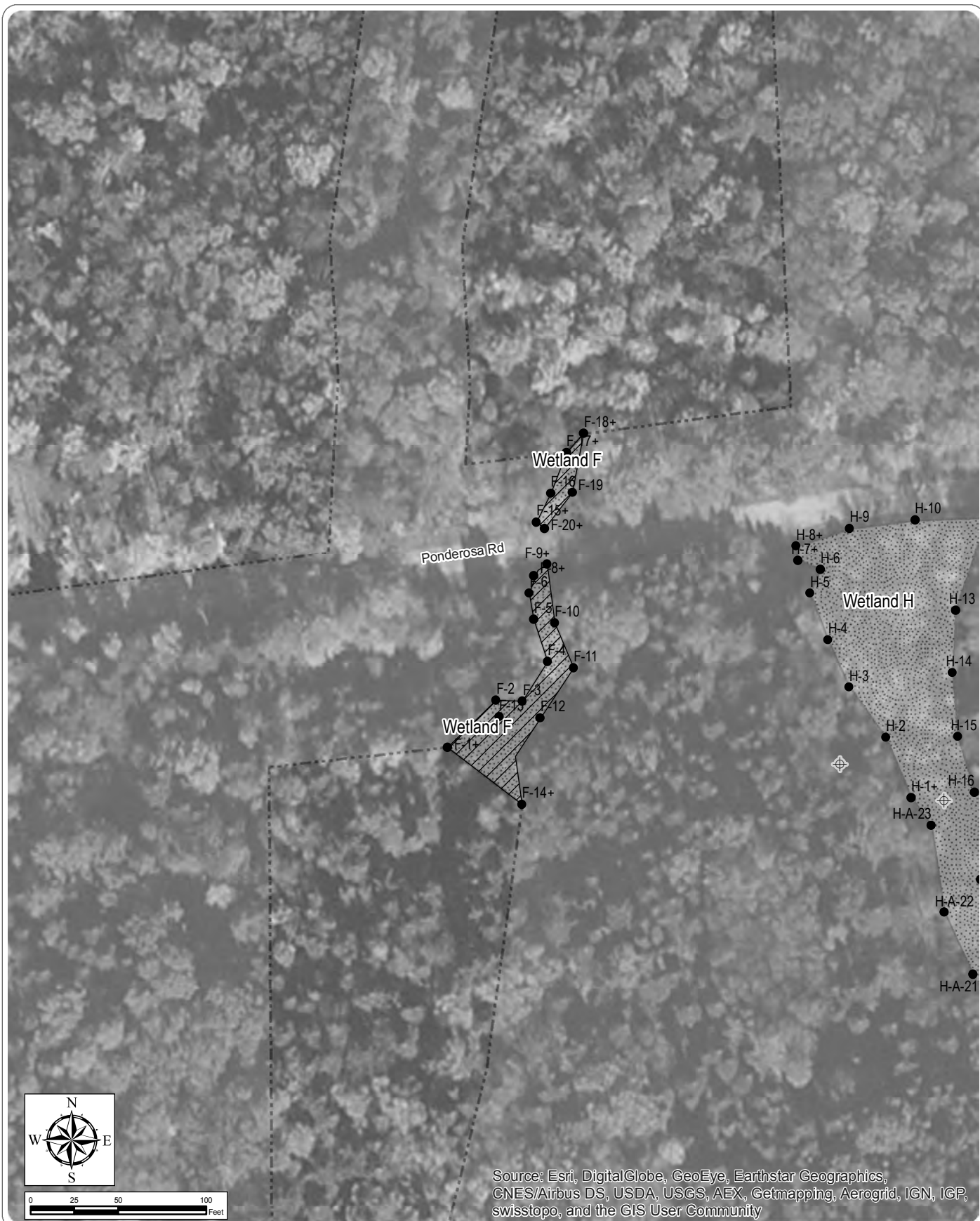
Sheet 84 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

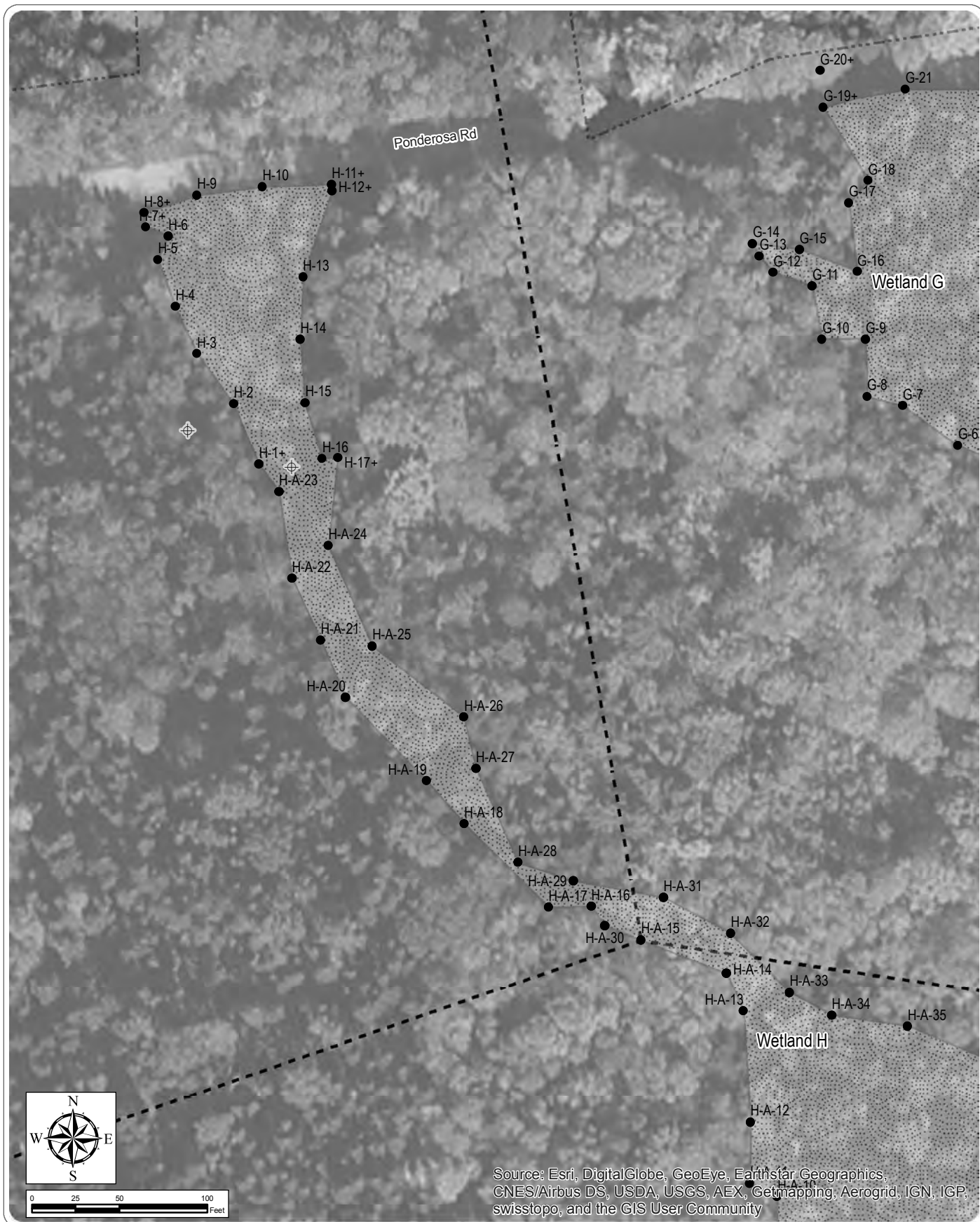
Sheet 86 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ○ Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

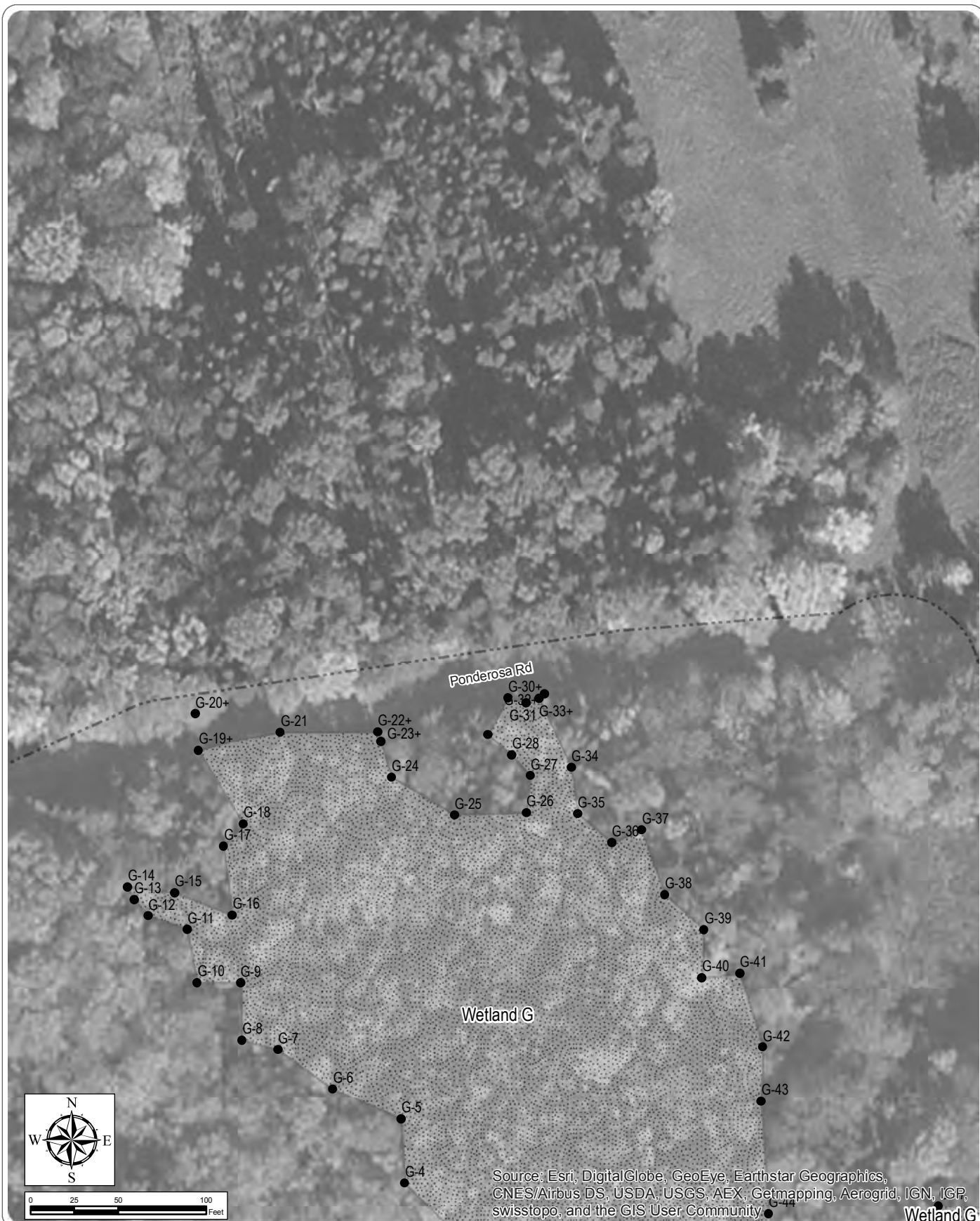
Sheet 87 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 88 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

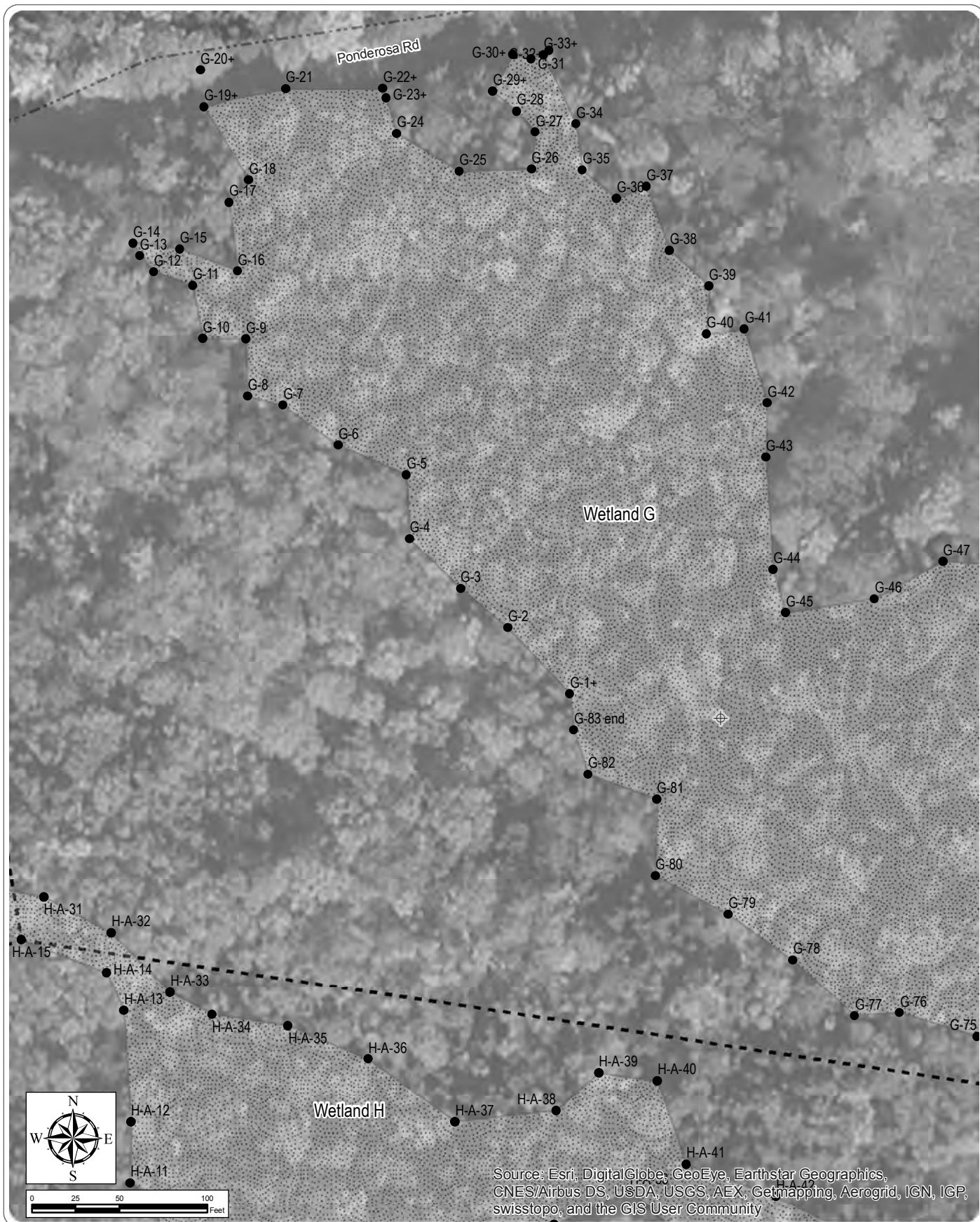
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



www.edrdpc.com



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

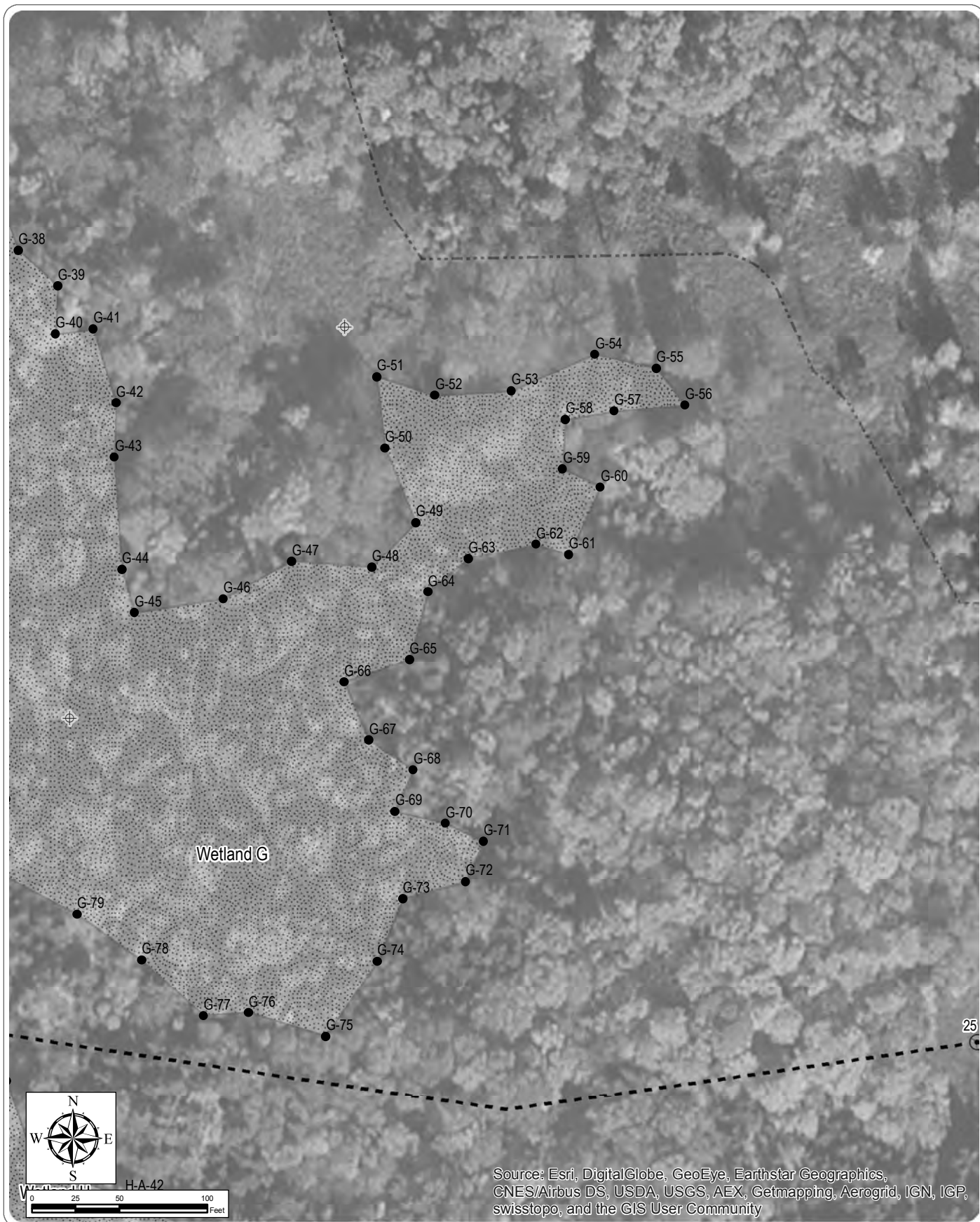
Sheet 89 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

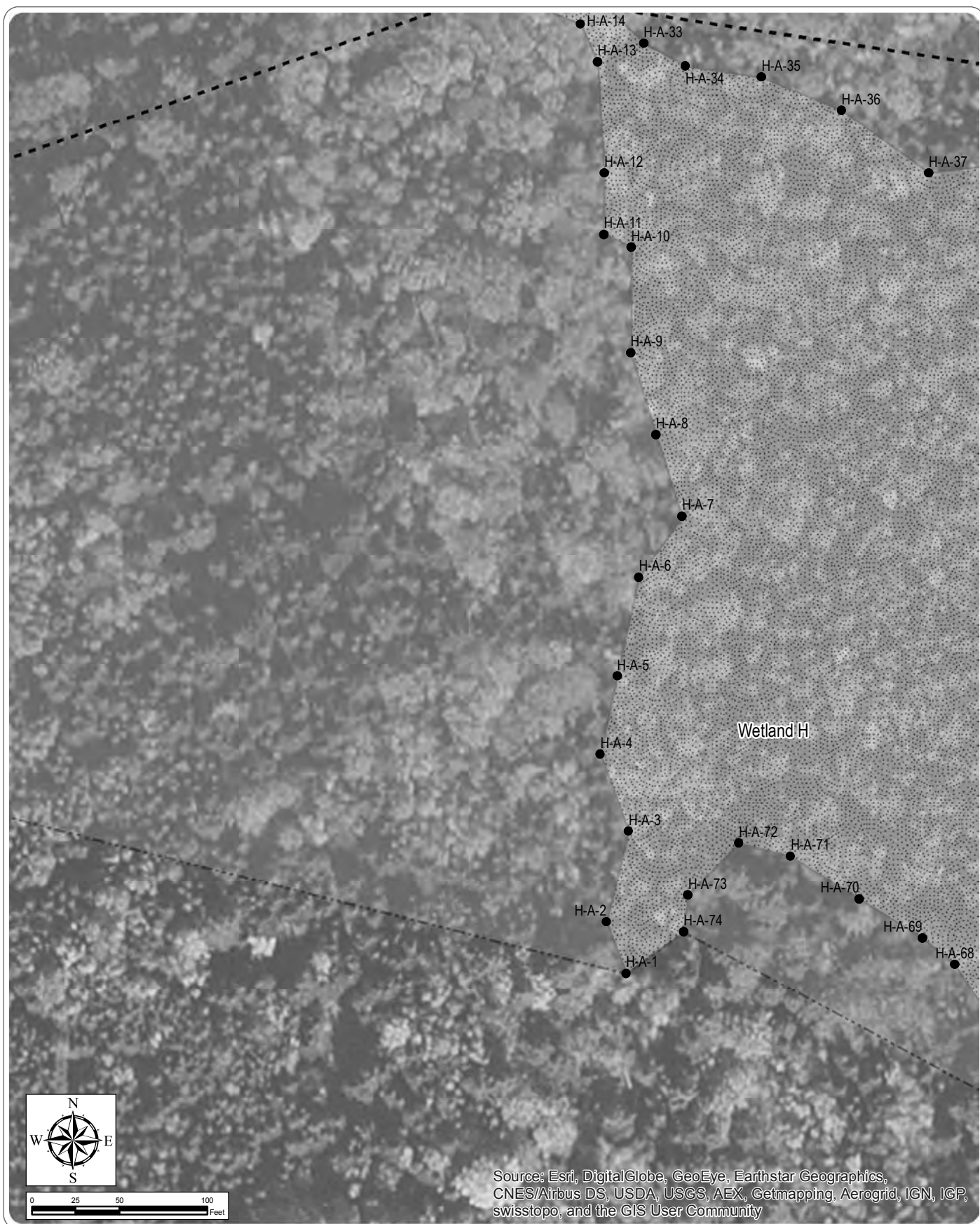
Sheet 90 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- ==== Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

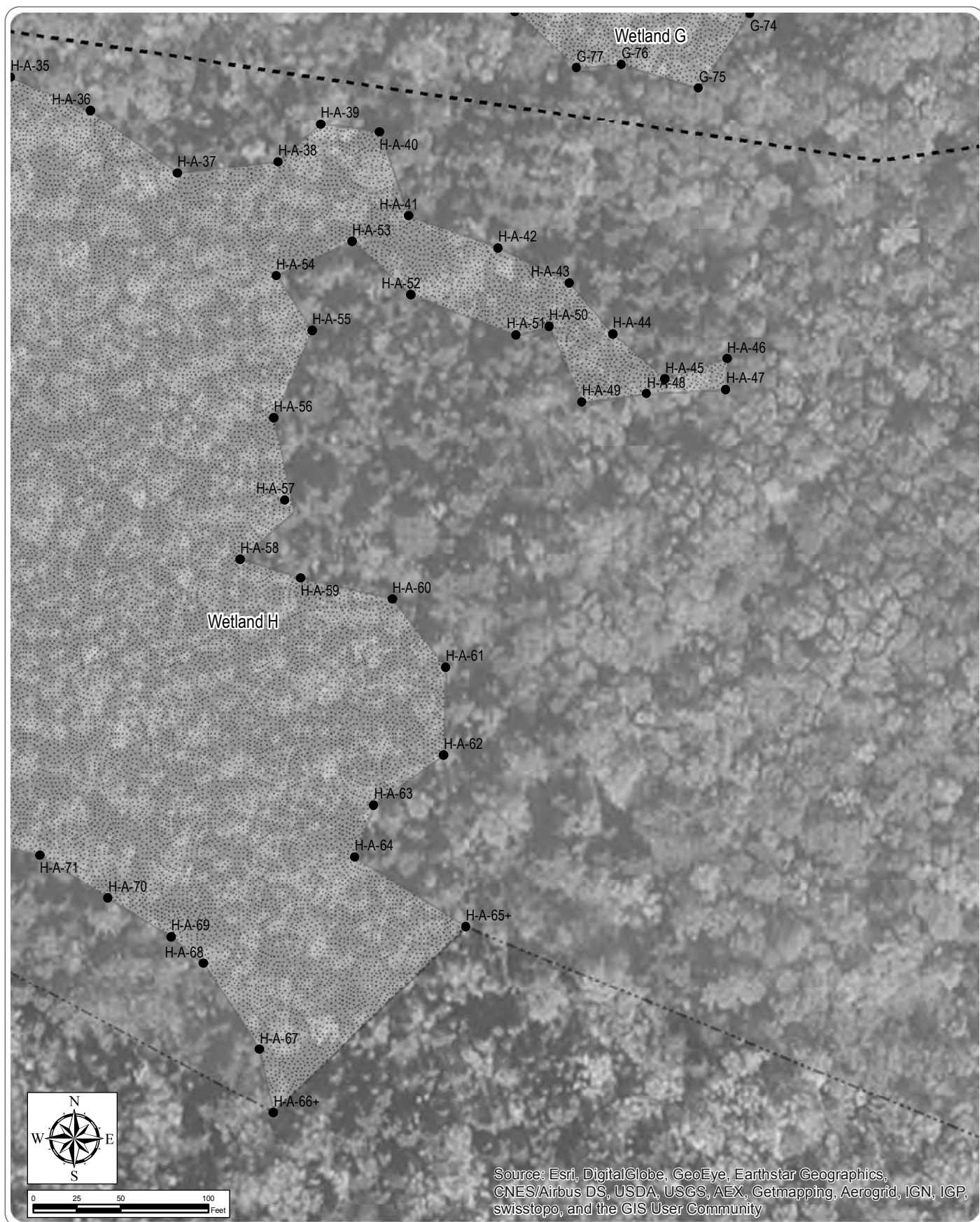
Sheet 91 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

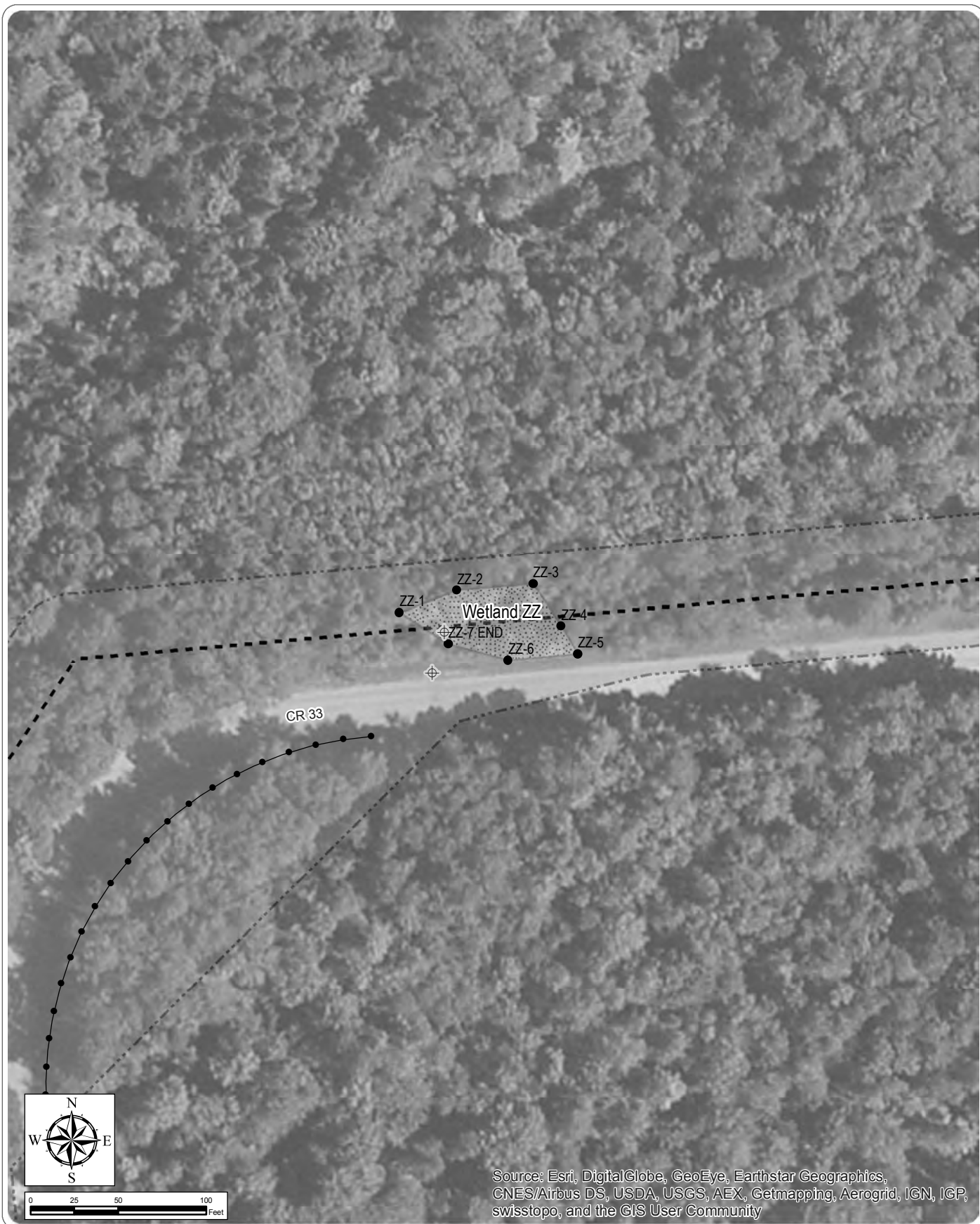
Sheet 92 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 93 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●—● Construction Turning Radius | ▨ Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 94 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

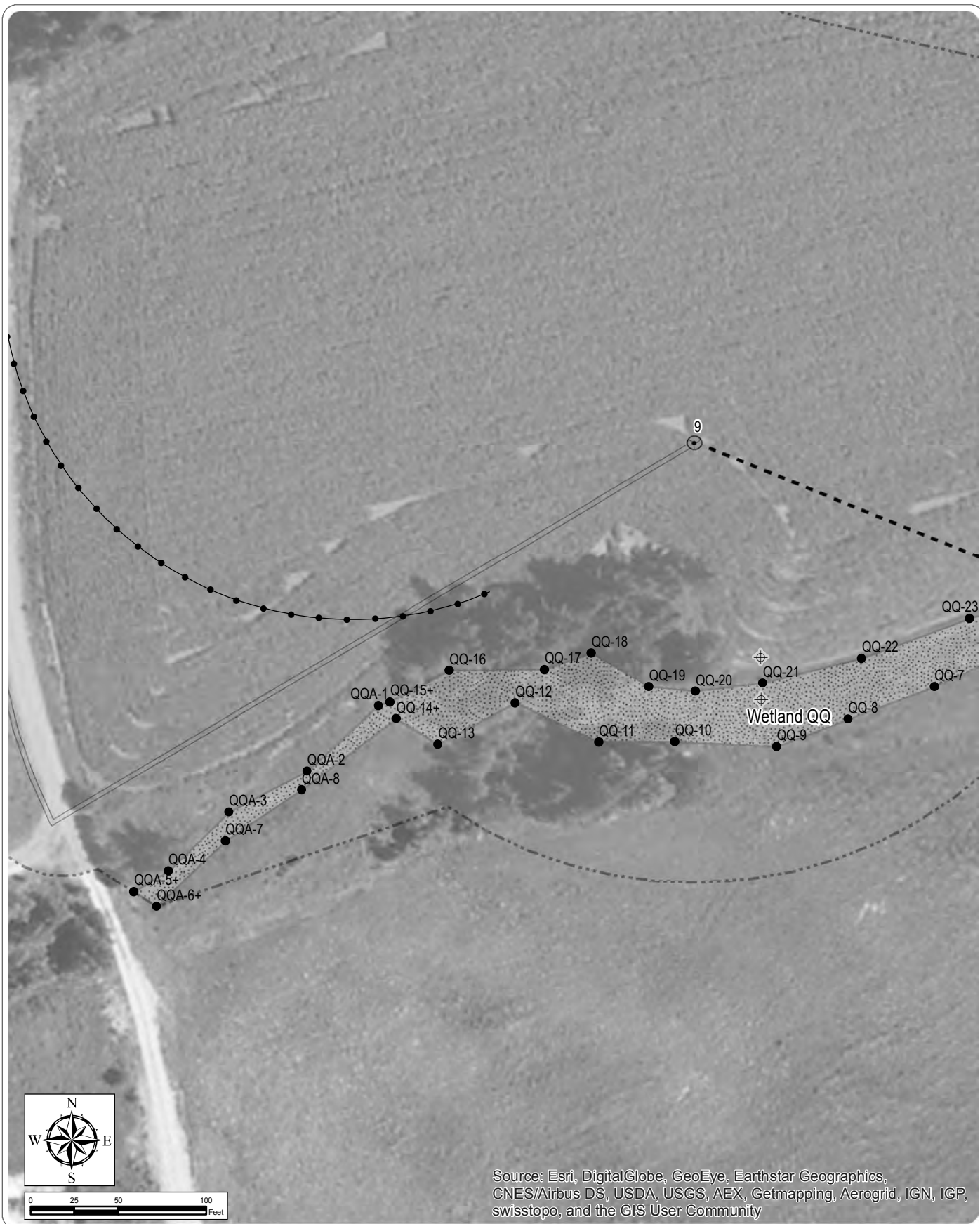
Sheet 95 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

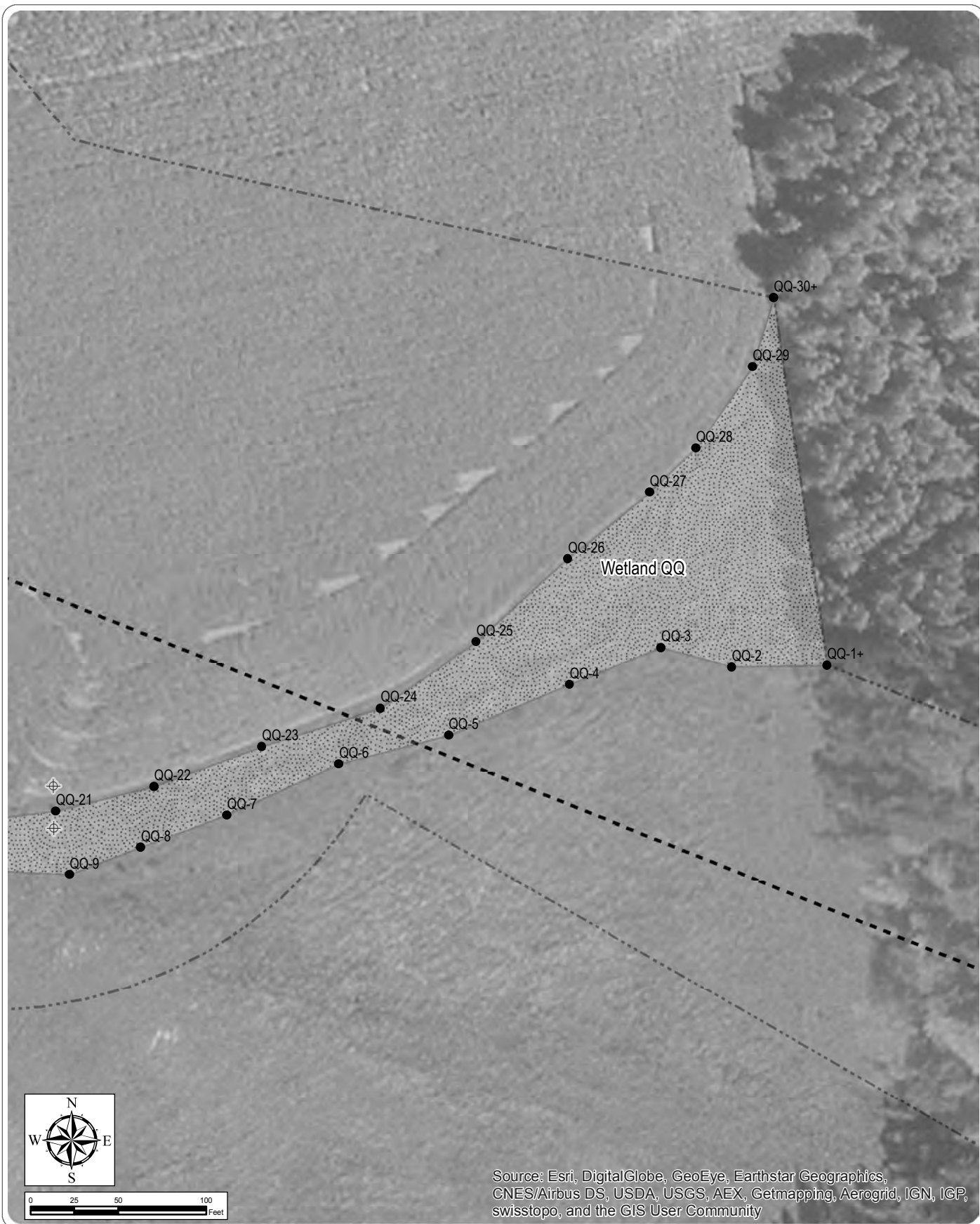
Sheet 97 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

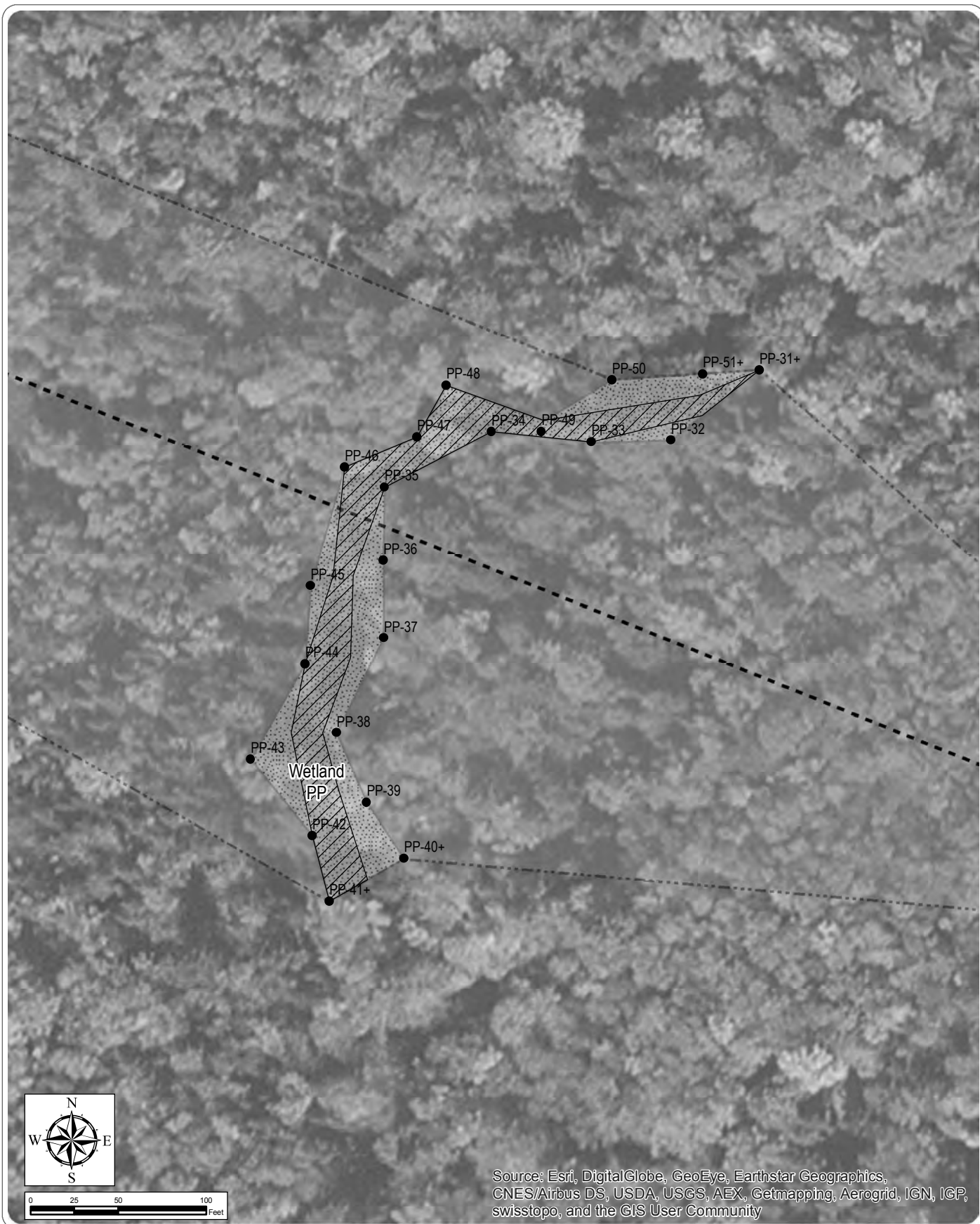
Sheet 98 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

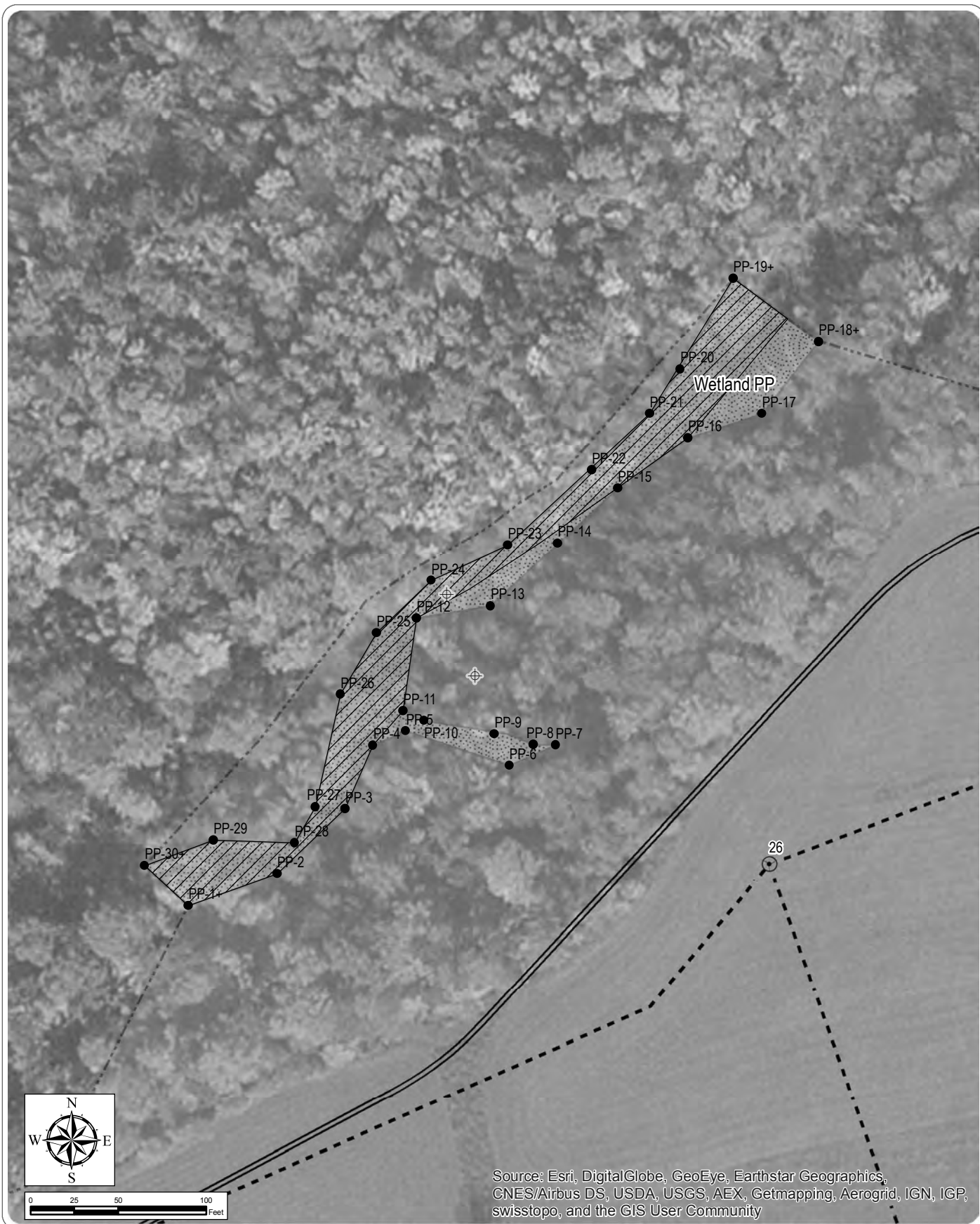
Sheet 99 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Delineated Wetland
- Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 100 of 118

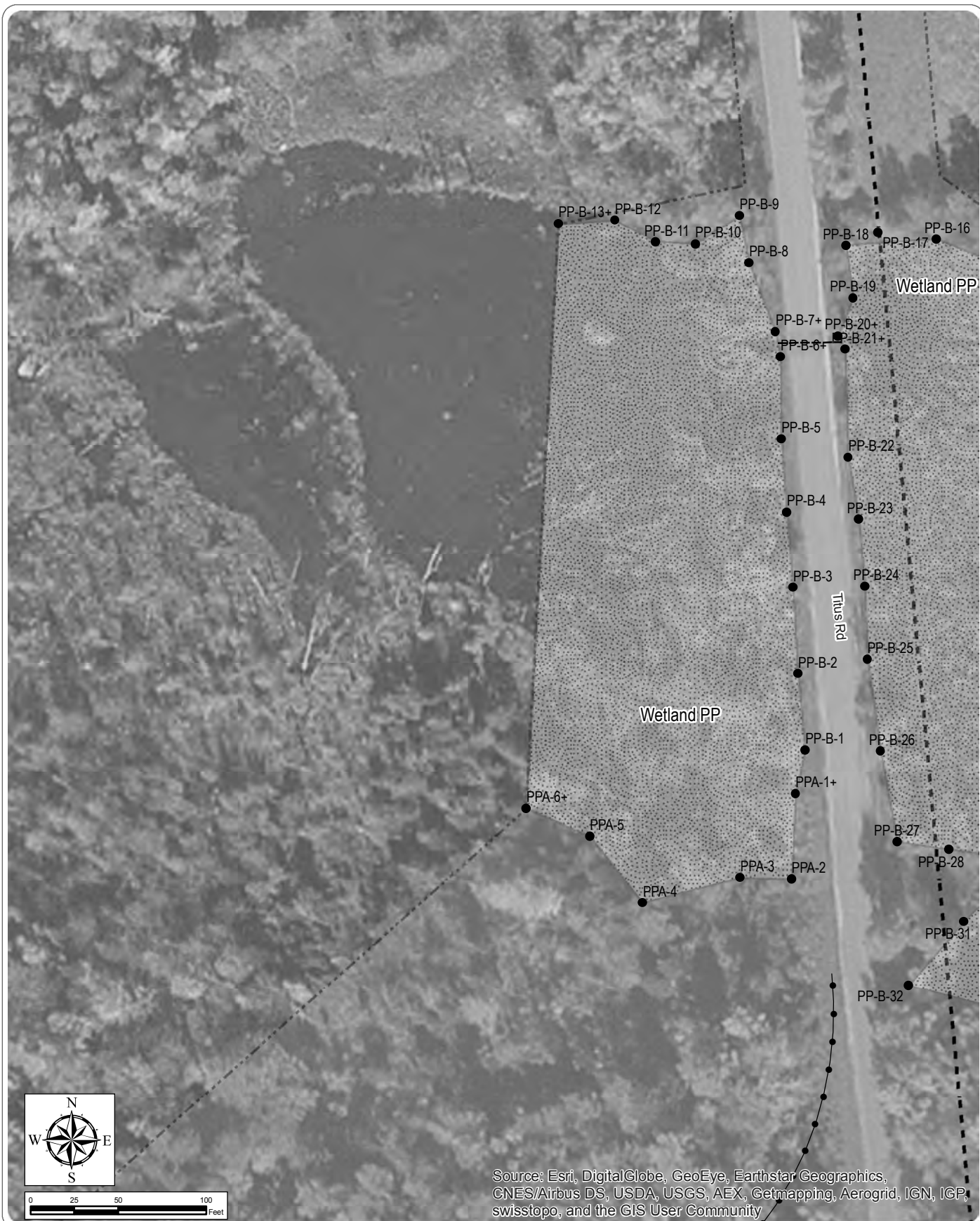
Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream





Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

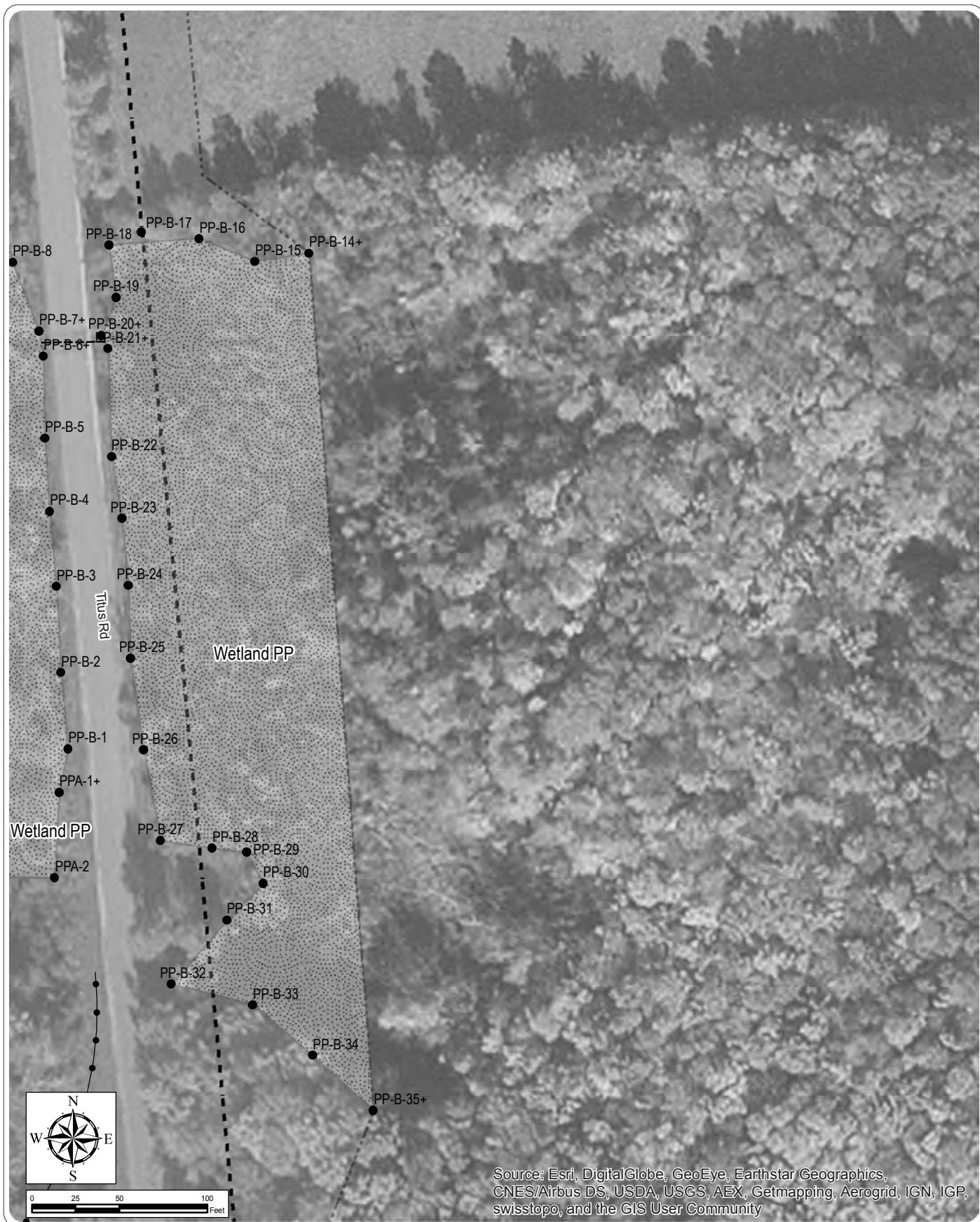
Sheet 101 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

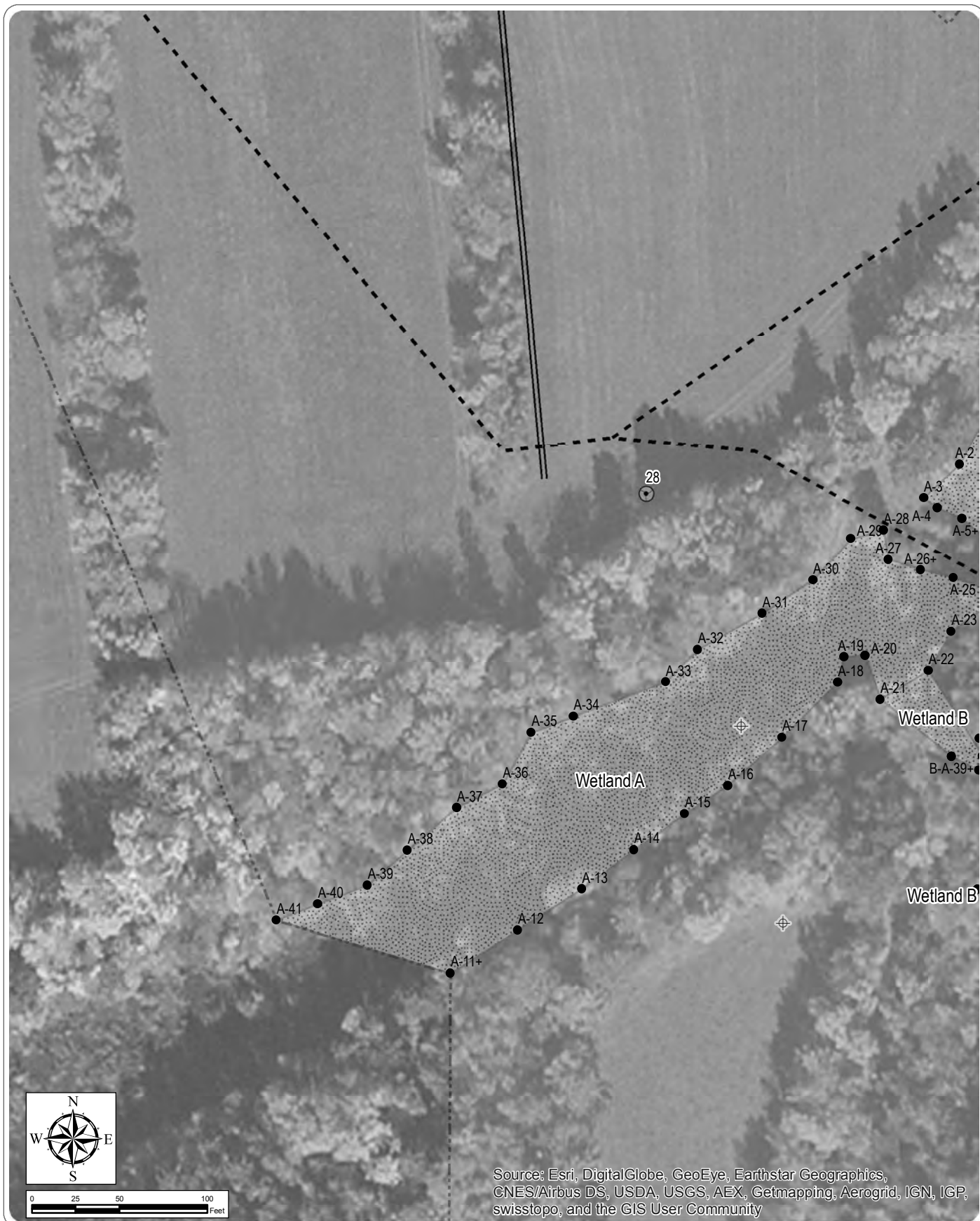
Sheet 102 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

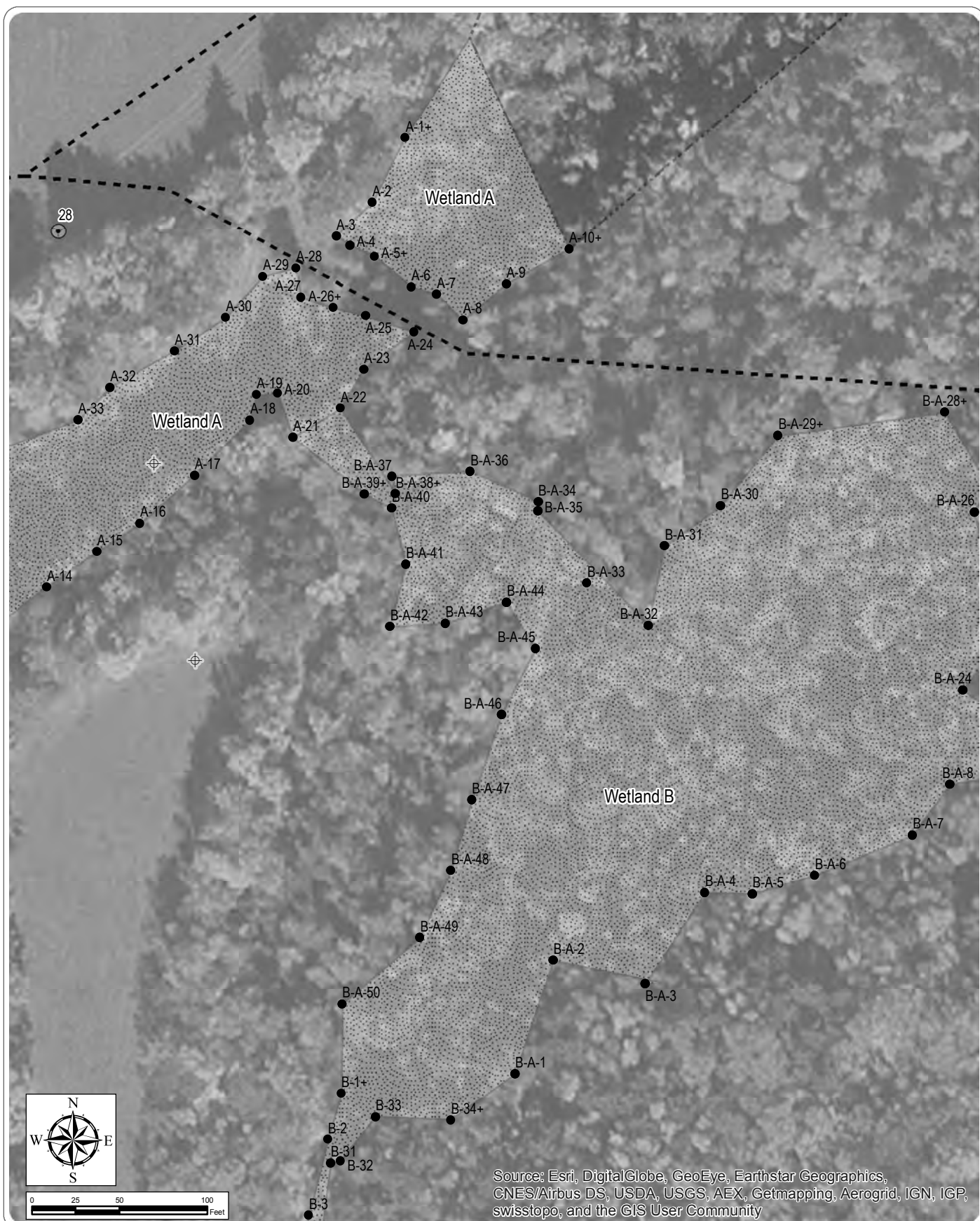
Sheet 103 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

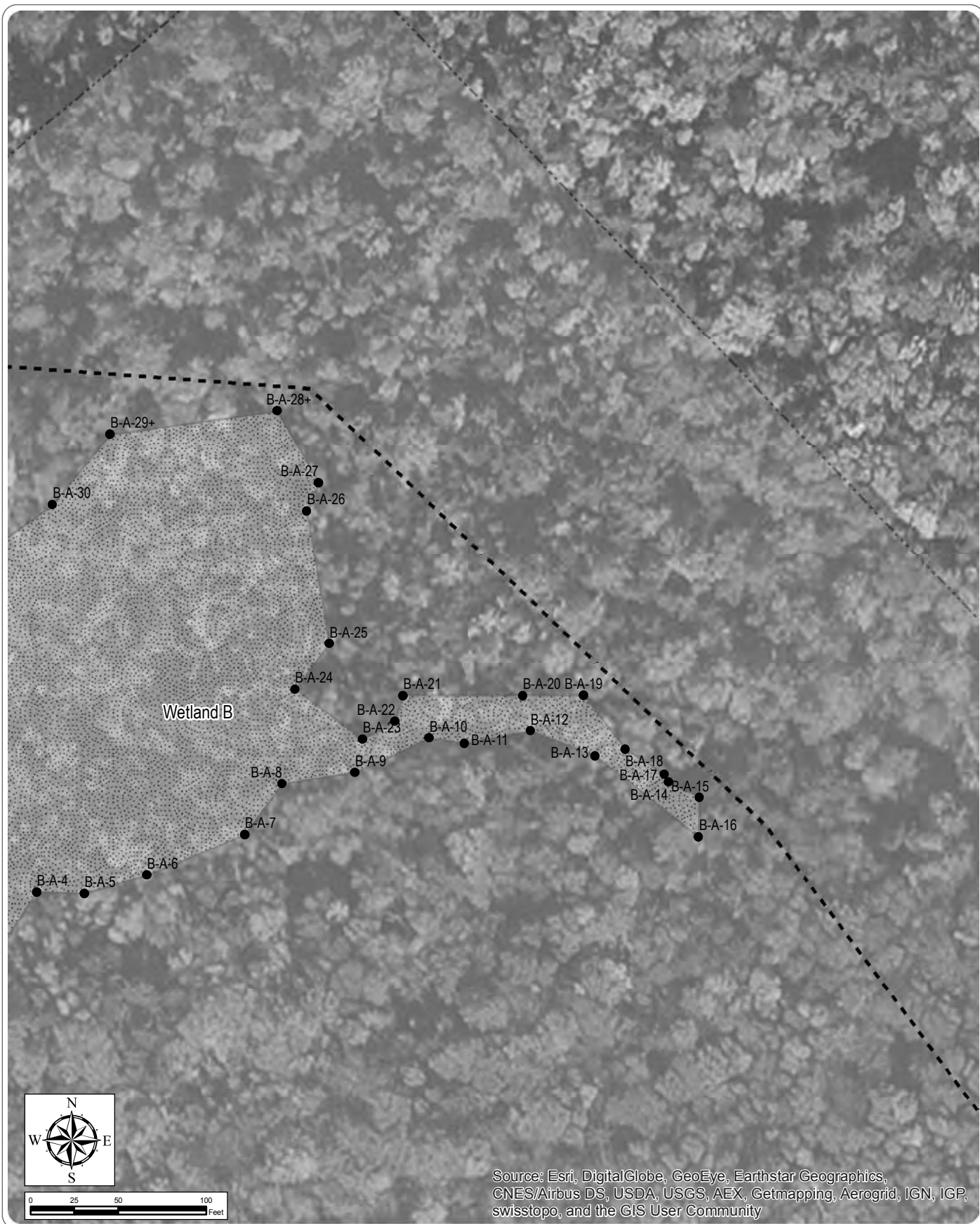
Sheet 104 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

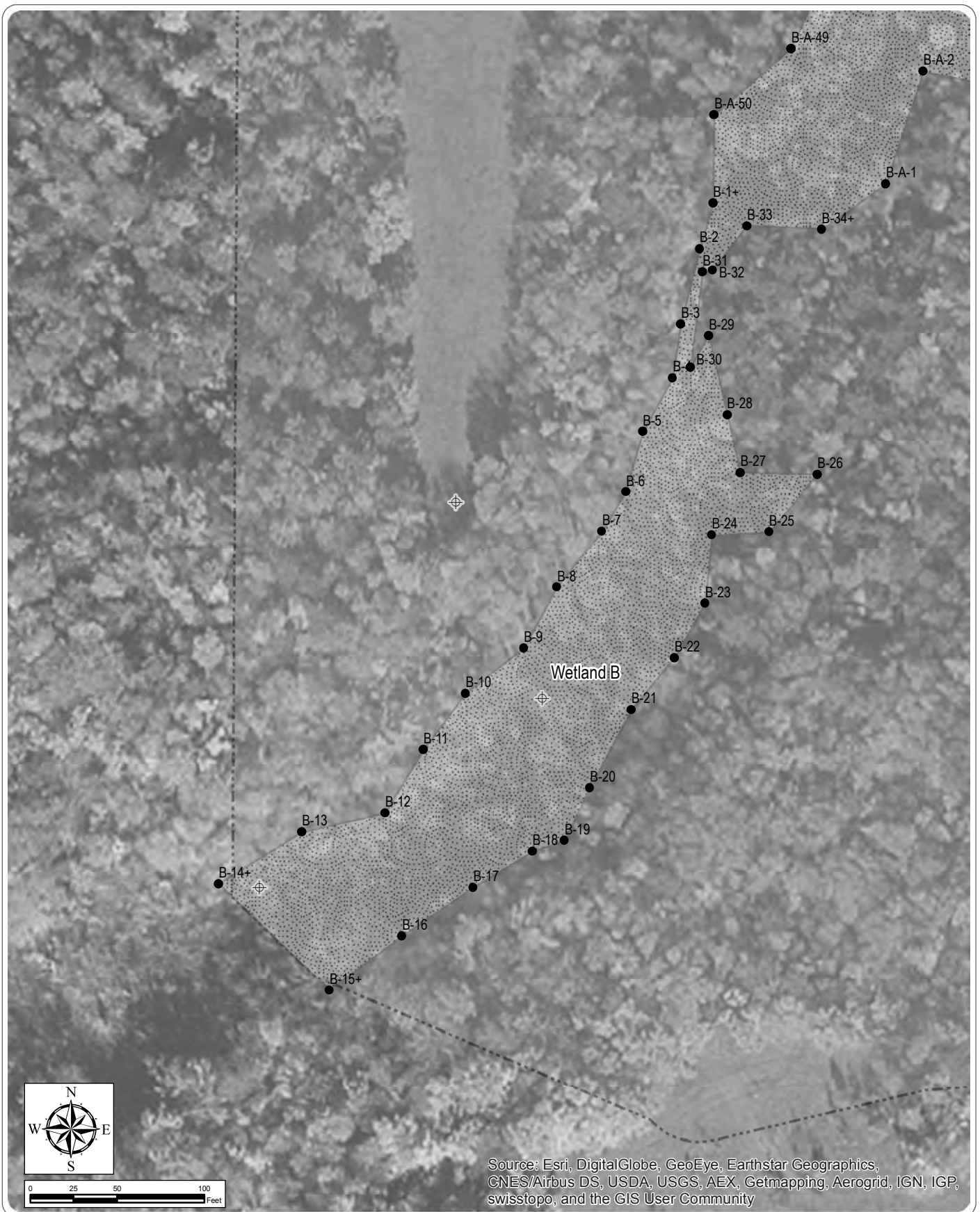
Sheet 105 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 106 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

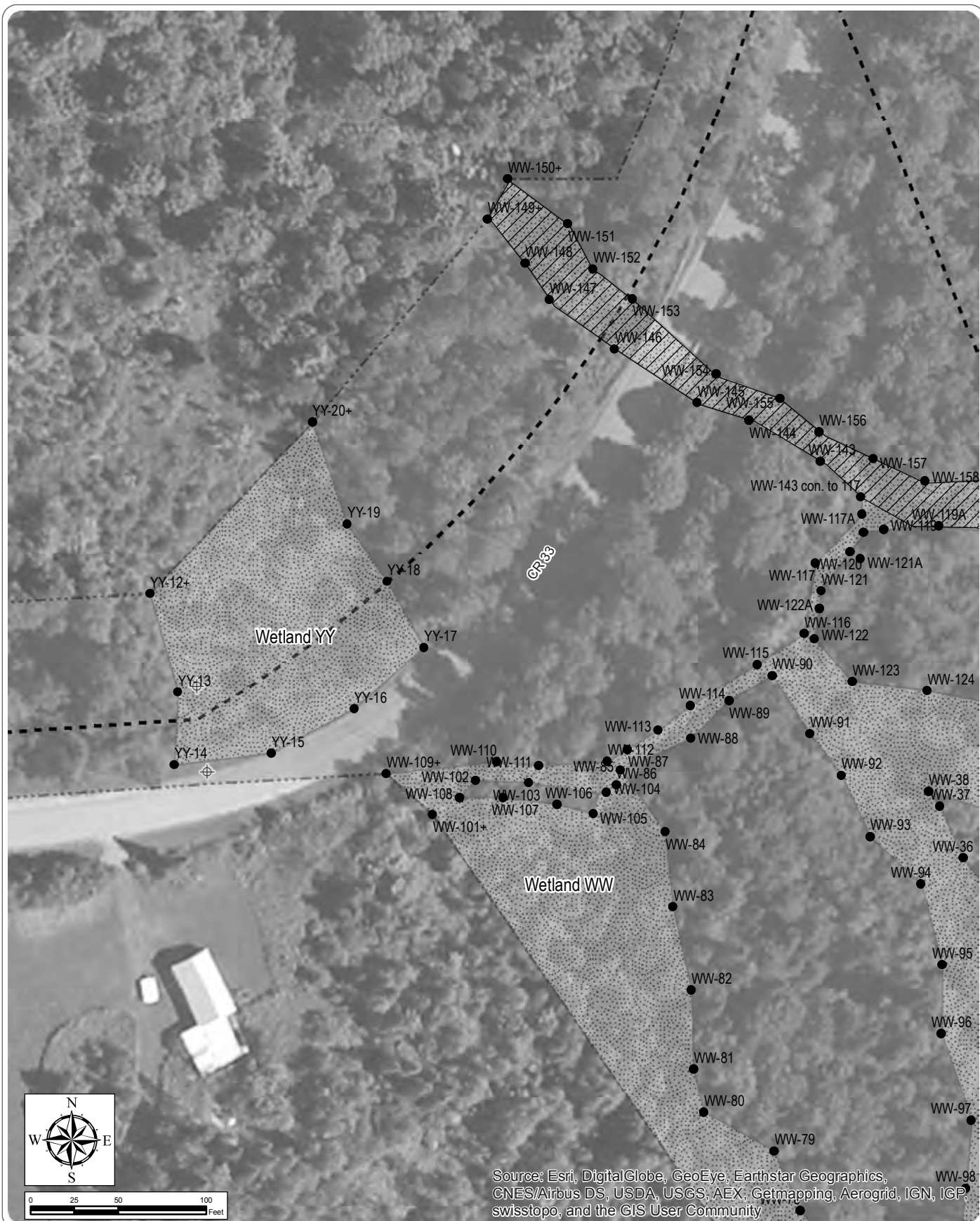
Sheet 107 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

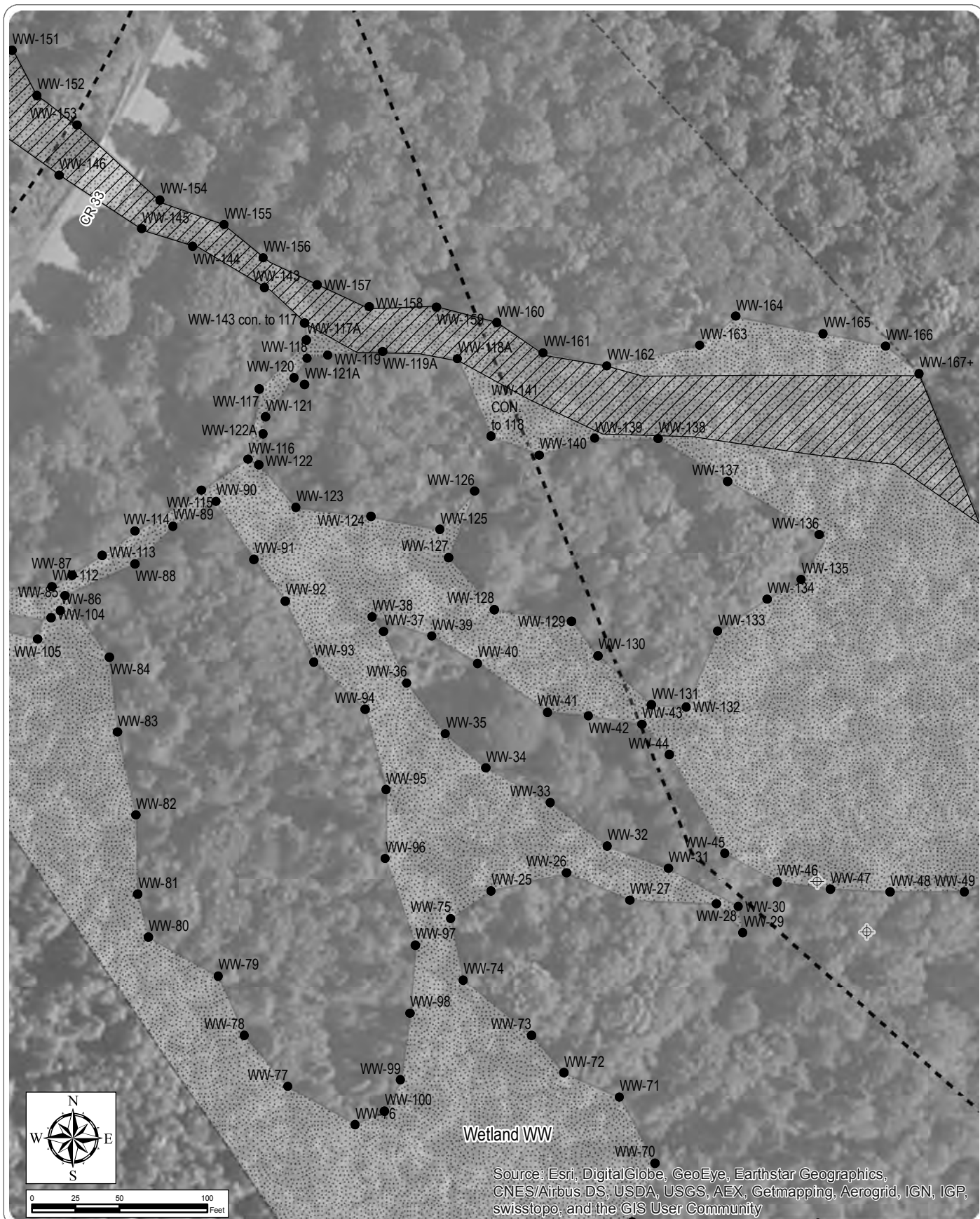
Sheet 108 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

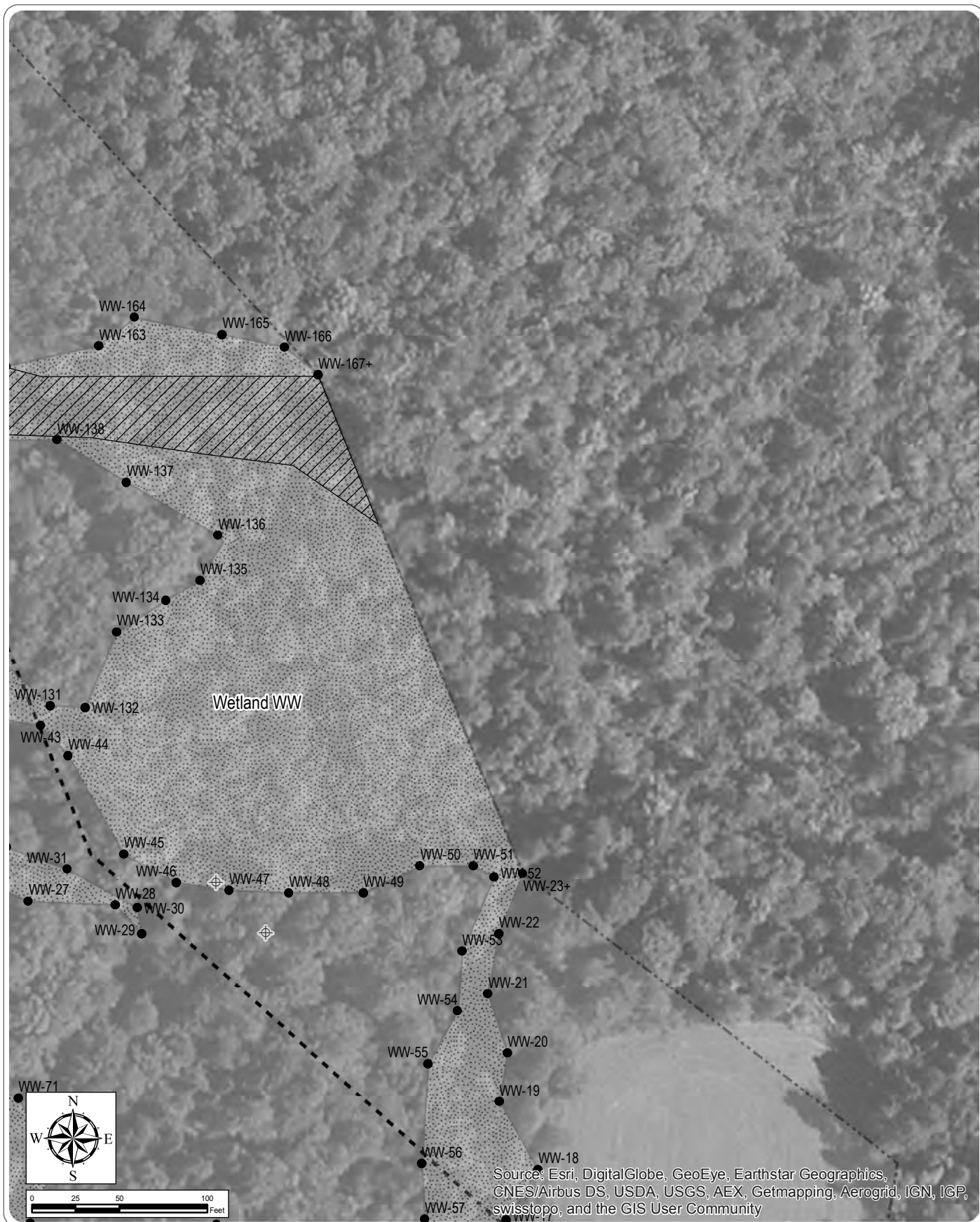
September 2015

Sheet 109 of 118

Notes: 1. Basemap: Esri ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.
3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

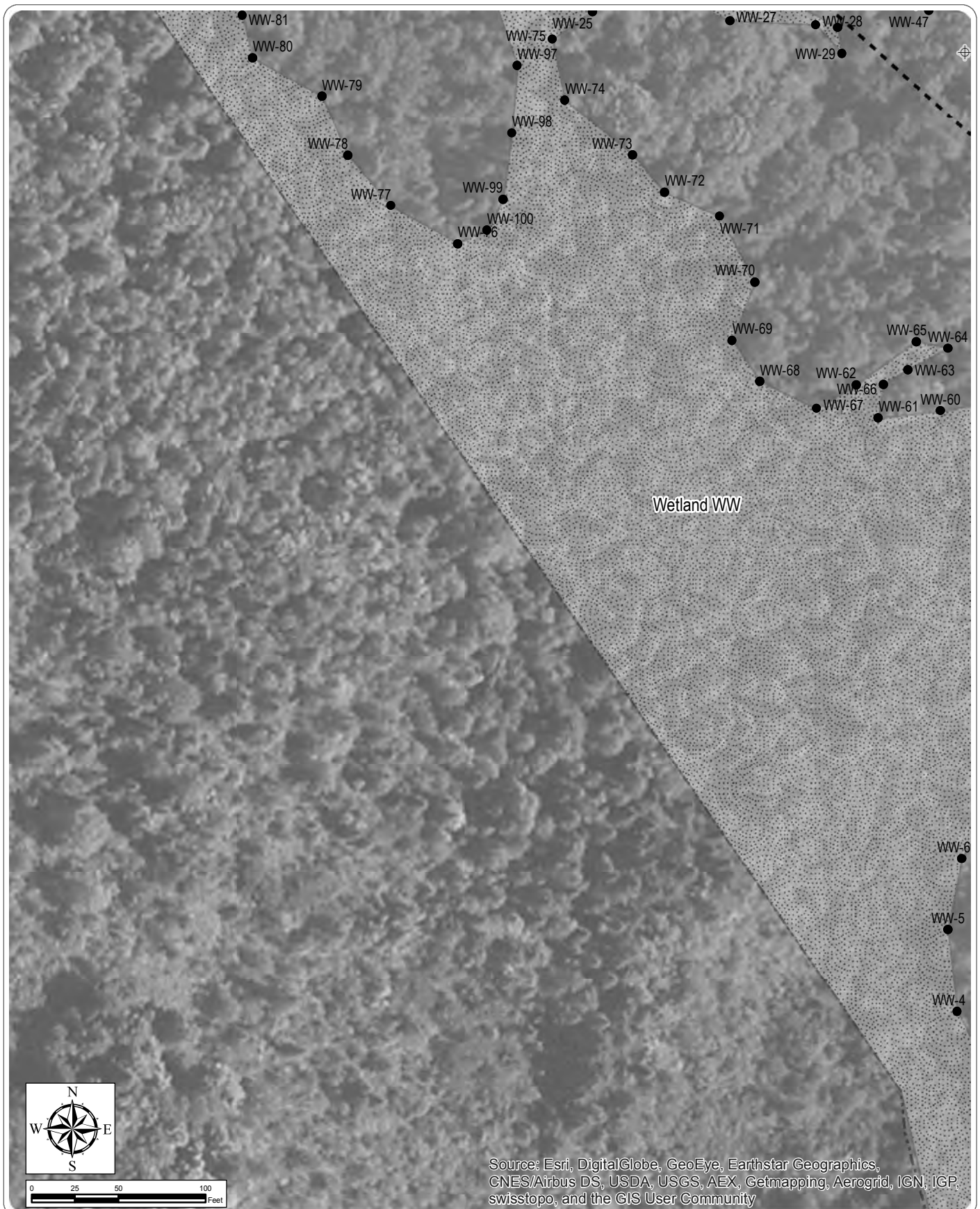
Sheet 110 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

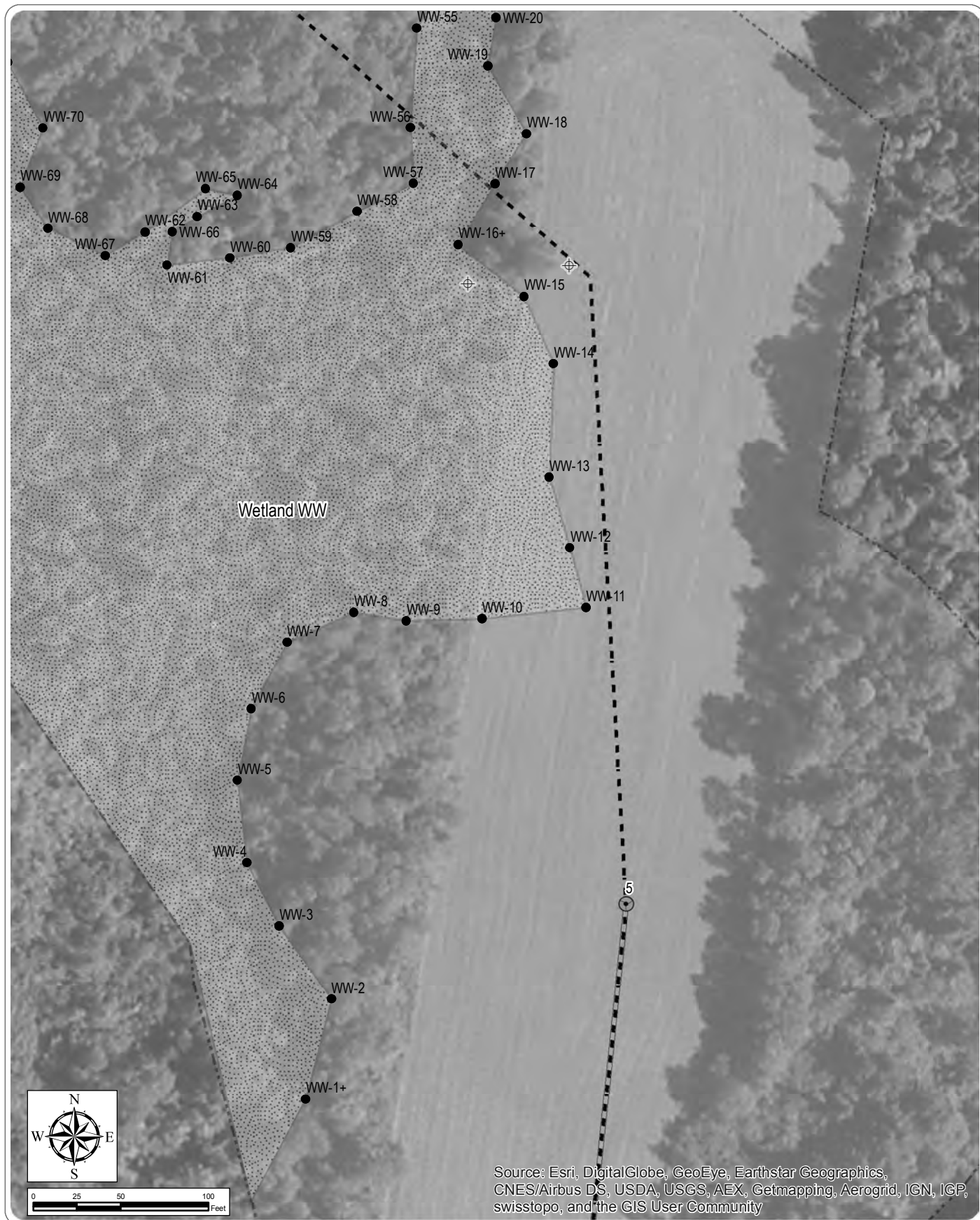
Sheet 111 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "*" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

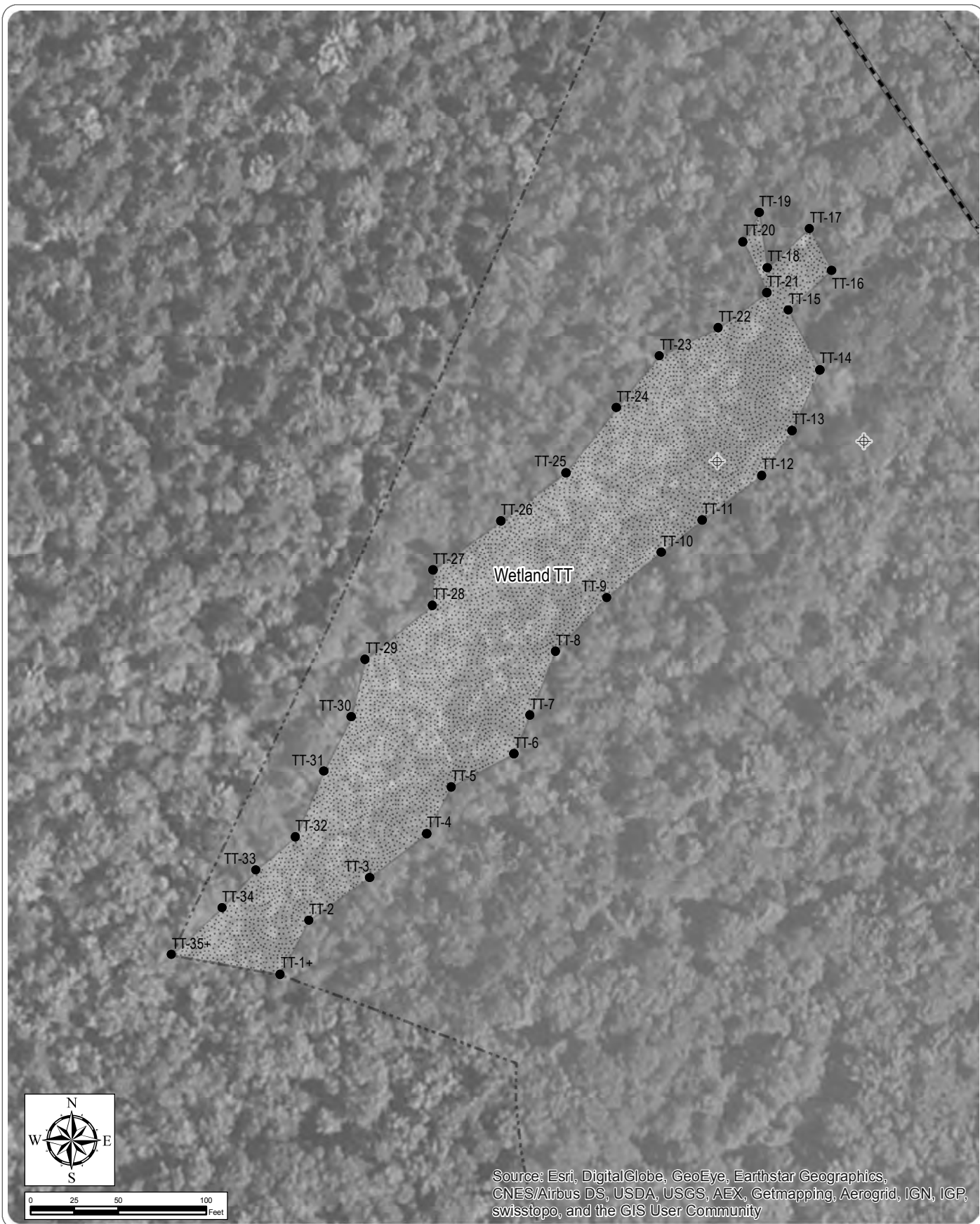
Sheet 112 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

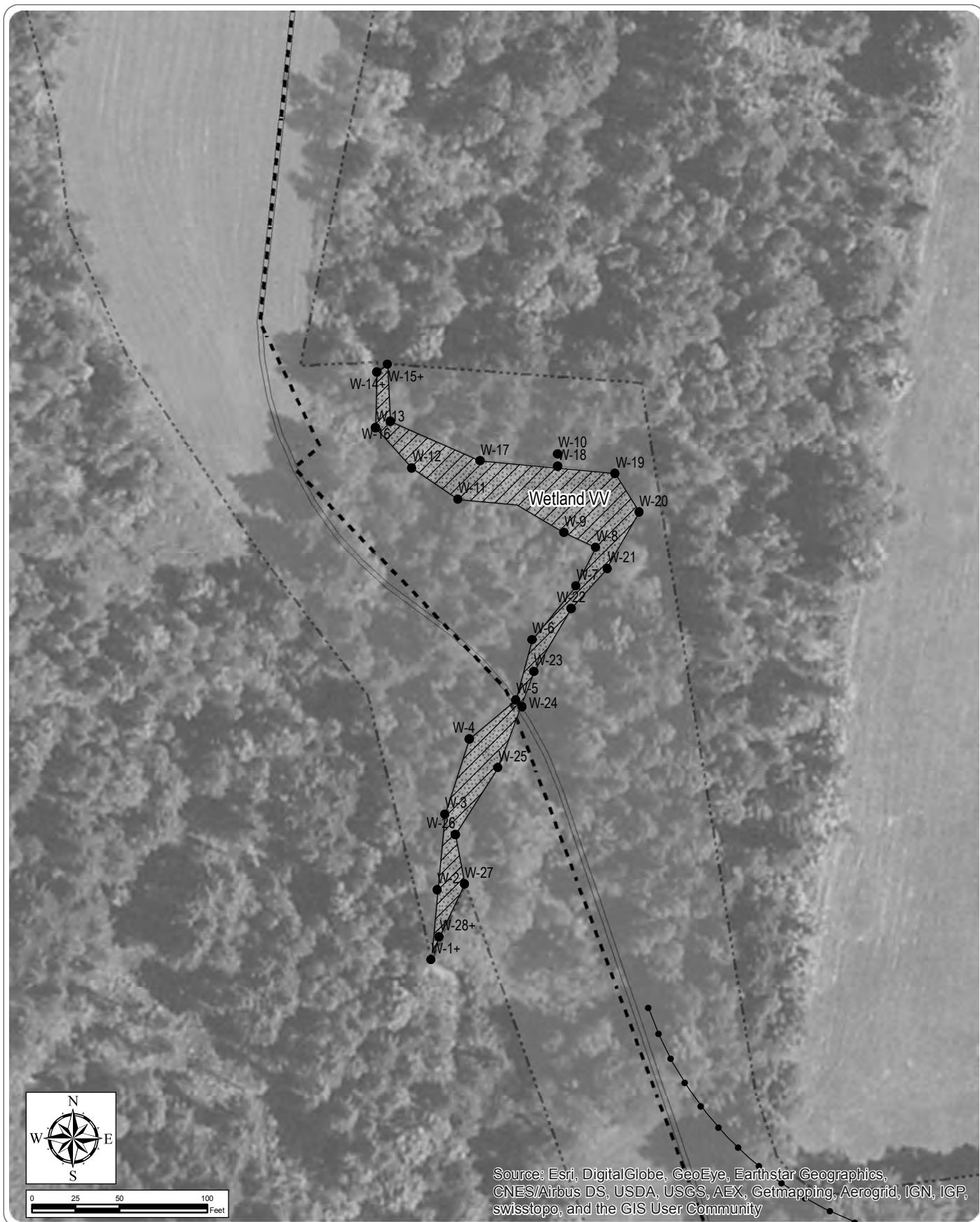
Sheet 113 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ●-● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

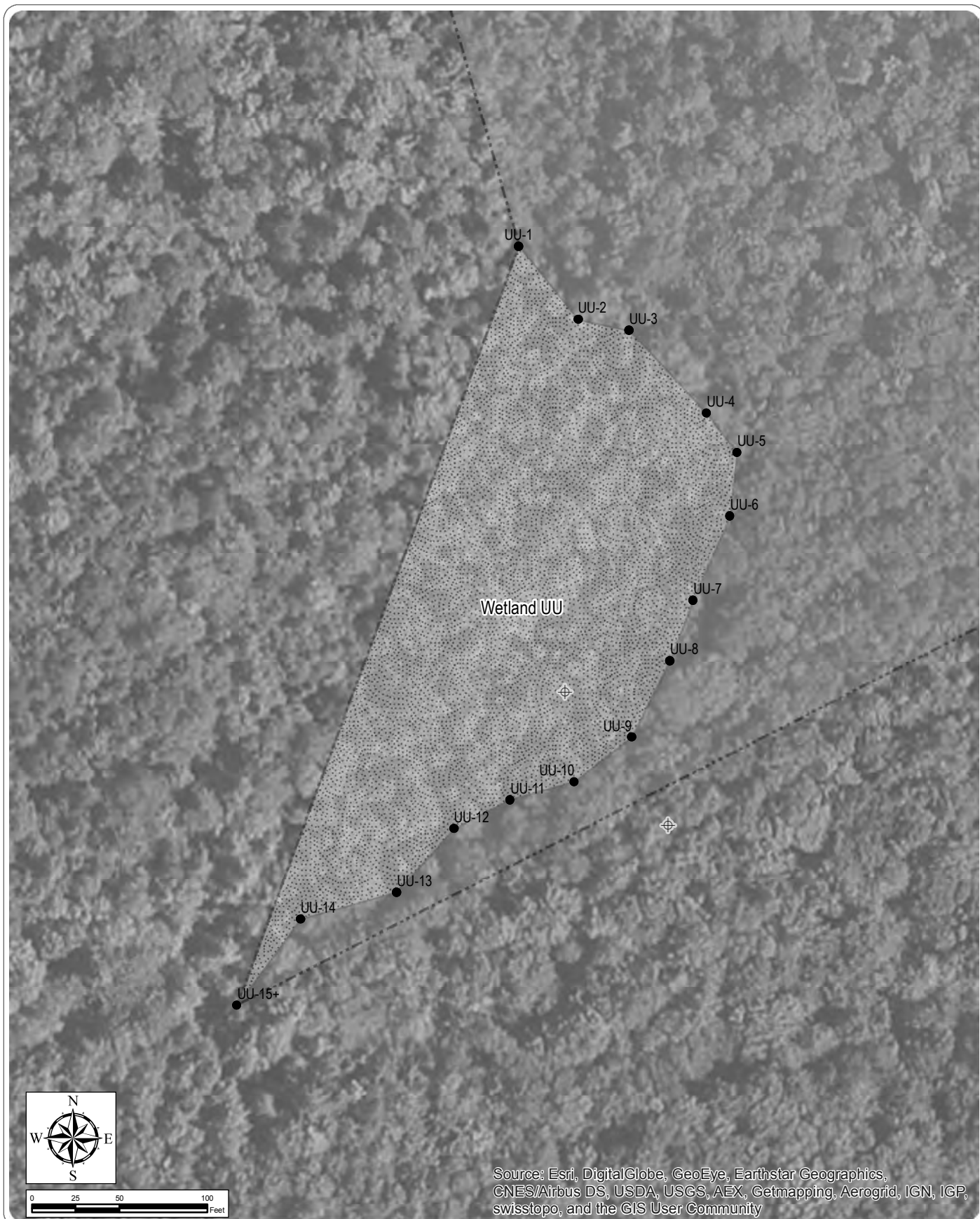
Sheet 114 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- ▨ Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- ▨ Delineated Wetland
- ▨ Delineated Stream



Jericho Rise Wind Farm Wetland Delineation Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

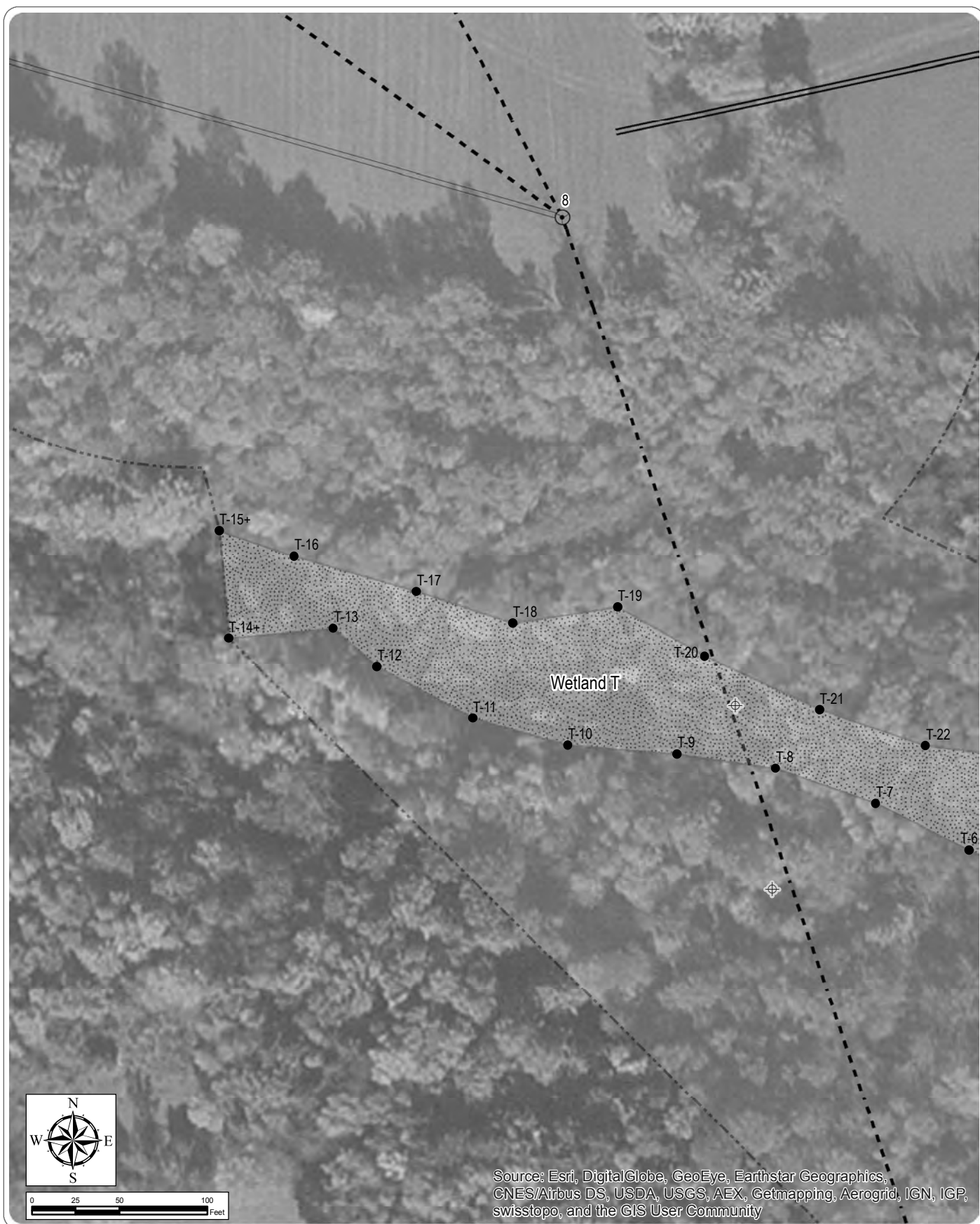
Sheet 115 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ●—● Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

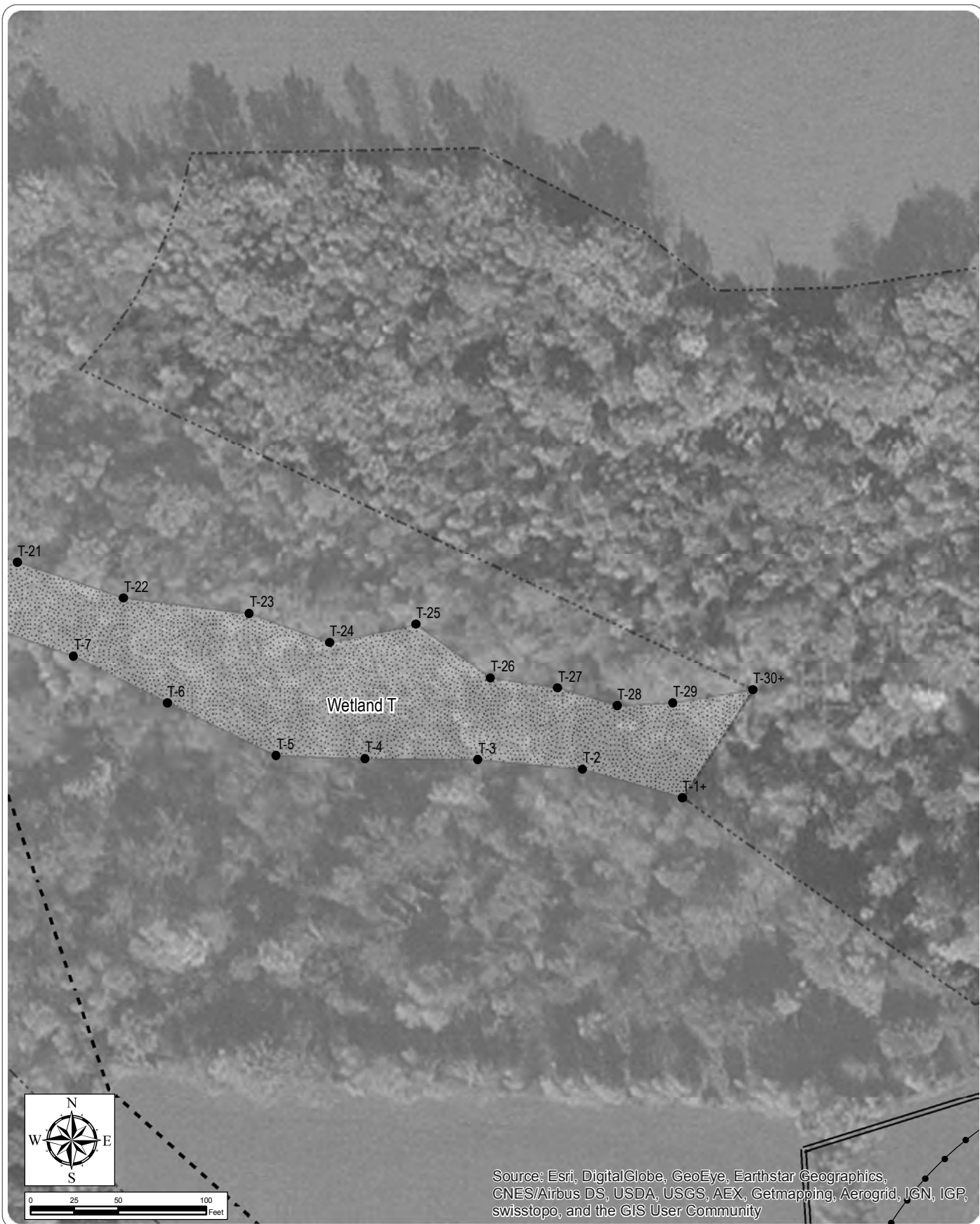
Sheet 116 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- Wind Turbine
- ▲ Met Tower
- Culvert Connection
- - - Collection Line
- == Access Road
- Construction Turning Radius
- Wetland Delineation Study Area
- Laydown Yard
- Wetland Flag
- ⊕ Data Collection Point
- Stippled Delineated Wetland
- Hatched Delineated Stream



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 117 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|-------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | Stippled Delineated Wetland |
| ○ Construction Turning Radius | Hatched Delineated Stream |



Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Figure 7: Delineated Wetlands and Streams

September 2015

Sheet 118 of 118

Notes: 1. Basemap: ESRI ArcGIS Online "World Imagery" Map Service.

2. This is a color graphic. Reproduction in grayscale may misrepresent the data.

3. Wetland Flag numbers with a "+" indicates that a wetland continues beyond the extent of the mapped wetland or is connected to other off-site wetlands.

- | | |
|---------------------------------|--------------------------------|
| ● Wind Turbine | Wetland Delineation Study Area |
| ▲ Met Tower | — Laydown Yard |
| --- Culvert Connection | ● Wetland Flag |
| - - - Collection Line | ⊕ Data Collection Point |
| == Access Road | ▨ Delineated Wetland |
| ●-● Construction Turning Radius | ▨ Delineated Stream |

Attachment B

Routine Wetland Determination Forms

(see Enclosed CD)

Stream Inventory

EDR

Observer:

Name: E. Foerland

Weather: 10:10 a.m.

Project Information:

Name: Jencho Rise Wind Farm

Number: 15035 Date: 3 June 2015

Stream Name: not mapped, un-named tributary.

Stream Location (nearest road, structure, etc.):

Wetland F

Adjacent Community: Mixed hardwood/coniferous forest - Hemlock, red maple, sugar maple, black cherry

Stream Gradient - gentle

- moderate ☒

- steep

Bank Width: 20 ft

Stream Width: 6 ft

Water Depth: 12"

Substrate: - Bed Rock
- Boulder ☒
- Cobble ☒
- Gravel ☒
- Sand
- Silt
- Clay

Instream Cover: - Undercut bank
- Overhanging vegetation ☒
- Logs/woody debris ☒
- Deep pools ☒
- Other

Flow: - Permanent ☒
- Intermittent

Photo # Photos on Emmas photo log after picture of this data form

Flag #'s Wetland F

Additional Comments: Stream not mapped on Streams inventory, crosses under the road at a ~3 ft culvert

Stream Inventory

EDR

Observer:

Name: C. Liddell
Weather: Clear, sunny, 55°F

Project Information:

Name: Jericho Rise
Number: 15033 Date: 6/4/15

Stream Name: Un-named, Wetland I

Stream Location (nearest road, structure, etc.):

North of Town Line Road, Parallel to River Road

Adjacent Community: Upland deciduous forest.

Stream Gradient - gentle ☐
- moderate ☒
- steep ☐

Bank Width: 20'±

Stream Width: 18'±

Water Depth: 1"-12"

Substrate: - Bed Rock ☐
- Boulder ☒
- Cobble ☒
- Gravel ☒
- Sand ☒
- Silt ☐
- Clay ☐

Instream Cover: - Undercut bank ☐
- Overhanging vegetation ☐
- Logs/woody debris ☒
- Deep pools ☒
- Other ☐

Flow: - Permanent ☒
- Intermittent ☐

Photo # ☐

Flag #'s Wetland I

Additional Comments: Un-named perennial stream. stream w/ boulders, Logs/debris from past logging of UDF.

Stream Inventory

EDR

Observer:

Name: C. Liddell
Weather: Sunny / Cool - 83°F

Project Information:

Name: Jessie Rose Wind
Number: 15033 Date: 7/16/15

Stream Name: Un-named tributary, NYSDEC class D

Stream Location (nearest road, structure, etc.):

South of Rt 23, Wetland KK
Adjacent Community: UDF - Upland deciduous forest

Stream Gradient - gentle X
- moderate
- steep

Bank Width: 5-6'

Stream Width: 3-4'

Water Depth: 1"-5"

Substrate: - Bed Rock
- Boulder X
- Cobble X
- Gravel X
- Sand
- Silt
- Clay

Instream Cover: - Undercut bank X
- Overhanging vegetation X
- Logs/woody debris X
- Deep pools
- Other

Flow: - Permanent
- Intermittent X

Photo #

Flag #'s Wet. K

Additional Comments: NYSDEC Class D Stream.

- Very little surface water present.
- Evidence of increase flow regimes in Spring.

Stream Inventory

EDR

Observer:

Name: C. Liddell

Weather: Sunny / Pkty Cldy

Project Information:

Name: Jericho Rise Wind Farm

Number: 15033 Date: 7/15/15

Stream Name: Un-named NYSDEC Class D

Stream Location (nearest road, structure, etc.):

Rt. 33

Adjacent Community: PSS / UDF

Stream Gradient - gentle X

- moderate

- steep

Bank Width: 15'

Stream Width: 10'

Water Depth: 3"-2'

Substrate: - Bed Rock

- Boulder X

- Cobble X

- Gravel

- Sand X

- Silt X

- Clay

Instream Cover: - Undercut bank

- Overhanging vegetation X

- Logs/woody debris X

- Deep pools X

- Other

Flow: - Permanent X

- Intermittent

Photo # -

Flag #'s Wst. Y.

Additional Comments: NYSDEC Class D stream.

- Moderate flows after storm events.

Stream Inventory

EDR

Observer:

Name: C. Liddell

Weather: Sunny 74°F

Project Information:

Name: Jericho Rise Wind Farm

Number: 15033 Date: 7/16/15

Stream Name: Un-named tributary

Stream Location (nearest road, structure, etc.):

THUS Road, due East

Adjacent Community: UDF/UCF

Stream Gradient - gentle ☒

- moderate ☐

- steep ☐

Bank Width: 15'

Stream Width: 3-5'

Water Depth: 1' - 1.5'

Substrate: - Bed Rock ☒

- Boulder ☒

- Cobble ☐

- Gravel ☐

- Sand ☐

- Silt ☒

- Clay ☐

Instream Cover: - Undercut bank ☐

- Overhanging vegetation ☒

- Logs/woody debris ☒

- Deep pools ☐

- Other ☐

Flow: - Permanent ☒

- Intermittent ☐

Photo # ☐

Flag #'s Wet. PP.

Additional Comments: Stream drains wetlands to the west. Permanent flows are evidenced and contains areas of floodplain throughout flow regime.

Stream Inventory

EDR

Observer:

Name: Chad Jull

Weather: Sunny, 74°F

Stream Name: Un-named class D (Wetland V.V.)

Project Information

Name: Jericho rise

Number: 15033 Date: 7/16/15

15033
15033

Stream Location (nearest road, structure, etc.):
UDF

Adjacent Community: UDF

Stream Gradient - gentle X
- moderate
- steep

Bank Width: 15'

Stream Width: 10'

Water Depth: 5"-10"

Substrate: - Bed Rock
- Boulder X
- Cobble X
- Gravel X
- Sand X
- Silt X
- Clay

Instream Cover: - Undercut bank X
- Overhanging vegetation X
- Logs/woody debris X
- Deep pools X
- Other

Flow: - Permanent X
- Intermittent

Photo #

Flag #'s Wet. VV flags

Additional Comments: - Wetland VV in its entirety
- Stream large w/ evidence of aquatic species present & permanent flows

Stream Inventory

EDR

Observer:

Name: C. Liddel

Weather: Sunny, 74°F

Project Information:

Name: Jericho Rise Wind

Number: 15033

Date: 7/16/15

Stream Name: Little Trout River

Stream Location (nearest road, structure, etc.):

Rt. 33 (Franklin County)

Adjacent Community: UDF / PFO

Stream Gradient - gentle X

- moderate

- steep

Bank Width: ~~100'~~ 50'

Stream Width: 45'

Water Depth: 3" - 5"

Substrate: - Bed Rock X

- Boulder X

- Cobble X

- Gravel X

- Sand

- Silt X

- Clay

Instream Cover: - Undercut bank X

- Overhanging vegetation X

- Logs/woody debris X

- Deep pools X

- Other

Flow: - Permanent X

- Intermittent

Photo #

Flag #'s Wetland WW

Additional Comments: Little Trout River, NYSDDEC Class C(T) Stream.
flows Southeast.

- Large river flows.

Stream Inventory

EDR

Observer:

Name: C. Liddell

Weather: Sunny, cool, 83°F

Project Information:

Name: Jericho Wind

Number: 15033 Date: 8/6/17

Stream Name: Un-named tributary, NYSDEC ~~Class C(T)~~ stream.
Class C(T) stream.

Stream Location (nearest road, structure, etc.):

West of Mahoney Road.

Adjacent Community: Residential / Upland deciduous

Stream Gradient - gentle X

- moderate

- steep

Bank Width: 15'

Stream Width: 8'

Water Depth: 3"-10"

Substrate: - Bed Rock
- Boulder X
- Cobble X
- Gravel X
- Sand
- Silt X
- Clay

Instream Cover: - Undercut bank
- Overhanging vegetation X
- Logs/woody debris X
- Deep pools X
- Other

Flow: - Permanent X
- Intermittent

Photo #

Flag #'s Wetland CCK

Additional Comments: - NYSDEC Class C(T) stream.

- Stream has relatively low flow regime.

- Stream water source appears to be large Wetland Complex east of Mahoney Road and is connected via culvert.

Stream Inventory

EDR

Observer:

Name: Emma Freeland
Weather: 70° Cloudy/Rainy

Project Information:

Name: Jericho Rise Wind Farm
Number: 15033 Date: Aug, 12, 2015

Stream Name: Unnamed Tributary

Stream Location (nearest road, structure, etc.):

1000ft S Healy Rd. Wetland GGG
Adjacent Community: WDF/Old field.

Stream Gradient - gentle ☒
- moderate ☐
- steep ☐

Bank Width: 1-4 ft

Stream Width: 5-3 ft

Water Depth: 1-3 inches

Substrate: - Bed Rock ☐
- Boulder ☐
- Cobble ☒
- Gravel ☒
- Sand ☐
- Silt ☒
- Clay ☐

Instream Cover: - Undercut bank ☐
- Overhanging vegetation ☒
- Logs/woody debris ☒
- Deep pools ☐
- Other ☐

Flow: - Permanent ☐
- Intermittent ☒

Photo # -
Flag #'s Wetland GGG

Additional Comments: Intermittent flows the result of irregular flooding events of a
man-made pond upstream.

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jessie Rise Wind Farm City/County: Chateaugay + Burke ^{Franklin County} Sampling Date: 2 June 2015
 Applicant/Owner: EDPR State: NY Sampling Point: WetDwetA
 Investigator(s): Conner Liddell, Emma Freeland Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): concave Slope (%): 0-3
 Subregion (LRR or MLRA): LRR-12 Lat: 44.862 Long: -74.081 Datum: UGS84
 Soil Map Unit Name: Tidal Tugilla Pennemera very stony very fine NWI classification: PEM/F0
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: _____	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>0-12"</u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>surface</u>	
Saturation Present? (includes capillary fringe)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Fercho Rise Wind Farm City/County: Chateaugay + Burke ^{Franklin County} Sampling Date: 2 June 2015
 Applicant/Owner: EDPR State: NY Sampling Point: Wet B
 Investigator(s): Connor Liddell, Emma Freeland Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Depressional Local relief (concave, convex, none): Concave Slope (%): 0-3
 Subregion (LRR or MLRA): LRR-P Lat: 44.860282° Long: -74.08140° Datum: NAD83
 Soil Map Unit Name: TDA-Tugghill + Danvers V. fine Sandy loam NWI classification: PFO/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: <u>Wetland B</u>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>0-6"</u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>surface</u>	
Saturation Present? (includes capillary fringe) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay + Burke, Franklin Sampling Date: 2 June 2015
 Applicant/Owner: EDPR State: NY Sampling Point: 100 Wet A+B
 Investigator(s): Connor Liddell, Emma Freeland Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Flat hay field Local relief (concave, convex, none): None Slope (%): 1%
 Subregion (LRR or MLRA): LRR-R Lat: 44.862 Long: -74.081 Datum: WGS 84
 Soil Map Unit Name: EDC - Empeyville + Moira very stony very fine sandy loams NWM classification: UPL + UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	if yes, optional Wetland Site ID: <u>- UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>N/A</u> Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)
<input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>N/A</u> Saturation Present? Yes <input type="checkbox"/> No <input type="checkbox"/> Depth (inches): (includes capillary fringe)		Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Sericho City/County: Chateaugay + Burke ^{Franklin County} Sampling Date: 6/3/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1W@WetC
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): SWale/Remnant Stream? Local relief (concave, convex, none): Concave depression Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.865 Long: -74.079 Datum: WGS 84
 Soil Map Unit Name: Ida-Tugbill + Dannewora, very stony very fine sand loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
If yes, optional Wetland Site ID: <u>Wetland C</u>		
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u>X</u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>< 1-2"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
Saturation Present? (includes capillary fringe) Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/3/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1U@WetC
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Alluvial Plain Local relief (concave, convex, none): Sloping - East Slope (%): 0.2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.865 Long: -74.074 Datum: NAD83
 Soil Map Unit Name: Eab Empyville stony very fine sandy loam T-3 to 100 NWI classification: Upland
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>Upland - Hay Field</u>
Hydric Soil Present?	Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present?	Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Tenino Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 6/13/2015
 Applicant/Owner: EDPR State: NY Sampling Point: W@Wet1
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.864 Long: -74.025 Datum: WGS84
 Soil Map Unit Name: Tda - Tughill + Dannermera very stony, very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>✓</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>✓</u>	No <u> </u>
Hydric Soil Present?	Yes <u>✓</u>	No <u> </u>		If yes, optional Wetland Site ID: <u>Wetland 1</u>	
Wetland Hydrology Present?	Yes <u>✓</u>	No <u> </u>			
Remarks: (Explain alternative procedures here or in a separate report.)					

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u>✓</u> Surface Water (A1)	<u>✓</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>✓</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>✓</u> Drainage Patterns (B10)	
<u>✓</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>✓</u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u>surface</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u>surface</u>		
Saturation Present? (includes capillary fringe)	Yes <u>✓</u> No <u> </u> Depth (inches): <u>0"</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/3/2018
 Applicant/Owner: EDPR State: NY Sampling Point: Wet 0
 Investigator(s): LL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): terrace Local relief (concave, convex, none): none Slope (%): 2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.864 Long: -74.075 Datum: WGS84
 Soil Map Unit Name: Tda - Tugbill + Rannemora very stony, very fine sandy loam NWI classification: VPL
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes 2 No 0-3-20 (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>- UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- Surface Water (A1)
 High Water Table (A2) N/A
 Saturation (A3)
 Water Marks (B1)
 Sediment Deposits (B2)
 Drift Deposits (B3)
 Algal Mat or Crust (B4)
 Iron Deposits (B5)
 Inundation Visible on Aerial Imagery (B7)
 Sparsely Vegetated Concave Surface (B8)

- Water-Stained Leaves (B9)
 Aquatic Fauna (B13)
 Marl Deposits (B15)
 Hydrogen Sulfide Odor (C1)
 Oxidized Rhizospheres on Living Roots (C3)
 Presence of Reduced Iron (C4)
 Recent Iron Reduction in Tilled Soils (C6)
 Thin Muck Surface (C7)
 Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- Surface Soil Cracks (B6)
 Drainage Patterns (B10)
 Moss Trim Lines (B16)
 Dry-Season Water Table (C2)
 Crayfish Burrows (C8)
 Saturation Visible on Aerial Imagery (C9)
 Stunted or Stressed Plants (D1)
 Geomorphic Position (D2)
 Shallow Aquitard (D3)
 Microtopographic Relief (D4)
 FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes No (X) Depth (inches):
 Water Table Present? Yes No (X) Depth (inches):
 Saturation Present? Yes No (X) Depth (inches):
 (includes capillary fringe)

Wetland Hydrology Present? Yes No (X)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay Burke, Franklin County Sampling Date: 3 Jun 2015
 Applicant/Owner: EDPR State: NY Sampling Point: Wetland E
 Investigator(s): CL/EE Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): swale Local relief (concave, convex, none): concave Slope (%): 0-3
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.071 Datum: NAD 83
 Soil Map Unit Name: Ida-Tugbill + Dannemora very stony very fine sandy loams NWI classification: BSS PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>✓</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>✓</u> No <u> </u>
Hydric Soil Present?	Yes <u>✓</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland E</u>	
Wetland Hydrology Present?	Yes <u>✓</u> No <u> </u>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>✓</u> Surface Water (A1)	<u>✓</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>✓</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>✓</u> Drainage Patterns (B10)
<u>✓</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>✓</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>✓</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>✓</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u> </u> No <u>✓</u> Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u>1</u>	
Saturation Present? (includes capillary fringe)	Yes <u>✓</u> No <u> </u> Depth (inches): <u>surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 11/10/2011
 Applicant/Owner: EDPR State: NY Sampling Point: _____
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Alluvial Plain Local relief (concave, convex, none): Sloping - East Slope (%): 0-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.072 Datum: NAD83
 Soil Map Unit Name: E6b - Empyville stony very fine sandy loam NWI classification: Upland - Scrub
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>(X)</u>
Hydric Soil Present? Yes _____ No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland - Scrub</u>
Wetland Hydrology Present? Yes _____ No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes _____ No <u>(X)</u>	Depth (inches): _____	Wetland Hydrology Present? Yes _____ No <u>(X)</u>
Water Table Present? Yes _____ No <u>(X)</u>	Depth (inches): _____	
Saturation Present? Yes _____ No <u>(X)</u>	Depth (inches): _____	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay & Burke, Franklin Sampling Date: 6/3/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1W@Wet G
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside seep Local relief (concave, convex, none): Sloping - North Slope (%): 2%
 Subregion (LRR or MLRA): LRR Lat: 44.867 Long: -74.062 Datum: WGS 84
 Soil Map Unit Name: TAW-Tugbill-Pennemora very stony vegetation 2 sandy loams 0-3% slope NWI classification: UPL
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland G</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u><1"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>6"</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u> (includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- old spring.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jalisco City/County: Chateaugay + Burke, Franklin County Sampling Date: 3 June 2015
 Applicant/Owner: EDPR, NA State: NY Sampling Point: 100' Wet G
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): gentle slope Local relief (concave, convex, none): none Slope (%): 5%
 Subregion (LRR or MLRA): LRR-R Lat: 44.867 Long: -74.062 Datum: NAD 83
 Soil Map Unit Name: Eub - Empyrean, 11c stony very fine sandy loam 5-8% NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Wetland 1/6 Upland deciduous forest.</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>1/1</u>		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Enrich City/County: Chakaungay + Burke, Franklin County Sampling Date: 3 June 2015
 Applicant/Owner: EDPR State: NY Sampling Point: 1Wet H
 Investigator(s): CL/EE Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Wet swale Local relief (concave, convex, none): Concave Slope (%): 0-3
 Subregion (LRR or MLRA): LRR Lat: 44.867 Long: -74.064 Datum: WGS84
 Soil Map Unit Name: Wmb - Westbury + Denhamora very stony fine sandy loam NWI classification: IFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland H</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>✓</u> Drainage Patterns (B10)
<u>✓</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>✓</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u>4 3"</u>	Wetland Hydrology Present? Yes <u>✓</u> No <u> </u>
Water Table Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u>3</u>	
Saturation Present? (includes capillary fringe)	Yes <u>✓</u> No <u> </u> Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chautauque + Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@W&H
 Investigator(s): CL, EE Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - North Slope (%): 2-5%
 Subregion (LRR or MLRA): LRR Lat: 44.867 Long: -74.065 Datum: NAD83
 Soil Map Unit Name: Wmb - Westbury + Dannemora very stony fine sandy loam NWI classification: Upland - DF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, optional Wetland Site ID: <u>Upland deciduous forest</u>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3) <u>N/A</u>	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (includes capillary fringe)	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2W@W4H
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside Scarp Local relief (concave, convex, none): Sloping East Slope (%): 1-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.063 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Dannemora very stony fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>		
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID:	<u>Wetland H</u>
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>16"</u>	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 214@WTH
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - East Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.083 Datum: WGS 84
 Soil Map Unit Name: Wha - Westbury + Donnemera very stony very fine sandy loam NWI Classification: uCF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>uCF</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>X</u> (includes capillary fringe)	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Fairfax City/County: Chatham + Burke Franklin County Sampling Date: 2015-06-04
 Applicant/Owner: EDPR State: NY Sampling Point: Wetland J
 Investigator(s): CL/EE Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): hillside slope Local relief (concave, convex, none): gentle, mostly down Slope (%): 3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.871 Long: -74.065 Datum: WGS84
 Soil Map Unit Name: EAC - Empressville stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland J</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jessieho City/County: Chateaugay + Burke, Franklin County Sampling Date: 2015-08-04
 Applicant/Owner: EDPR State: NY Sampling Point: 11/04/etJ
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): earlyly hilly slope Slope (%): 15-20
 Subregion (LRR or MLRA): LRR-R Lat: 44.871 Long: -74.066 Datum: WGS 84
 Soil Map Unit Name: Eac-Emeryville stony very fine sandy loam 8-15% NWI classification: N/A - UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/4/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1W@W@K
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside seep Local relief (concave, convex, none): Sloping - North Slope (%): 3-5%
 Subregion (LRR or MLRA): UPR-R Lat: 44.871 Long: -74.069 Datum: WGS84
 Soil Map Unit Name: Tughill/Dannewere stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland K</u>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input checked="" type="checkbox"/> Moss Trim Lines (B16)
<input checked="" type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>3"</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 4 June 2015
 Applicant/Owner: EDPR, NA State: NY Sampling Point: 11/6/2015
 Investigator(s): CLIFF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): gentle hillslope Local relief (concave, convex, none): sloping northwest Slope (%): 5%
 Subregion (LRR or MLRA): LRR-2 Lat: 44.871 Long: -74.069 Datum: NAD 83
 Soil Map Unit Name: Wmb - Westbury + Ramapo, stony very fine sandy loam NWI classification: Upland
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/4/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: W@Wet L
 Investigator(s): CL, EF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Drainage/Swale Local relief (concave, convex, none): Concave/Slight Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.072 Datum: WGS84
 Soil Map Unit Name: Wmb - Westbury + Danmora clay very fine sand & silty loam NWJ classification: Wet meadow
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>		
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland L</u>	
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u> </u> No <u>X</u> Depth (inches):	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present?	Yes <u> </u> No <u>X</u> Depth (inches):	
Saturation Present? (includes capillary fringe)	Yes <u> </u> No <u>X</u> Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/4/15
 Applicant/Owner: EDPR State: NY Sampling Point: U@WetL
 Investigator(s): CL, EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Plains Local relief (concave, convex, none): Flat Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.872 Long: -74.072 Datum: WGS 84
 Soil Map Unit Name: Umb - Ussitany + Deane-mora stony very fine sandy loam NWI classification: Upland
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, optional Wetland Site ID: <u>Upland - Old field</u>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3) <u>N/A</u>	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 611123 City/County: Chateaugay + Burke, Franklin County Sampling Date: 4 Jan 15
 Applicant/Owner: EDR State: NY Sampling Point: 1WQWetM
 Investigator(s): CL/EE Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): alluvial terrace Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.074 Datum: NAD 83
 Soil Map Unit Name: Tda-Tyghill + Pennumara very stony very fine sand NWJ classification: PEU/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>		
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID:	<u>Wetland M</u>
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>✓</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>✓</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u> </u> No <u>✓</u> Depth (inches): <u>1-12" surface</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present?	Yes <u>✓</u> No <u> </u> Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe)	Yes <u>✓</u> No <u> </u> Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chickasaw + Burke, Franklin County Sampling Date: 6/4/15
 Applicant/Owner: EPFR WA State: NY Sampling Point: 14 @ Wet M
 Investigator(s): CL / EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - NE Slope (%): 2-7%
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.074 Datum: NAD 83
 Soil Map Unit Name: Una - Westbury + Denneville very stony Ave sandy loam NWI classification: Upland - DF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u> If yes, optional Wetland Site ID: <u>Upland deciduous forest</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Surface Water (A1) | <input type="checkbox"/> Water-Stained Leaves (B9) |
| <input type="checkbox"/> High Water Table (A2) | <input type="checkbox"/> Aquatic Fauna (B13) |
| <input type="checkbox"/> Saturation (A3) | <input type="checkbox"/> Marl Deposits (B15) |
| <input type="checkbox"/> Water Marks (B1) | <input type="checkbox"/> Hydrogen Sulfide Odor (C1) |
| <input type="checkbox"/> Sediment Deposits (B2) | <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) |
| <input type="checkbox"/> Drift Deposits (B3) | <input type="checkbox"/> Presence of Reduced Iron (C4) |
| <input type="checkbox"/> Algal Mat or Crust (B4) | <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) |
| <input type="checkbox"/> Iron Deposits (B5) | <input type="checkbox"/> Thin Muck Surface (C7) |
| <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) | <input type="checkbox"/> Other (Explain in Remarks) |
| <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) | |

Secondary Indicators (minimum of two required)

- | |
|--|
| <input type="checkbox"/> Surface Soil Cracks (B6) |
| <input type="checkbox"/> Drainage Patterns (B10) |
| <input type="checkbox"/> Moss Trim Lines (B16) |
| <input type="checkbox"/> Dry-Season Water Table (C2) |
| <input type="checkbox"/> Crayfish Burrows (C8) |
| <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) |
| <input type="checkbox"/> Stunted or Stressed Plants (D1) |
| <input type="checkbox"/> Geomorphic Position (D2) |
| <input type="checkbox"/> Shallow Aquitard (D3) |
| <input type="checkbox"/> Microtopographic Relief (D4) |
| <input type="checkbox"/> FAC-Neutral Test (D5) |

Field Observations:

Surface Water Present? Yes No (X) Depth (inches):
 Water Table Present? Yes No (X) Depth (inches):
 Saturation Present? Yes No (X) Depth (inches):
 (includes capillary fringe)

Wetland Hydrology Present? Yes No (X)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Salicho City/County: Chateaugay + Burke, Franklin county Sampling Date: 4 Jun 2015
 Applicant/Owner: EDPR State: NY Sampling Point: Wetland
 Investigator(s): CLIFF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Swale-gently sloping Local relief (concave, convex, none): CONCAVE Slope (%): 0-3
 Subregion (LRR or MLRA): LRR-E Lat: 44.872 Long: -74.076 Datum: NAD 83
 Soil Map Unit Name: Tda-Tussock + Dannebora very clayey very fine sand loams NWI classification: B1B1/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland M</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>Surface</u>	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin canty Sampling Date: 6/4/15
 Applicant/Owner: EDPR State: NY Sampling Point: 140WctN
 Investigator(s): CL, EF Section, Township, Range: N 1 A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - Exposed North East Slope (%): 3-8%
 Subregion (LRR or MLRA): 2 RR-R Lat: 44.872 Long: -74.076 Datum: NAD 83
 Soil Map Unit Name: Wna - Westbury + Danmura very stony fine sandy loam NWI classification: PS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland deciduous forest</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3) <u>N/A</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: June 3, 2015
 Applicant/Owner: EDPR, NA State: NY Sampling Point: WGS-84
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): undulating to level Slope (%): 0-5
 Subregion (LRR or MLRA): LRR-R Lat: 44.876 Long: -74.084 Datum: WGS-84
 Soil Map Unit Name: Wna-Westbury + Danemora, very clay fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 0</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>✓</u> Depth (inches): Water Table Present? Yes <u> </u> No <u>✓</u> Depth (inches): Saturation Present? Yes <u> </u> No <u>✓</u> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke Franklin County Sampling Date: 6/5/15
 Applicant/Owner: EDPR-NA State: NY Sampling Point: 1W@ WetC
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hilltop Local relief (concave, convex, none): slaping- North Slope (%): 0.3%
 Subregion (LRR or MLRA): LR-R Lat: 44.876 Long: -74.084 Datum: WGS84
 Soil Map Unit Name: Wna-Westbury + Danemora very stony fine sandy loam NWI classification: Upland-DF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	If yes, optional Wetland Site ID: <u>Upland - deciduous forest</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Saturation Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
(includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke, Franklin County Sampling Date: 6/5/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wet P
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside Scap Local relief (concave, convex, none): Sloping - N Slope (%): 5-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.875 Long: -74.082 Datum: WGS84
 Soil Map Unit Name: Eab - Empeyville stony very fine sandy loams NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
If yes, optional Wetland Site ID: <u>Wetland P</u>		
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>1"-3"</u> Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>11"</u> Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u> (includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho City/County: Chateaugay + Burke ^{Franklin County} Sampling Date: 6/5/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1U@WetP
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - NE Slope (%): 0-3%
 Subregion (LRR or MLRA): LRR Lat: 44.875 Long: -74.081 Datum: WGS84
 Soil Map Unit Name: Eab - Empyrean like stony very fine sand loam NWI classification: Upland
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>Upland - Hay field.</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3) <u>N/A</u>	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2W@Wet P79
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Plain slope / seep Local relief (concave, convex, none): undulating Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.880 Long: -74.0801 Datum: WGS 84
 Soil Map Unit Name: Tca - Tug Hill - Ozanne area stony very fine sandy loam NWI classification: PFM / Wet Meadow
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland P</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>1" +</u>		
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>surface</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>surface</u>		
(includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2U@WHP
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - NE Slope (%): 1-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44-880 Long: -74-081 Datum: WGS 84
 Soil Map Unit Name: Tca - Tugbill + Danvers stony very fine sandy loam NWI classification: Old field
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Old field</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)
<u> </u> Sparsely Vegetated Concave Surface (B8)	

Secondary Indicators (minimum of two required)

<u> </u> Surface Soil Cracks (B6)
<u> </u> Drainage Patterns (B10)
<u> </u> Moss Trim Lines (B16)
<u> </u> Dry-Season Water Table (C2)
<u> </u> Crayfish Burrows (C8)
<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Geomorphic Position (D2)
<u> </u> Shallow Aquitard (D3)
<u>X</u> Microtopographic Relief (D4)
<u> </u> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes <u> </u> No <u> </u>	Depth (inches): <u>N/A</u>
Water Table Present? Yes <u> </u> No <u> </u>	Depth (inches): <u>N/A</u>
Saturation Present? Yes <u> </u> No <u> </u>	Depth (inches): <u>N/A</u>

Wetland Hydrology Present? Yes No (X)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WetQ
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Pond/Seep Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.883 Long: -74.085 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + Denmark very stony very fine sandy loam NWI classification: OW/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u>	No <u> </u>
Hydric Soil Present?	Yes <u>X</u>	No <u> </u>		If yes, optional Wetland Site ID: <u>Wetland Q</u>	
Wetland Hydrology Present?	Yes <u>X</u>	No <u> </u>			
Remarks: (Explain alternative procedures here or in a separate report.)					

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>X</u> High Water Table (A2)	<u>X</u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u>X</u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u>X</u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u>X</u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>2"-2"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Saturation Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
(includes capillary fringe)			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: <u>- old beaver dam/lodge.</u>			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/14/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WetQ
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Undulating-Terrace Local relief (concave, convex, none): Sloping West Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.883 Long: -74.084 Datum: WGS 84
 Soil Map Unit Name: Uda - Tughill + Danmorea very stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
If yes, optional Wetland Site ID: <u>UDF</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3) <u>~ Rain</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <u>X</u> No <u> </u>	Depth (inches): <u>1" - Rain</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2W@W+Q
 Investigator(s): C. Liddell Section, Township, Range: N/A Q-53
 Landform (hillslope, terrace, etc.): Dark Swale/Depression Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.883 Long: -74.085 Datum: WGS 84
 Soil Map Unit Name: Tda-Tugbill and Dammara very stony very fine sandy loams NWI classification: PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: <u>Wetland Q</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>2"</u> Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u> Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u> (includes capillary fringe)	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 700W40Q
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - NE Slope (%): 3-5%
 Subregion (LRR or MLRA): LRR-R Lat: 44.880 Long: -74.082 Datum: WGS 84
 Soil Map Unit Name: Tda - Tug Hill Pannemora very stony very fine sandstone NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
If yes, optional Wetland Site ID: <u>UDF</u>	
Remarks: <u>Explain alternative procedures here or in a separate report.</u>	

HYDROLOGY

Wetland Hydrology Indicators		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of two required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Coastal Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Describe Recorded Data (e.g., gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7-15-15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1Wewdr
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Remnant Stream/Drainway Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.891 Long: -74.09 Datum: WGS 84
 Soil Map Unit Name: Tda - Tughill + Dennermore very stony very fine sandy loam NWI classification: PSS/PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u>	No <u> </u>
Hydric Soil Present?	Yes <u>X</u>	No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland R</u>		
Wetland Hydrology Present?	Yes <u>X</u>	No <u> </u>			

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)

Field Observations:		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Surface Water Present?	Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>16"</u>	
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@Wet R
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - south east Slope (%): 3-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.891 Long: -74.089 Datum: WGS 84
 Soil Map Unit Name: Eac-Emeryville stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>UDF</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3) - Rain	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>1' Rain</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wt-S
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Swale/Remnant Stream Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.896 Long: -74.092 Datum: WGS 84
 Soil Map Unit Name: Edc - Empsville + Meira very clay very fine sandy loam 8-25% NWI classification: PEM/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland S</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>2"</u> (includes capillary fringe)		Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 11/10/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 7/15/15
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping North Slope (%): 5-10%
 Subregion (LRR or MLRA): LRR-R Lat: 44.895 Long: -74.092 Datum: WGS 84
 Soil Map Unit Name: Ida - Tugbill + Denhamer a very stony very fine sand loam NWI classification: UDF / Scrub
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u> If yes, optional Wetland Site ID: <u>UDF / Scrub</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3) - <u>Rain</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):		
Saturation Present? (includes capillary fringe) Yes <u>(X)</u> No <u> </u>	Depth (inches): <u>1" - Rain</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 100 Wet T
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Swale / Remnant Stream Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.899 Long: -74.095 Datum: WGS 84
 Soil Map Unit Name: Tda - Tug Hill - Denmark very clay very fine sandy loam NWI classification: PEM / PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland T</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u>X</u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u>X</u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>		
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>18"</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
(includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jéricho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@Wd+T
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Slight slope - North Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.899 Long: -74.095 Datum: WGS 84
 Soil Map Unit Name: Tda - Tughill + Dannemora very stony very fine sandy loam NWI classification: 0-39 wetland
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3) = <u>Rain</u>	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>Rain - 2"</u>	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: W@W+U
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside seep Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.904 Long: -74.098 Datum: WGS 84
 Soil Map Unit Name: Wna - westbury + Denton very stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland U</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches):	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches):		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>1"</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WtU
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope / undulating Local relief (concave, convex, none): Sloping - North East Slope (%): 1-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.904 Long: -74.099 Datum: WGS 84
 Soil Map Unit Name: Edc - Empsville mra very stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)	
<u> </u> Saturation (A3) <u>N/A</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):		
Saturation Present? Yes <u> </u> No <u>X</u>	Depth (inches):		
(includes capillary fringe)			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 11/20/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 7/15/15
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Depressional Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.91 Long: -74.103 Datum: WGS 84
 Soil Map Unit Name: Edc - Empyville + Moira very stony very fine sandy loam NW classification: PEM/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 8-25% (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland V</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>NYSDDEC: CG-6</u>		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u>X</u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>22"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>1 ft</u>	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 10/7/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WetV
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - North Slope (%): 5-10%
 Subregion (LRR or MLRA): LRR-R Lat: 44.91 Long: -74.103 Datum: WGS 84
 Soil Map Unit Name: Sua - Su very stony loam, 0-5% slope NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W2W2W
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Stream Channel Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.869 Long: -74.118 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Dennera very stony fine sandy loams NWI classification: PFO / PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland W</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1) <u>22"</u>	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>22"</u>		
Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>1"</u>		
(includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: U@W@W
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - South Slope (%): 5-10%
 Subregion (LRR or MLRA): LRR-R Lat: 44.869 Long: -74.118 Datum: WGS 84
 Soil Map Unit Name: Wt - North + Parishville soils 25-60% slope NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>UDF</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3) <u>N/A</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Saturation Present? Yes <u> </u> No <u>X</u> (includes capillary fringe)	Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: W@Wet.X
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Remnant Stream/Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.871 Long: -74.117 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + Donmore very stony very fine sandy loams NWI classification: PEM/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-3% slope (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland X</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
<u>Primary Indicators (minimum of one is required; check all that apply)</u>			
<u> </u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u> </u> No <u>X</u> Depth (inches):	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>6"</u>		
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: U@WtX
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - South Slope (%): 5-10%
 Subregion (LRR or MLRA): LRR-R Lat: 44.872 Long: -74.117 Datum: WGS 84
 Soil Map Unit Name: Edc - Empyville + Manna very stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u> If yes, optional Wetland Site ID: <u>UDF</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Saturation Present? Yes <u> </u> No <u>(X)</u> Depth (inches): (includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: WQW#4
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 88.44.873 Long: -74.119 Datum: WGS 84
 Soil Map Unit Name: Ida - Tugbill + Dannemora very stony very fine sandy loam NWI classification: PSS/RUP
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-3% slope (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID:	<u>Wetland 4</u>
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>		
Remarks: (Explain alternative procedures here or in a separate report.) <u>Floodplain / Stream complex.</u>			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input checked="" type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input checked="" type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>3'-2'</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>20"</u>	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 140WdY
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - South Slope (%): 3-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.118 Datum: WGS 84
 Soil Map Unit Name: Tda-Tughill + Dubremora very stony very fine sandy loams NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Tartcho Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1WQWt-Z
 Investigator(s): CL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Roadside/undulating Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR Lat: 49.879 Long: -74.114 Datum: NAD83
 Soil Map Unit Name: Wsb - Worth very stony fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: <u>Wetland Z</u>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input checked="" type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>4"</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Wetland hydrology present</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay + Burke, Franklin county Sampling Date: 7/17/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@Wet2
 Investigator(s): CLIFF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): _____ Local relief (concave, convex, none): sloping - NE Slope (%): 1-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.879 Long: -74.113 Datum: NAD83
 Soil Map Unit Name: Waa - Westbury - Donnemora very stony fine sandy loam NWI classification: Upland - Old Field
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes _____ No <u>(X)</u>
Hydric Soil Present? Yes _____ No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Old Field</u>
Wetland Hydrology Present? Yes _____ No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes _____ No <u>X</u> Depth (inches): _____ Water Table Present? Yes _____ No <u>X</u> Depth (inches): _____ Saturation Present? Yes _____ No <u>X</u> Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes _____ No <u>(X)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- No Wetland hydrology present</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WetAA
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hills: x seep Local relief (concave, convex, none): Concave Slope (%):
 Subregion (LRR or MLRA): LRR-R Lat: 44.878 Long: -74.111 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + Deane - rare very stony very fine sandy loam NWI classification: PSS/PFO/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u></u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u></u>
Hydric Soil Present?	Yes <u>X</u> No <u></u>	If yes, optional Wetland Site ID: <u>Wetland AA</u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u></u>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u></u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u></u> Surface Soil Cracks (B6)
<u></u> High Water Table (A2)	<u></u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u></u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u></u> Water Marks (B1)	<u></u> Hydrogen Sulfide Odor (C1)	<u></u> Dry-Season Water Table (C2)
<u></u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u></u> Crayfish Burrows (C8)
<u></u> Drift Deposits (B3)	<u></u> Presence of Reduced Iron (C4)	<u></u> Saturation Visible on Aerial Imagery (C9)
<u></u> Algal Mat or Crust (B4)	<u></u> Recent Iron Reduction in Tilled Soils (C6)	<u></u> Stunted or Stressed Plants (D1)
<u></u> Iron Deposits (B5)	<u></u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u></u> Inundation Visible on Aerial Imagery (B7)	<u></u> Other (Explain in Remarks)	<u></u> Shallow Aquitard (D3)
<u></u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u></u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u></u> No <u>X</u> Depth (inches):	Wetland Hydrology Present? Yes <u>X</u> No <u></u>
Water Table Present?	Yes <u></u> No <u>X</u> Depth (inches):	
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u></u> Depth (inches): <u>1"</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@Wt+AA
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping-North east Slope (%): 5-10%
 Subregion (LRR or MLRA): LRR-R Lat: 44.878 Long: -74.111 Datum: WGS 84
 Soil Map Unit Name: Tda-Tyghill & Dannebury very stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes x No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes x No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(x)</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>(x)</u> Depth (inches):		
Saturation Present? Yes <u> </u> No <u>(x)</u> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1 W@W#BB
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside Seep Local relief (concave, convex, none): Slight slope - NW Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.874 Long: -74.1 Datum: WGS 84
 Soil Map Unit Name: Wma - Westbury + Danmora stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland BB</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe) Yes <u>X</u> No <u> </u>	Depth (inches): <u>4"</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@W+BS
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill-top Local relief (concave, convex, none): Dome-like Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.874 Long: -74.029 Datum: WGS 84
 Soil Map Unit Name: Wma - Westbury + Danmora stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W+CC
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Depressional Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.099 Datum: WGS 84
 Soil Map Unit Name: Tds - Tug Hill + De Nemora very stony very fine sandy loam NWI classification: PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland CC</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
<u>Primary Indicators (minimum of one is required; check all that apply)</u>		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>4"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>18"</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Small stream incision.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 11@ Wet CC
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - SE Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.873 Long: -74.1 Datum: WGS 84
 Soil Map Unit Name: Ecd-Empeyville moraine stony very fine sandyclay loams NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, optional Wetland Site ID: <u>UDF</u>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches):		
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): (includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W4D
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Drainage Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.086 Datum: WGS 84
 Soil Map Unit Name: Ida-Tughill + Dannemora very clay very fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID:	<u>Wetland DD</u>
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u>X</u> Surface Water (A1)	<u>X</u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>X</u> High Water Table (A2)	<u>X</u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>25"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: LU@W+DD
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Roadside Slope Local relief (concave, convex, none): Slope - slight to N Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.866 Long: -74.086 Datum: WGS 84
 Soil Map Unit Name: Eac - Empayville stony very fine sandy loam NWI classification: Meadow
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Meadow</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: W@Wt EE
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Beaver Pond Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.888 Long: -74.102 Datum: WGS 84
 Soil Map Unit Name: Ida-Tugbill + Dannebec very stony very fine sandy loam NWI classification: OW/PEM/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland EE</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Old beaver Pond</u> <u>- Evidence of heavy flooding</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input checked="" type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input checked="" type="checkbox"/> Crayfish Burrows (C8)
<input checked="" type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input checked="" type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input checked="" type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input checked="" type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input checked="" type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>2' 3.5'</u>		
Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>5"</u>		
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u>		
(includes capillary fringe)		Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@Wet EE
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping-North Slope (%): 8-15%
 Subregion (LRR or MLRA): LRR-R Lat: 44.988 Long: -74.102 Datum: WGS 84
 Soil Map Unit Name: Ute-Worth and Parthville soils, 25-60% slopes NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W&FF
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Terrace-I, C Local relief (concave, convex, none): Undulating Slope (%): —
 Subregion (LRR or MLRA): LRR-R Lat: 44.886 Long: -74.101 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + Dan nemorra very stony very fine sand loams NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No — (If no, explain in Remarks.)
 Are Vegetation —, Soil —, or Hydrology — significantly disturbed? Are "Normal Circumstances" present? Yes X No —
 Are Vegetation —, Soil —, or Hydrology — naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u>—</u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u>—</u> If yes, optional Wetland Site ID: <u>Wetland FF</u>
Hydric Soil Present?	Yes <u>X</u> No <u>—</u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u>—</u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input checked="" type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input checked="" type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input checked="" type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u>X</u> No <u>—</u> Depth (inches): <u>24"</u> Water Table Present? Yes <u>X</u> No <u>—</u> Depth (inches): <u>20"</u> Saturation Present? Yes <u>X</u> No <u>—</u> Depth (inches): <u>3"</u> (includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u>—</u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@wetFF
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - South Slope (%): 3-5%
 Subregion (LRR or MLRA): LRR-R Lat: 44-886 Long: -74.101 Datum: WGS 84
 Soil Map Unit Name: Ecd - Empeyville + Moira - silty very fine sandy loams NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <u> </u> Surface Water (A1) <u> </u> Water-Stained Leaves (B9) <u> </u> High Water Table (A2) <u> </u> Aquatic Fauna (B13) <u> </u> Saturation (A3) <u> </u> Marl Deposits (B15) <u> </u> Water Marks (B1) <u> </u> Hydrogen Sulfide Odor (C1) <u> </u> Sediment Deposits (B2) <u> </u> Oxidized Rhizospheres on Living Roots (C3) <u> </u> Drift Deposits (B3) <u> </u> Presence of Reduced Iron (C4) <u> </u> Algal Mat or Crust (B4) <u> </u> Recent Iron Reduction in Tilled Soils (C6) <u> </u> Iron Deposits (B5) <u> </u> Thin Muck Surface (C7) <u> </u> Inundation Visible on Aerial Imagery (B7) <u> </u> Other (Explain in Remarks) <u> </u> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <u> </u> Surface Soil Cracks (B6) <u> </u> Drainage Patterns (B10) <u> </u> Moss Trim Lines (B16) <u> </u> Dry-Season Water Table (C2) <u> </u> Crayfish Burrows (C8) <u> </u> Saturation Visible on Aerial Imagery (C9) <u> </u> Stunted or Stressed Plants (D1) <u> </u> Geomorphic Position (D2) <u> </u> Shallow Aquitard (D3) <u> </u> Microtopographic Relief (D4) <u> </u> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Saturation Present? Yes <u> </u> No <u>(X)</u> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wet GG
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Depressional Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.892 Long: -74.117 Datum: WGS 84
 Soil Map Unit Name: SK - strong land, worth + Perishable soils NWI classification: PSS/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland GG</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WetGG
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - South Slope (%): 3-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.892 Long: -74.117 Datum: WGS 84
 Soil Map Unit Name: Ede - Empyretic Mera very stony very fine sand loam NWI classification: Old Field
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>Old Field</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W+HH
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Depositional Swale Local relief (concave, convex, none): Concave-Undulating Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.894 Long: -74.120 Datum: WGS 84
 Soil Map Unit Name: Tdg - Tughill + Dunmore very stony, very fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland HH/MM</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u>X</u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u>X</u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>43"</u>		
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Connects to large pond to the West.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 10/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 7/16/15
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope - Slight Local relief (concave, convex, none): Sloping - South Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.894 Long: -74.12 Datum: WGS 84
 Soil Map Unit Name: Eab - Empyrean clay very fine sandy loam NWI classification: Shrub Meadow
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Shrub Meadow</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2W@Wt+HH/MM
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside seep Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.894 Long: -74.118 Datum: WGS 84
 Soil Map Unit Name: Ida-Tughill Densmore very stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u>	No <u> </u>
Hydric Soil Present?	Yes <u>X</u>	No <u> </u>		If yes, optional Wetland Site ID: <u>Wetland HH/MM</u>	
Wetland Hydrology Present?	Yes <u>X</u>	No <u> </u>			
Remarks: (Explain alternative procedures here or in a separate report.)					

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>2" pools</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>8"</u>	
Saturation Present? (includes capillary fringe)	Yes <u> </u> No <u> </u> Depth (inches): <u>Surface</u>	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 24@wet HH/MM
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside - slight Local relief (concave, convex, none): Slight slope - North Slope (%): 2-6%
 Subregion (LRR or MLRA): LRR-R Lat: 44.894 Long: -74.118 Datum: WGS 84
 Soil Map Unit Name: TdA - Tugbill - Danvers very clay, very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
If yes, optional Wetland Site ID: <u>UDF</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <u> </u> Surface Water (A1) <u> </u> Water-Stained Leaves (B9) <u> </u> High Water Table (A2) <u> </u> Aquatic Fauna (B13) <u> </u> Saturation (A3) <u> </u> Marl Deposits (B15) <u> </u> Water Marks (B1) <u> </u> Hydrogen Sulfide Odor (C1) <u> </u> Sediment Deposits (B2) <u> </u> Oxidized Rhizospheres on Living Roots (C3) <u> </u> Drift Deposits (B3) <u> </u> Presence of Reduced Iron (C4) <u> </u> Algal Mat or Crust (B4) <u> </u> Recent Iron Reduction in Tilled Soils (C6) <u> </u> Iron Deposits (B5) <u> </u> Thin Muck Surface (C7) <u> </u> Inundation Visible on Aerial Imagery (B7) <u> </u> Other (Explain in Remarks) <u> </u> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <u> </u> Surface Soil Cracks (B6) <u> </u> Drainage Patterns (B10) <u> </u> Moss Trim Lines (B16) <u> </u> Dry-Season Water Table (C2) <u> </u> Crayfish Burrows (C8) <u> </u> Saturation Visible on Aerial Imagery (C9) <u> </u> Stunted or Stressed Plants (D1) <u> </u> Geomorphic Position (D2) <u> </u> Shallow Aquitard (D3) <u> </u> Microtopographic Relief (D4) <u> </u> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Saturation Present? Yes <u> </u> No <u>(X)</u> Depth (inches): (includes capillary fringe)		Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W4II
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Depressional Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.896 Long: -74.120 Datum: WGS 84
 Soil Map Unit Name: Fbb - Empyville very stony very fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland II</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input checked="" type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input checked="" type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u> </u>		
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u> </u> (includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: IU@Wt II
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope/undulating Local relief (concave, convex, none): Slight slope - South Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.896 Long: -74.120 Datum: WGS 84
 Soil Map Unit Name: Ebb - Empyville very stony very fine sandy loam NWI classification: Scrub-Shrub
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Scrub/Shrub</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Saturation Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
(includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wet05
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Drain Depressional Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.904 Long: -74.125 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + Dennerora along very fine sandy loams NWI classification: PSS/REMA PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-3% slope (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 05</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>Stream throughout / see stream sheet</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input checked="" type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>4"-2"</u>		
Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>2"</u>		
(includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 100 Wt 55
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - North West Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.904 Long: -74.125 Datum: WGS 84
 Soil Map Unit Name: WCA - Walpole Sandy loam 0-6% slopes NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Water Marks (B1) <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)	
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WtLL
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): swale Local relief (concave, convex, none): undulating Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.897 Long: -74.123 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Danneberg very stony New York loam NWI classification: PFO/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-89% (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland LL</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <u> </u> Surface Water (A1) <u>X</u> Water-Stained Leaves (B9) <u> </u> High Water Table (A2) <u> </u> Aquatic Fauna (B13) <u>X</u> Saturation (A3) <u> </u> Marl Deposits (B15) <u> </u> Water Marks (B1) <u> </u> Hydrogen Sulfide Odor (C1) <u>X</u> Sediment Deposits (B2) <u>X</u> Oxidized Rhizospheres on Living Roots (C3) <u> </u> Drift Deposits (B3) <u> </u> Presence of Reduced Iron (C4) <u> </u> Algal Mat or Crust (B4) <u> </u> Recent Iron Reduction in Tilled Soils (C6) <u> </u> Iron Deposits (B5) <u> </u> Thin Muck Surface (C7) <u> </u> Inundation Visible on Aerial Imagery (B7) <u> </u> Other (Explain in Remarks) <u> </u> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <u> </u> Surface Soil Cracks (B6) <u>X</u> Drainage Patterns (B10) <u>X</u> Moss Trim Lines (B16) <u> </u> Dry-Season Water Table (C2) <u> </u> Crayfish Burrows (C8) <u> </u> Saturation Visible on Aerial Imagery (C9) <u> </u> Stunted or Stressed Plants (D1) <u>X</u> Geomorphic Position (D2) <u> </u> Shallow Aquitard (D3) <u>X</u> Microtopographic Relief (D4) <u> </u> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>3"</u> (includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 140WetLL
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope- slight Local relief (concave, convex, none): Slight Slope- N Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.897 Long: -74.123 Datum: WGS 84
 Soil Map Unit Name: Wna- Westbury + Pennemora very stony fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u> If yes, optional Wetland Site ID: <u>UDF</u>
Hydric Soil Present?	Yes <u> </u> No <u>(No)</u>	
Wetland Hydrology Present?	Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
<u>Primary Indicators (minimum of one is required; check all that apply)</u>			
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)	
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):		
Saturation Present? Yes <u> </u> No <u>X</u>	Depth (inches):		
(includes capillary fringe)			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/14/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W4NN
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.919 Long: -74.125 Datum: WGS 84
 Soil Map Unit Name: Sma-Jun stony loam 0-15% NWI classification: PEM/RIN
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u>	No <u> </u>
Hydric Soil Present?	Yes <u>X</u>	No <u> </u>		If yes, optional Wetland Site ID: <u>Wetland NN</u>	
Wetland Hydrology Present?	Yes <u>X</u>	No <u> </u>			
Remarks: (Explain alternative procedures here or in a separate report.)					

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>20"</u>		
Saturation Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>surface</u>		
(includes capillary fringe)			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/14/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 110W+NN
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Alluvial plain Local relief (concave, convex, none): Undulating Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.919 Long: -74.125 Datum: WGS 84
 Soil Map Unit Name: Bcb - Brayton stony loam, 3-8% slope NWI classification: Old field / Meadow
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u> If yes, optional Wetland Site ID: <u>Old field / Meadow</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3) <u>N/A</u>	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1Wet00
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Pond/Vernal Pool Local relief (concave, convex, none): Concave - Pond Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.895 Long: -74.123 Datum: WGS 84
 Soil Map Unit Name: Ebb Empyville very stony very fine sandy loam NWI classification: OW/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland 00</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input checked="" type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input checked="" type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>1" - 3 1/2"</u>		
Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u>		
Saturation Present? (includes capillary fringe) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@wet00
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Roadside Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.895 Long: -74.123 Datum: WGS 84
 Soil Map Unit Name: Ebb-Empeville very stony very fine sand loam NWI classification: Disturbed
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-8% slope (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No X
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Roadside/disturbed</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Roadside Veg. & introduced soils</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches):		
Saturation Present? Yes <u> </u> No <u>X</u> Depth (inches):		
(includes capillary fringe)		Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wt+PP
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Stream/Drainway Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.860 Long: -74.093 Datum: WGS 84
 Soil Map Unit Name: Ecd-Emeryville + Morra stony very fine sandy loam NWI classification: PFO/PEM/RUP
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u>	No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u>	No <u> </u>
Hydric Soil Present?	Yes <u>X</u>	No <u> </u>		If yes, optional Wetland Site ID: <u>Wetland PP</u>	
Wetland Hydrology Present?	Yes <u>X</u>	No <u> </u>			
Remarks: (Explain alternative procedures here or in a separate report.)					

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<input checked="" type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)	
<input checked="" type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)	
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)	
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)	
<input checked="" type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)	
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)	
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input checked="" type="checkbox"/> Stunted or Stressed Plants (D1)	
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input checked="" type="checkbox"/> Geomorphic Position (D2)	
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input checked="" type="checkbox"/> Shallow Aquitard (D3)	
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)	
		<input type="checkbox"/> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Stream ~ 5"-10"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>20"</u>		
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@WtPP
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - North Slope (%): 3-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.860 Long: -74.093 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Dannebury, very stony fine sandy loams NWI classification: UDF-UCF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>UDF/UCF</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W4QQ
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Drainage Swale Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.861 Long: -74.103 Datum: WGS 84
 Soil Map Unit Name: Ida - Tughill + Pennemora very clay very fine sandy loam NWI classification: PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland QQ</u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>		

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes No X Depth (inches):
 Water Table Present? Yes X No Depth (inches): 2" to surface
 Saturation Present? (includes capillary fringe) Yes X No Depth (inches): surface

Wetland Hydrology Present? Yes X No

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 10@Wt CR
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Farm-Field / Plainscape Local relief (concave, convex, none): none Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.861 Long: -74.103 Datum: WGS 84
 Soil Map Unit Name: Ace-Adams + Colton soils 25-60% slopes NWI classification: Ag. Field
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☒, Soil ☒, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>Ag. Field</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>Active agriculture field - Maize.</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: IWA Wet RR
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Scap Local relief (concave, convex, none): Slight Slope - West Slope (%): 0.2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.877 Long: -74.097 Datum: WGS 84
 Soil Map Unit Name: Wgb - North stony fine sandy loam 3-8% slope NWI classification: PEM/PEO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No (If no, explain in Remarks.)
 Are Vegetation, Soil, or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No
 Are Vegetation, Soil, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No	If yes, optional Wetland Site ID: Wetland RR
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input checked="" type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input checked="" type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches):		
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches):		
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): 2"		
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/15/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WetRR
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - SE Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.877 Long: -74.097 Datum: WGS 84
 Soil Map Unit Name: Wmb - Westbury + Danmora clay very sandy clay NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): (includes capillary fringe)		Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@Wt SS
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside Seep Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.862 Long: -74.106 Datum: WGS 84
 Soil Map Unit Name: Tda-Tussock Danemore very stony very fine sandy loam NWI classification: PFO/Rup
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland?	Yes <u>X</u> No <u> </u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland SS</u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>		
Remarks: (Explain alternative procedures here or in a separate report.)			

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u>X</u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u>X</u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>3'-1'</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>	
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@WetSS
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - NW Slope (%): 3-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.862 Long: -74.105 Datum: WGS 84
 Soil Map Unit Name: Tda - Tugbill + dense moss very stony very fine sandy loam NWI classification: UDF/UCF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UCF/UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (Inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (Inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (Inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WetTT
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Drainage/Seep Local relief (concave, convex, none): Sloping - SW Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.856 Long: -74.129 Datum: WGS 84
 Soil Map Unit Name: Wm - Westbury Denmark very stony fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u> If yes, optional Wetland Site ID: <u>Wetland TT</u>
Hydric Soil Present?	Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present?	Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Specific moss mab habitat</u>		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)	
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)	
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)	
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)	
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)	
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)	
<u>X</u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u>X</u> Stunted or Stressed Plants (D1)	
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)	
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)	
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)	
		<u> </u> FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present?	Yes <u> </u> No <u>X</u> Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Water Table Present?	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Saturation Present? (includes capillary fringe)	Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks:			

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1600 ft TT
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Undulating terrain Local relief (concave, convex, none): undulating Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.856 Long: -74.128 Datum: WGS 84
 Soil Map Unit Name: Dna - westbury + Danmora veg stony fine sand loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Water Marks (B1) <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)	
Field Observations: Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): (includes capillary fringe)	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@W+UU
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside seap Local relief (concave, convex, none): Sloping - North West Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.853 Long: -74.127 Datum: WGS 84
 Soil Map Unit Name: Ida - Tully + Danemora very stony very fine sandy loams 0-3' to slope NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	If yes, optional Wetland Site ID: <u>Wetland UU</u>
Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input checked="" type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input checked="" type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input checked="" type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches): <u>Surface - 2"</u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>Surface</u>	
Saturation Present? (includes capillary fringe) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: UOW+UU
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - North West Slope (%): 2-8%
 Subregion (LRR or MLRA): LRR-R Lat: 44.852 Long: -74.127 Datum: WGS 84
 Soil Map Unit Name: Edc - Empyville + Moira, very stony very fine sandy loams NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WetWW
 Investigator(s): C. Liddell Section, Township, Range: N/A WW74
 Landform (hillslope, terrace, etc.): Hillside seep Local relief (concave, convex, none): Sloping - North Slope (%): 3-5%
 Subregion (LRR or MLRA): LRR-R Lat: 44.859 Long: -74.121 Datum: WGS 84
 Soil Map Unit Name: Tca-Tugbill + Dannebora, stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: <u>Wetland WW</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:	Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input checked="" type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input checked="" type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)	<input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Depth (inches): <u><1"</u> Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>16"</u> Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:	
Remarks:	

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14 @ Mt+WW
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Upland berm Local relief (concave, convex, none): Convex Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.859 Long: -74.121 Datum: WGS 84
 Soil Map Unit Name: Tca - Tugbill + Donnemora, stony very fine sandy loams NWI classification: UCF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland Coniferous forest</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u>	Depth (inches): <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 240W + WW
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Upland - Burren Local relief (concave, convex, none): Convex Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.858 Long: -74.128 Datum: WGS 84
 Soil Map Unit Name: Tca - Tugbill + Dannemora, stony very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐ Soil ☐ or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> (includes capillary fringe)	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/29/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 2WC Wet WW
 Investigator(s): C. Liddell Section, Township, Range: N/A WW 44
 Landform (hillslope, terrace, etc.): Hillside Slope Local relief (concave, convex, none): Concave Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.858 Long: -74.121 Datum: WGS 84
 Soil Map Unit Name: Tca-Tughill + Donnemora, Stony very fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, optional Wetland Site ID: <u>Wetland WW</u>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input checked="" type="checkbox"/> Surface Water (A1)	<input checked="" type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input checked="" type="checkbox"/> High Water Table (A2)	<input checked="" type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input checked="" type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1)	<input checked="" type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>2"</u>	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Water Table Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>3</u>		
Saturation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Depth (inches): <u>Surface</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 7/7/15
 Applicant/Owner: EPFR State: NY Sampling Point: W@W@XX
 Investigator(s): LE/EF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Roadside/Swale Local relief (concave, convex, none): Undulating Slope (%): 1-2
 Subregion (LRR or MLRA): LRR Lat: 44.923 Long: -74.125 Datum: N6584
 Soil Map Unit Name: Ben-Brayton Stony loam, 0-3% slopes NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 12127 XX</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Cow grazing around / through Wetland.</u>	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input checked="" type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input checked="" type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>6"</u> (includes capillary fringe)		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>Wetland hydrology present.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1U@WetXX
 Investigator(s): CLIFF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Concave Local relief (concave, convex, none): Undulating Slope (%): -
 Subregion (LRR or MLRA): LRR-JR Lat: 44.923 Long: -74.125 Datum: NAD83
 Soil Map Unit Name: Sma - Sun stony loam 0-5% slope NWI classification: Old field / Cow pasture
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland / Cow pasture</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Veg./soil. problematiz due to cow grazing.</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches):		
Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u> Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: - No wetland hydrology indicators present.

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Tiercho Rise Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1W@Wet YY
 Investigator(s): CLIEF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Corral/Terrace Local relief (concave, convex, none): Concave Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR Lat: 44.86 Long: -74.124 Datum: WGS 84
 Soil Map Unit Name: Tda - Tughill + Pannemore very stony very fine sandy loam NWI classification: PFO/PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland YY</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) <input checked="" type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input checked="" type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input checked="" type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>16"</u> Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Wetland hydrology present.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jessie Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR State: NY Sampling Point: 16@W4YY
 Investigator(s): CL/EF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Roadside/Dist. Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR Lat: 44.859 Long: -74.124 Datum: WGS 84
 Soil Map Unit Name: Ida-Tugbill-Dannemora very stony very fine sandy loam NWI classification: Roadside/Disturbed
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No 0-3 20% slope (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland - Roadside fill.</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>Roadside fill creating problematic soils/vegetation.</u>	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> Saturation Present? Yes <u> </u> No <u>X</u> Depth (inches): <u> </u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>No wetland hydrology.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1W@WetZZ
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Vernal Pool Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44 864 Long: -74.122 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Danvers very silty fine sandy loam NWI classification: OW/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland ZZ</u>
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u>X</u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u>X</u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>12"</u>		
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		
(includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/16/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 14@W4ZZ
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Roadside / Disturbed Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.864 Long: -74.122 Datum: WGS 84
 Soil Map Unit Name: Wna - Westbury + Danneberg, very stony NWI classification: Roadside / Dist.
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No ☒
 Are Vegetation ☒, Soil ☒, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <input checked="" type="radio"/>	Is the Sampled Area within a Wetland? Yes <u> </u> No <input checked="" type="radio"/>
Hydric Soil Present? Yes <u> </u> No <input checked="" type="radio"/>	If yes, optional Wetland Site ID: <u>Roadside / Dist.</u>
Wetland Hydrology Present? Yes <u> </u> No <input checked="" type="radio"/>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>Roadside / Disturbed</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <input checked="" type="checkbox"/> Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <input checked="" type="radio"/>	
Water Table Present? Yes <u> </u> No <input checked="" type="checkbox"/> Depth (inches):		
Saturation Present? Yes <u> </u> No <input checked="" type="checkbox"/> Depth (inches): (includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1Wet 3A
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Small Pond Depression Local relief (concave, convex, none): concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.865 Long: -74.113 Datum: WGS 84
 Soil Map Unit Name: Uma-Westbury + Dannebora stony very fine sandy loam NWI classification: PSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil X, or Hydrology X naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 3A</u>
Remarks: (Explain alternative procedures here or in a separate report.) <u>Appears to have originated from roadside ditchwork.</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u>X</u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u>X</u> High Water Table (A2)	<u>X</u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u>X</u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks) <u> </u>	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>6"-1"</u>		
Water Table Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>4"</u>		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u> (includes capillary fringe)	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@Wd 3A
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Undulating Local relief (concave, convex, none): - Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.865 Long: -74.113 Datum: WGS 84
 Soil Map Unit Name: Wma - Vestburg + Danneberg along very fine sandy loam NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? Are "Normal Circumstances" present? Yes ☒ No ☐
 Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If yes, optional Wetland Site ID: <u>UDF</u>
Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<input type="checkbox"/> Surface Water (A1)	<input type="checkbox"/> Water-Stained Leaves (B9)	<input type="checkbox"/> Surface Soil Cracks (B6)
<input type="checkbox"/> High Water Table (A2)	<input type="checkbox"/> Aquatic Fauna (B13)	<input type="checkbox"/> Drainage Patterns (B10)
<input type="checkbox"/> Saturation (A3)	<input type="checkbox"/> Marl Deposits (B15)	<input type="checkbox"/> Moss Trim Lines (B16)
<input type="checkbox"/> Water Marks (B1) <u>N/A</u>	<input type="checkbox"/> Hydrogen Sulfide Odor (C1)	<input type="checkbox"/> Dry-Season Water Table (C2)
<input type="checkbox"/> Sediment Deposits (B2)	<input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3)	<input type="checkbox"/> Crayfish Burrows (C8)
<input type="checkbox"/> Drift Deposits (B3)	<input type="checkbox"/> Presence of Reduced Iron (C4)	<input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)
<input type="checkbox"/> Algal Mat or Crust (B4)	<input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)	<input type="checkbox"/> Stunted or Stressed Plants (D1)
<input type="checkbox"/> Iron Deposits (B5)	<input type="checkbox"/> Thin Muck Surface (C7)	<input type="checkbox"/> Geomorphic Position (D2)
<input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)	<input type="checkbox"/> Other (Explain in Remarks)	<input type="checkbox"/> Shallow Aquitard (D3)
<input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<input type="checkbox"/> Microtopographic Relief (D4)
		<input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	Wetland Hydrology Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Table Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Saturation Present? (includes capillary fringe) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Depth (inches):	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1WQ Wet 3B
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillside Seep Local relief (concave, convex, none): Hillside Seep Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.881 Long: -74.114 Datum: WGS 84
 Soil Map Unit Name: Tda - Tighill + Danemora very stony very fine sandy loam NWI classification: PFO
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 3B</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u>X</u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u>X</u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u>X</u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u>X</u> Thin Muck Surface (C7)	<u>X</u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches): <u> </u>	
Saturation Present? Yes <u>X</u> No <u> </u>	Depth (inches): <u>Surface</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay & Burke, Franklin County Sampling Date: 7/17/15
 Applicant/Owner: EDPR NA State: NY Sampling Point: 1U@Wet 3B
 Investigator(s): C. Liddell Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Roadside/Disturbed Local relief (concave, convex, none): - Slope (%): 0-2%
 Subregion (LRR or MLRA): LRR-R Lat: 44.881 Long: -74.114 Datum: WGS 84
 Soil Map Unit Name: Tda Tughill + Dannemora very stony very fine sand loam NWI classification: Roadside/Dist.
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation X, Soil X, or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(No)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(No)</u>
Hydric Soil Present? Yes <u> </u> No <u>(No)</u>	If yes, optional Wetland Site ID: <u>Roadside/Dist.</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Disturbed roadside corridor</u> <u>- Introduced fill.</u>	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1) <u>N/A</u>	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(No)</u>
Water Table Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>X</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>none</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Rise Wind Farm City/County: Chateaugay + Burke, Franklin Sampling Date: 8/6/15
 Applicant/Owner: EPPR State: NY Sampling Point: 1WQWt 3D
 Investigator(s): CL/EE Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Hillslope/Toe of slope Local relief (concave, convex, none): Sloping - East Slope (%) 0-2%
 Subregion (LRR or MLRA): LRR Lat: 44.875 Long: -74.079 Datum: NAD83
 Soil Map Unit Name: Wma - Westbury + Danvers silt/clay NWI classification: 1F0/FSS
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 3D</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u>X</u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u>X</u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u>X</u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>X</u> Depth (inches):		
Water Table Present? Yes <u> </u> No <u>X</u> Depth (inches):		
Saturation Present? Yes <u>X</u> No <u> </u> Depth (inches): <u>5"</u>	Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Wetland hydrology present.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Tencho Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 8/6/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1110 Wt 3D
 Investigator(s): CL/EE Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hillslope Local relief (concave, convex, none): Sloping - East Slope (%): 3-5%
 Subregion (LRR or MLRA): LRR Lat: 44.875 Long: -74.079 Datum: WGS84
 Soil Map Unit Name: Uma - Westbury + Danemora stony veg forest and dunes NWI classification: UDF
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland deciduous forest</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
<u> </u> Surface Water (A1)	<u> </u> Water-Stained Leaves (B9)	<u> </u> Surface Soil Cracks (B6)
<u> </u> High Water Table (A2)	<u> </u> Aquatic Fauna (B13)	<u> </u> Drainage Patterns (B10)
<u> </u> Saturation (A3)	<u> </u> Marl Deposits (B15)	<u> </u> Moss Trim Lines (B16)
<u> </u> Water Marks (B1)	<u> </u> Hydrogen Sulfide Odor (C1)	<u> </u> Dry-Season Water Table (C2)
<u> </u> Sediment Deposits (B2)	<u> </u> Oxidized Rhizospheres on Living Roots (C3)	<u> </u> Crayfish Burrows (C8)
<u> </u> Drift Deposits (B3)	<u> </u> Presence of Reduced Iron (C4)	<u> </u> Saturation Visible on Aerial Imagery (C9)
<u> </u> Algal Mat or Crust (B4)	<u> </u> Recent Iron Reduction in Tilled Soils (C6)	<u> </u> Stunted or Stressed Plants (D1)
<u> </u> Iron Deposits (B5)	<u> </u> Thin Muck Surface (C7)	<u> </u> Geomorphic Position (D2)
<u> </u> Inundation Visible on Aerial Imagery (B7)	<u> </u> Other (Explain in Remarks)	<u> </u> Shallow Aquitard (D3)
<u> </u> Sparsely Vegetated Concave Surface (B8)		<u> </u> Microtopographic Relief (D4)
		<u> </u> FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>
Water Table Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
Saturation Present? Yes <u> </u> No <u>(X)</u>	Depth (inches):	
(includes capillary fringe)		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>No wetland hydrology present.</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Terrace Rise Wind Farm City/County: Chetek & Burke, Franklin County Sampling Date: 8/6/15
 Applicant/Owner: EDPR State: _____ Sampling Point: 1W@Wet 3E
 Investigator(s): CL/EF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Undulating Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR Lat: 44.875 Long: -74.08 Datum: NAD83
 Soil Map Unit Name: Eab - Emburyville stony very fine sandy loam NWI classification: PSS/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes X No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No _____	Is the Sampled Area within a Wetland? Yes <u>X</u> No _____
Hydric Soil Present? Yes <u>X</u> No _____	If yes, optional Wetland Site ID: <u>Wetland 3E</u>
Wetland Hydrology Present? Yes <u>X</u> No _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Surface Water (A1) | <input type="checkbox"/> Water-Stained Leaves (B9) |
| <input type="checkbox"/> High Water Table (A2) | <input type="checkbox"/> Aquatic Fauna (B13) |
| <input checked="" type="checkbox"/> Saturation (A3) | <input type="checkbox"/> Marl Deposits (B15) |
| <input type="checkbox"/> Water Marks (B1) | <input type="checkbox"/> Hydrogen Sulfide Odor (C1) |
| <input type="checkbox"/> Sediment Deposits (B2) | <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) |
| <input type="checkbox"/> Drift Deposits (B3) | <input type="checkbox"/> Presence of Reduced Iron (C4) |
| <input type="checkbox"/> Algal Mat or Crust (B4) | <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) |
| <input type="checkbox"/> Iron Deposits (B5) | <input type="checkbox"/> Thin Muck Surface (C7) |
| <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) | <input type="checkbox"/> Other (Explain in Remarks) |
| <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) | |

Secondary Indicators (minimum of two required)

- | |
|--|
| <input type="checkbox"/> Surface Soil Cracks (B6) |
| <input type="checkbox"/> Drainage Patterns (B10) |
| <input type="checkbox"/> Moss Trim Lines (B16) |
| <input type="checkbox"/> Dry-Season Water Table (C2) |
| <input type="checkbox"/> Crayfish Burrows (C8) |
| <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) |
| <input type="checkbox"/> Stunted or Stressed Plants (D1) |
| <input type="checkbox"/> Geomorphic Position (D2) |
| <input type="checkbox"/> Shallow Aquitard (D3) |
| <input checked="" type="checkbox"/> Microtopographic Relief (D4) |
| <input type="checkbox"/> FAC-Neutral Test (D5) |

Field Observations:

Surface Water Present? Yes _____ No X Depth (inches): _____
 Water Table Present? Yes _____ No X Depth (inches): _____
 Saturation Present? Yes X No _____ Depth (inches): 5"
 (includes capillary fringe)

Wetland Hydrology Present? Yes X No _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

- Wetland hydrology present.

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jericho Base Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 8/6/15
 Applicant/Owner: EPRR State: NY Sampling Point: 14@wet 3E
 Investigator(s): CLIFF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill-Crest Local relief (concave, convex, none): Sloping - NE Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR Lat: 44.875 Long: -74.88 Datum: WGS 84
 Soil Map Unit Name: Eab-Empeville stony very fine sandy loam NWI classification: Upland Scrub-shrub
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID: <u>Upland - Scrubshrub</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- | | |
|--|---|
| <input type="checkbox"/> Surface Water (A1) | <input type="checkbox"/> Water-Stained Leaves (B9) |
| <input type="checkbox"/> High Water Table (A2) | <input type="checkbox"/> Aquatic Fauna (B13) |
| <input type="checkbox"/> Saturation (A3) | <input type="checkbox"/> Marl Deposits (B15) |
| <input type="checkbox"/> Water Marks (B1) <u>N/A</u> | <input type="checkbox"/> Hydrogen Sulfide Odor (C1) |
| <input type="checkbox"/> Sediment Deposits (B2) | <input type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) |
| <input type="checkbox"/> Drift Deposits (B3) | <input type="checkbox"/> Presence of Reduced Iron (C4) |
| <input type="checkbox"/> Algal Mat or Crust (B4) | <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) |
| <input type="checkbox"/> Iron Deposits (B5) | <input type="checkbox"/> Thin Muck Surface (C7) |
| <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) | <input type="checkbox"/> Other (Explain in Remarks) |
| <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8) | |

Secondary Indicators (minimum of two required)

- ☐ Surface Soil Cracks (B6)
- ☐ Drainage Patterns (B10)
- ☐ Moss Trim Lines (B16)
- ☐ Dry-Season Water Table (C2)
- ☐ Crayfish Burrows (C8)
- ☐ Saturation Visible on Aerial Imagery (C9)
- ☐ Stunted or Stressed Plants (D1)
- ☐ Geomorphic Position (D2)
- ☐ Shallow Aquitard (D3)
- ☐ Microtopographic Relief (D4)
- ☐ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes No (X) Depth (inches):
 Water Table Present? Yes No (X) Depth (inches):
 Saturation Present? Yes No (X) Depth (inches):
 (includes capillary fringe)

Wetland Hydrology Present? Yes No (X)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Jessie Rose Wind Farm City/County: Chateaugay + Burke, Franklin County Sampling Date: 8/6/15
 Applicant/Owner: EDPR State: NY Sampling Point: 1W@W43F
 Investigator(s): CLIEF Section, Township, Range: NA
 Landform (hillslope, terrace, etc.): Depressional Local relief (concave, convex, none): Concave Slope (%): -
 Subregion (LRR or MLRA): LRR-R Lat: 44.909 Long: -74.122 Datum: WGS 84
 Soil Map Unit Name: Uma - Westbury + Dennera stony very fine sand, loams NWI classification: PSS/PEM
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u>X</u> No <u> </u>	Is the Sampled Area within a Wetland? Yes <u>X</u> No <u> </u>
Hydric Soil Present? Yes <u>X</u> No <u> </u>	
Wetland Hydrology Present? Yes <u>X</u> No <u> </u>	If yes, optional Wetland Site ID: <u>Wetland 3F</u>
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Water-Stained Leaves (B9) <input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Aquatic Fauna (B13) <input checked="" type="checkbox"/> Saturation (A3) <input type="checkbox"/> Marl Deposits (B15) <input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Hydrogen Sulfide Odor (C1) <input type="checkbox"/> Sediment Deposits (B2) <input checked="" type="checkbox"/> Oxidized Rhizospheres on Living Roots (C3) <input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Presence of Reduced Iron (C4) <input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6) <input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Thin Muck Surface (C7) <input type="checkbox"/> Inundation Visible on Aerial Imagery (B7) <input type="checkbox"/> Other (Explain in Remarks) <input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)		<u>Secondary Indicators (minimum of two required)</u> <input type="checkbox"/> Surface Soil Cracks (B6) <input type="checkbox"/> Drainage Patterns (B10) <input type="checkbox"/> Moss Trim Lines (B16) <input type="checkbox"/> Dry-Season Water Table (C2) <input type="checkbox"/> Crayfish Burrows (C8) <input type="checkbox"/> Saturation Visible on Aerial Imagery (C9) <input type="checkbox"/> Stunted or Stressed Plants (D1) <input type="checkbox"/> Geomorphic Position (D2) <input type="checkbox"/> Shallow Aquitard (D3) <input type="checkbox"/> Microtopographic Relief (D4) <input type="checkbox"/> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u>X</u> No <u> </u> Depth (inches): <u><1" standing water</u> Water Table Present? Yes <u> </u> No <u> </u> Depth (inches): <u> </u> Saturation Present? (includes capillary fringe) Yes <u>X</u> No <u> </u> Depth (inches): <u>Surface</u>		Wetland Hydrology Present? Yes <u>X</u> No <u> </u>
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>- Wetland hydrology present</u>		

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Tecoma Rise Wood Farm City/County: Chateaugay & Burke Franklin County Sampling Date: 8/6/15
 Applicant/Owner: EDPR State: NY Sampling Point: 140Wet3F
 Investigator(s): LL/EF Section, Township, Range: N/A
 Landform (hillslope, terrace, etc.): Hill slope Local relief (concave, convex, none): Sloping - North Slope (%): 1-3%
 Subregion (LRR or MLRA): LRR-R Lat: 44.909 Long: -74.03 Datum: NAD 84
 Soil Map Unit Name: Wma - Westbury + Danemora stony very fine sandy loams NWI classification: Upland - Agriculture
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No (If no, explain in Remarks.)
 Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes X No
 Are Vegetation X, Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes <u> </u> No <u>(X)</u>	Is the Sampled Area within a Wetland? Yes <u> </u> No <u>(X)</u>
Hydric Soil Present? Yes <u> </u> No <u>(X)</u>	If yes, optional Wetland Site ID <u>Upland - Agriculture</u>
Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Remarks: (Explain alternative procedures here or in a separate report.) <u>- Maize agriculture field.</u>	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) <u> </u> Surface Water (A1) <u> </u> Water-Stained Leaves (B9) <u> </u> High Water Table (A2) <u> </u> Aquatic Fauna (B13) <u> </u> Saturation (A3) <u> </u> Marl Deposits (B15) <u> </u> Water Marks (B1) <u> </u> Hydrogen Sulfide Odor (C1) <u> </u> Sediment Deposits (B2) <u> </u> Oxidized Rhizospheres on Living Roots (C3) <u> </u> Drift Deposits (B3) <u> </u> Presence of Reduced Iron (C4) <u> </u> Algal Mat or Crust (B4) <u> </u> Recent Iron Reduction in Tilled Soils (C6) <u> </u> Iron Deposits (B5) <u> </u> Thin Muck Surface (C7) <u> </u> Inundation Visible on Aerial Imagery (B7) <u> </u> Other (Explain in Remarks) <u> </u> Sparsely Vegetated Concave Surface (B8)		Secondary Indicators (minimum of two required) <u> </u> Surface Soil Cracks (B6) <u> </u> Drainage Patterns (B10) <u> </u> Moss Trim Lines (B16) <u> </u> Dry-Season Water Table (C2) <u> </u> Crayfish Burrows (C8) <u> </u> Saturation Visible on Aerial Imagery (C9) <u> </u> Stunted or Stressed Plants (D1) <u> </u> Geomorphic Position (D2) <u> </u> Shallow Aquitard (D3) <u> </u> Microtopographic Relief (D4) <u> </u> FAC-Neutral Test (D5)
Field Observations: Surface Water Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Water Table Present? Yes <u> </u> No <u>(X)</u> Depth (inches): Saturation Present? (includes capillary fringe) Yes <u> </u> No <u>(X)</u> Depth (inches):	Wetland Hydrology Present? Yes <u> </u> No <u>(X)</u>	
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: <u>No wetland hydrology.</u>		

VEGETATION – Use scientific names of plants.

Sampling Point: Wet A

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>15%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Ulmus americana</u>	<u>20%</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Fraxinus pennsylvanica</u>	<u>20%</u>	<u>Y</u>	<u>FACW</u>
4.				
5.				
6.				
7.				

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 11 (A)

Total Number of Dominant Species Across All Strata: 11 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals:	(A) (B)

Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☒ 2 - Dominance Test is >50%
- ☐ 3 - Prevalence Index is ≤3.0¹
- ☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>15%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Alnus incana</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Viburnum sp.</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>
4.				
5.				
6.				
7.				

65 = Total Cover

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Carex sp.</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Oxalis sensibilis</u>	<u>40%</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Osmundastrum cinnamomeum</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>
4.	<u>Osmunda claytonia</u>	<u>15%</u>	<u>N</u>	<u>FAC</u>
5.	<u>Impatiens capensis</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>
6.	<u>Acer rubrum sapling</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>
7.	<u>Alnus incana sapling</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>
8.	<u>Leersia oryzoides</u>	<u>30%</u>	<u>Y</u>	<u>OBL</u>
9.	<u>Cornus canadensis</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>
10.	<u>Carex crinita</u>	<u>10%</u>	<u>N</u>	<u>OBL</u>
11.				
12.				

205 = Total Cover

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				

— = Total Cover

Hydrophytic Vegetation Present?

Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: IW@WetB

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. "Snags"	-	-	-	Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
2. <i>Fraxinus pennsylvanica</i>	30%	Y	FACW	Total Number of Dominant Species Across All Strata: _____ (B)
3. <i>Ulmus americana</i>	20%	Y	FACW	Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) _____ = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0' <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <i>Salix nigra</i>	10%	Y	OBL	
2. <i>Alnus incana</i>	25%	Y	FACW	
3. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) _____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. <i>Onoclea sensibilis</i>	30%	Y	FACW	
2. <i>Typha latifolia</i>	45%	Y	OBL	
3. <i>Sparganium angustifolium</i>	20%	N	FACW	
4. <i>Viburnum lentiginos</i>	10%	N	FACU	Hydrophytic Vegetation Present? Yes <u>X</u> No
5. <i>Carex crinita</i>	15%	N	OBL	
6. <i>Carex sp.</i>	10%	N	FACW	
7. <i>Impatiens capensis</i>	15%	N	FACW	
8. <i>Cornus canadensis</i>	10%	N	FAC	_____ = Total Cover
9. <i>Wet grasses</i>	35%	Y	FACW	
10. <i>Juncus effusus</i>	15%	N	OBL	
11. <i>Salix seedlings</i>	10%	N	FACW	
Woody Vine Stratum (Plot size: <u>-</u>) _____ = Total Cover				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

Sampling Point: 14 @ Wet A + B

Northcentral and Northeast Region – Version 2.0

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WTC

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1.	<u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
2.	<u>Betula populifolia</u>	<u>5</u>	<u>Y</u>	<u>FAC</u>	
3.	<u>Fraxinus pennsylvanica</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	
4.					
5.					
6.					
7.					
		<u>20</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
1.	<u>Salix sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
2.	<u>Viburnum sp.</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3.	<u>Spirea alba</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4.					
5.					
6.					
7.					
		<u>40</u>	= Total Cover		
Herb Stratum (Plot size: <u>5</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<u>Oenothera sensibilis</u>	<u>80</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Juncus effusus</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
3.	<u>Impatiens capensis</u>	<u>60</u>	<u>Y</u>	<u>FACW</u>	
4.	<u>Carex intumescens</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
		<u>165</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
1.					
2.					
3.					
4.					
			= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 140 Wot.C

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
Sapling/Shrub Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Dactylus glomerata</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Taraxacum officinale</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
3. <u>Trifolium pratense</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Plantago lanceolata</u>	<u>20%</u>	<u>N</u>	<u>FACU</u>	
5. <u>Vicia</u>	<u>15%</u>	<u>N</u>	<u>FACU</u>	
6. <u>Galium melago</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
7. <u>Poa sp</u>	<u>40%</u>	<u>Y</u>	<u>FACU</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Hydrophytic Vegetation Present? Yes — No (X)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wet-D

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Koeleria canadensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>80</u> (A/B)
2. <u>Thuja white cedar</u>	<u>20</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Ulmus amer. cana</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. <u>Betula (yellow birch)</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
5. <u>Red maple</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
6. <u>Abies balsam</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
7. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>90</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>N/A</u>	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Oxycoccus sp. b. l. s</u>	<u>-</u>	<u>-</u>	<u>FACW</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. <u>Chrysosplenium</u>	<u>2</u>	<u>N</u>	<u>OBL</u>	
3. <u>Caltha palustris</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
4. <u>Matricaria</u>	<u>40</u>	<u>Y</u>	<u>FAC</u>	
5. <u>Impatiens capensis</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
6. <u>Osmunda cinnamomea</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
7. <u>Carex</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>162</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>-</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 160WetD

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:														
1. <u>Abies</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75</u> (A/B)														
2. <u>Tsuga canadensis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>															
3. <u>Acer saccharum</u>	<u>10</u>	<u>N</u>	<u>FACU</u>															
4. <u>Betula (gray birch)</u>	<u>15</u>	<u>N</u>	<u>FAC</u>															
5. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>															
6. <u>Lopinus deltoideus</u>	<u>10</u>	<u>N</u>	<u>FAC</u>															
7. _____	_____	_____	_____	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>60</u></td> <td>x 2 = <u>120</u></td> </tr> <tr> <td>FAC species <u>206.17</u></td> <td>x 3 = <u>618.51</u></td> </tr> <tr> <td>FACU species <u>63.8</u></td> <td>x 4 = <u>255.2</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>329.97</u> (A)</td> <td><u>993.7</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.01</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>60</u>	x 2 = <u>120</u>	FAC species <u>206.17</u>	x 3 = <u>618.51</u>	FACU species <u>63.8</u>	x 4 = <u>255.2</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>329.97</u> (A)	<u>993.7</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>60</u>	x 2 = <u>120</u>																	
FAC species <u>206.17</u>	x 3 = <u>618.51</u>																	
FACU species <u>63.8</u>	x 4 = <u>255.2</u>																	
UPL species <u>0</u>	x 5 = <u>0</u>																	
Column Totals: <u>329.97</u> (A)	<u>993.7</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Abies</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Dryopteris</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>															
2. <u>Canada mayflower</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u><input checked="" type="radio"/></u>														
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____	Woody Vine Stratum (Plot size: <u>—</u>)														
12. _____	_____	_____	_____															
<u>50</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u><input checked="" type="radio"/></u>														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>_____</u> = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@WdE

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Betula - no / high</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)														
2. <u>Acer rubrum</u>	<u>5</u>	<u>N</u>	<u>FAC</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>15</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____ (A)</td> <td>_____ (B)</td> </tr> </table> Prevalence Index = B/A = _____	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____ (A)	_____ (B)
Total % Cover of:	Multiply by:																	
OBL species _____	x 1 = _____																	
FACW species _____	x 2 = _____																	
FAC species _____	x 3 = _____																	
FACU species _____	x 4 = _____																	
UPL species _____	x 5 = _____																	
Column Totals: _____ (A)	_____ (B)																	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Salix nigra</u>	<u>15</u>	<u>N</u>	<u>OBL</u>															
2. <u>Alnus incana</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>															
3. <u>Salix #2</u>	<u>15</u>	<u>N</u>	<u>FACW</u>															
4. <u>Polarus sericea</u>	<u>5</u>	<u>N</u>	<u>FACW</u>															
5. <u>Viburnum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>															
6. <u>Spiraea alba</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>															
<u>105</u> = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Charley scabiosa</u>	<u>85</u>	<u>Y</u>	<u>FACW</u>															
2. <u>Impatiens capensis</u>	<u>30</u>	<u>N</u>	<u>FACW</u>															
3. <u>Carex</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>															
4. <u>Dracopis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>															
5. <u>Wet grasses</u>	<u>15</u>	<u>N</u>	<u>FACW</u>															
6. <u>Equisetum pratense</u>	<u>15</u>	<u>N</u>	<u>FACW</u>															
7. <u>Gibbium</u>	<u>1</u>	<u>N</u>	<u>FACW</u>															
<u>186</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
Woody Vine Stratum (Plot size: _____)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____	_____	_____	_____															
_____ = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

 Hydrophytic Vegetation Present? Yes X No

VEGETATION – Use scientific names of plants.

Sampling Point: 102W+E

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>57%</u> (A/B)														
2. <u>Betula gray birch</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>															
3.																		
4.																		
5.																		
6.																		
7.																		
<u>20</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Malus</u>	<u>40</u>	<u>Y</u>	<u>UPL</u>	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>78.5</u></td> <td>x 2 = <u>157</u></td> </tr> <tr> <td>FAC species <u>103.2</u></td> <td>x 3 = <u>309.6</u></td> </tr> <tr> <td>FACU species <u>74.82</u></td> <td>x 4 = <u>299.28</u></td> </tr> <tr> <td>UPL species <u>30.7</u></td> <td>x 5 = <u>153.5</u></td> </tr> <tr> <td>Column Totals: <u>287.2</u> (A)</td> <td><u>919.38</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.20</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>78.5</u>	x 2 = <u>157</u>	FAC species <u>103.2</u>	x 3 = <u>309.6</u>	FACU species <u>74.82</u>	x 4 = <u>299.28</u>	UPL species <u>30.7</u>	x 5 = <u>153.5</u>	Column Totals: <u>287.2</u> (A)	<u>919.38</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>78.5</u>	x 2 = <u>157</u>																	
FAC species <u>103.2</u>	x 3 = <u>309.6</u>																	
FACU species <u>74.82</u>	x 4 = <u>299.28</u>																	
UPL species <u>30.7</u>	x 5 = <u>153.5</u>																	
Column Totals: <u>287.2</u> (A)	<u>919.38</u> (B)																	
2. <u>Sorbus alba</u>	<u>60</u>	<u>Y</u>	<u>FACW</u>															
3. <u>Prunus virginiana</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>															
4.																		
5.																		
6.																		
7.																		
<u>130</u> = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Salidago</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain)														
2. <u>Achillea millefolium</u>	<u>15</u>	<u>N</u>	<u>FACU</u>															
3. <u>Phytolago lanceolata</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>															
4. <u>Reynoldsia virginiana</u>	<u>25</u>	<u>N</u>	<u>FACU</u>															
5. <u>Ranunculus acris</u>	<u>5</u>	<u>N</u>	<u>FAC</u>															
6. <u>Poa pratensis</u>	<u>10</u>	<u>N</u>	<u>FACU</u>															
7. <u>Vicia (cow vetch)</u>	<u>5</u>	<u>N</u>	<u>-</u>															
8. <u>Potentilla simplex</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
9. <u>Galium mollugo</u>	<u>10</u>	<u>N</u>	<u>FACU</u>															
10.																		
11.																		
12.																		
<u>155</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1.				Hydrophytic Vegetation Present? Yes <u>—</u> No <u>(X)</u>														
2.																		
3.																		
4.																		
<u>—</u> = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@W@G

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1.	Balsam Fir <i>Acer rubrum</i>	30	Y	FAC	
2.	Rud Maple <i>A. bicolor</i>	20	Y	FAC	
3.	Green Ash <i>Fraxinus pennsylv.</i>	40	Y	FACW	
4.					
5.					
6.					
7.					
		<u>90</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15</u>)					Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
1.	Balsam Fir <i>Abies balsamea</i>	15	N	FAC	
2.					
3.					
4.					
5.					
6.					
7.					
		<u>15</u>	= Total Cover		
Herb Stratum (Plot size: <u>5</u>)					Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<i>Equisetum pratense</i>	40	N	FACW	
2.	<i>Oxycodon serotilis</i>	40	N	FACW	
3.	<i>Carex</i> sp.	80	Y	FACW	
4.	<i>Impatiens capensis</i>	50	Y	FACW	
5.	<i>Dryopteris</i> sp.	20	N	FACW	
6.	<i>Asarum</i> sp.	10	N	FAC	
7.					
8.					
9.					
10.					
11.					
12.					
		<u>240</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)					Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
1.					
2.					
3.					
4.					
			= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)



VEGETATION – Use scientific names of plants.

Sampling Point: U0616

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
1.	<u>Pinus strobus</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
2.	<u>Aster saccharinus</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
3.	<u>Malus</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
4.					
5.					
6.					
7.					
		<u>9</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
1.	<u>Rubus occidentalis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
2.	<u>Malus</u>	<u>3</u>	<u>N</u>	<u>FAC</u>	
3.					
4.					
5.					
6.					
7.					
		<u>18</u>	= Total Cover		
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<u>Achillea millefolium</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
2.	<u>Solidago canadensis</u>	<u>80</u>	<u>Y</u>	<u>FACW</u>	
3.	<u>Fragaria virginiana</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
4.	<u>Gallium palustre</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
5.	<u>Polypodium (Japanese sword)</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
6.	<u>Carex</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
7.	<u>Plantago major</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
8.	<u>Poa pratensis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
9.					
10.					
11.					
12.					
		<u>126</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
1.					
2.					
3.					
4.					
			= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W @ wet H

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Fraxinus pensylvanicum</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>83%</u> (A/B)
2. <u>Tsuga canadensis</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
4. <u>Betula (gray birch)</u>	<u>5</u>		<u>FAC</u>	
5. _____				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
6. _____				
7. _____				
	<u>45</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Alnus incana</u>	<u>80</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: ___ 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% ___ 3 - Prevalence Index is ≤3.0 ¹ ___ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. _____				
3. _____				
4. _____				
5. _____				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
6. _____				
7. _____				
	<u>80</u>	= Total Cover		
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Impatiens capensis</u>	<u>70</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
2. <u>Oxalis sensibilis</u>	<u>30</u>	<u>N</u>	<u>FACW</u>	
3. <u>Carex</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Dryopteris sp</u>	<u>230</u>	<u>N</u>	<u>FACW</u>	
5. _____				
6. _____				
7. _____				
	<u>180</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____				
2. _____				
3. _____				
4. _____				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 100 Wet #

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Prunus serotina</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)
2. <u>Abies sp.</u>	<u>45%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Thuja occidentalis</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Acer rubrum</u>	<u>30%</u>	<u>Y</u>	<u>FAC</u>	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15</u>) <u>105</u> = Total Cover				
1. <u>Abies sp.</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5</u>) <u>10</u> = Total Cover				
1. <u>Dryopteris intermedia</u>	<u>50%</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <u>N</u> 1 - Rapid Test for Hydrophytic Vegetation <u>N</u> 2 - Dominance Test is >50% <u>N</u> 3 - Prevalence Index is ≤3.0 ¹ <u>N</u> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Meibanthemum canadense</u>	<u>60%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Aralia nudicaulis</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) <u>120</u> = Total Cover				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: ZW@Wet H

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Abies sp.</u>	<u>35%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Betula alghymingis</u>	<u>15%</u>	<u>N</u>	<u>FAC</u>
3.	<u>Tsuga sp.</u>	<u>20%</u>	<u>Y</u>	<u>FACW</u>
4.	<u>Thuja sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>
5.	<u>Betula populifolia</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>
6.				
7.				
		<u>105</u>	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Abies sp.</u>	<u>40%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Betula populifolia</u>	<u>15%</u>	<u>Y</u>	<u>FAC</u>
3.				
4.				
5.				
6.				
7.				
		<u>55</u>	= Total Cover	

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Oxalis sensibilis</u>	<u>45%</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Impatiens capensis</u>	<u>45%</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Poa sp. (wet grasses)</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>
4.	<u>Carex acutiformis</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>
5.	<u>Dryopteris sp.</u>	<u>25%</u>	<u>N</u>	<u>FACW</u>
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>150</u>	= Total Cover	

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)
 Total Number of Dominant Species Across All Strata: 7 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 86 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals:	(A) (B)

 Prevalence Index = B/A =

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:
Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 4 24@WTH

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Tsuga sp.</u>	<u>35%</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Abies sp.</u>	<u>25%</u>	<u>Y</u>	<u>FAC</u>
3.	<u>Betula allegheniensis</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>
4.	<u>Betula populifolia</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>
5.	<u>Fagus grandifolia</u>	<u>15%</u>	<u>N</u>	<u>FACU</u>
6.	<u>Acer rubrum</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>
7.				
		<u>100</u>	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Abies sp.</u>	<u>35%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Tsuga sp.</u>	<u>25%</u>	<u>Y</u>	<u>FACU</u>
3.	<u>Fagus grandifolia</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>
4.	<u>Acer rubrum</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>
5.				
6.				
7.				
		<u>80</u>	= Total Cover	

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Maianthemum canadense</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Dryopteris comploptera</u>	<u>25%</u>	<u>Y</u>	<u>FACU</u>
3.	<u>Oxoclea sensibilis</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>
4.	<u>Impatiens capensis</u>	<u>15%</u>	<u>N</u>	<u>FACU</u>
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>70</u>	= Total Cover	

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = 73

Hydrophytic Vegetation Indicators:

- ☒ 1 - Rapid Test for Hydrophytic Vegetation
 - ☒ 2 - Dominance Test is >50%
 - ☒ 3 - Prevalence Index is ≤3.0¹
 - ☒ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - ___ Problematic Hydrophytic Vegetation¹ (Explain)
- ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes _____ No (X)

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@1W@1W

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A) Total Number of Dominant Species Across All Strata: <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>87.5</u> (A/B)
1. <u>Fragaria virginiana</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Tilia cordata</u>	<u>1</u>	<u>N</u>	<u>FACW</u>	
4.				
5.				
6.				
7.				
<u>76</u> = Total Cover				
Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0' <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.				
Hydrophytic Vegetation Present? Yes <u>X</u> No				
Tree Stratum (Plot size: <u>15'</u>) 1. <u>Fragaria virginiana</u> <u>15</u> <u>Y</u> <u>FACW</u> 2. <u>Acer rubrum</u> <u>5</u> <u>Y</u> <u>FAC</u> 3. <u>Prunus serotina</u> <u>5</u> <u>Y</u> <u>FACU</u> 4. 5. 6. 7. <u>25</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>) 1. <u>Onoclea sensibilis</u> <u>80</u> <u>Y</u> <u>FACW</u> 2. <u>Impatiens capensis</u> <u>50</u> <u>Y</u> <u>FACW</u> 3. <u>Carex</u> <u>45</u> <u>N</u> <u>FACW</u> 4. <u>Fragaria virginiana</u> <u>2</u> <u>N</u> <u>FACU</u> 5. <u>Solidago</u> <u>50</u> <u>Y</u> <u>FACW</u> 6. <u>Rubus occidentalis</u> <u>2</u> <u>N</u> <u>FACW</u> 7. <u>Thalictrum (fall mendocino)</u> <u>2</u> <u>N</u> <u>FACW</u> 8. <u>Dryopteris</u> <u>15</u> <u>N</u> <u>FACU</u> 9. 10. 11. 12. <u>246</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>) 1. 2. 3. 4. _____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: Wet 5

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Alnus saccharum</u>	<u>20</u>	<u>Y</u>	<u>FAW</u>		
2.	<u>Pinus strobus</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>		
3.	<u>Ficus pennsylvanicum</u>	<u>10</u>	<u>N</u>	<u>FACU</u>		
4.	<u>Thuja occidentalis</u>	<u>5</u>	<u>N</u>	<u>FAW</u>		
5.						
6.						
7.						
		<u>155</u>	= Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Pinus strobus</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>		
2.	<u>Liquidambar styraciflua</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>		
3.						
4.						
5.						
6.						
7.						
		<u>50</u>	= Total Cover			
Herb Stratum (Plot size: <u>5'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Urtica dioica</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>		
2.	<u>Lythrum salicaria</u> (new 1.14)	<u>15</u>	<u>Y</u>	<u>UPL</u>		
3.	<u>Urtica dioica</u>	<u>5</u>	<u>N</u>	<u>FACU</u>		
4.	<u>Urtica dioica</u>	<u>2</u>	<u>N</u>	<u>FACU</u>		
5.	<u>Urtica dioica</u>	<u>1</u>	<u>N</u>	<u>UPL</u>		
6.	<u>Urtica dioica</u>	<u>1</u>	<u>N</u>	<u>FACU</u>		
7.						
8.						
9.						
10.						
11.						
12.						
		<u>34</u>	= Total Cover			
Woody Vine Stratum (Plot size: <u>—</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.						
2.						
3.						
4.						
			= Total Cover			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 16.7% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = 7.3

Hydrophytic Vegetation Indicators:

N 1 - Rapid Test for Hydrophytic Vegetation

N 2 - Dominance Test is >50%

N 3 - Prevalence Index is ≤3.0¹

N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No (X)

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 1W@Wet K

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Eastern Cottonwood <i>P. deltoides</i>	20	Y	FACU
2.	Red maple <i>A. rubrum</i>	15	N	FACU
3.	Green Ash <i>F. pennsylvanica</i>	45	Y	FACU
4.	Sugar maple <i>A. saccharum</i>	10	N	FACU
5.				
6.				
7.				
		90	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Sugar maple <i>A. saccharum</i>	10	Y	FACU
2.	Green Ash <i>F. pennsylvanica</i>	15	Y	FACU
3.	Red maple <i>A. rubrum</i>	15	Y	FACU
4.				
5.				
6.				
7.				
		40	= Total Cover	

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Sensitive fern <i>Onoclea sensibilis</i>	60	Y	FACU
2.	Jewelweed <i>Impatiens capensis</i>	45	Y	FACU
3.	Dryopteris	15	N	FACU
4.	Interrupted fern <i>O. claytoniana</i>	25	N	FACU
5.	Sugar maple <i>A. saccharum</i>	10	N	FACU
6.	Red maple <i>A. rubrum</i>	10	N	FACU
7.	Green Ash <i>Frax. pennsylvanica</i>	5	N	FACU
8.				
9.				
10.				
11.				
12.				
		120	= Total Cover	

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 10/20/2015

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Acer saccharum</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>
2. <u>Acer rubrum</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>
3. <u>Fagus grandifolia</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
4. <u>Populus deltoides</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
5. <u>Abies balsamea</u>	<u>3</u>	<u>N</u>	<u>FAC</u>
6. <u>Pinus strobus</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
7. _____	_____	_____	_____
<u>98</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
2. <u>Acer glabrum</u>	<u>3</u>	<u>N</u>	<u>-</u>
3. <u>Fagus grandifolia</u>	<u>2</u>	<u>N</u>	<u>FACU</u>
4. <u>Pinus strobus</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
_____ = Total Cover			

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Phytolacca</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
2. <u>Elymus</u>	<u>25</u>	<u>Y</u>	<u>-</u>
3. <u>Aster multiflorus</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>40</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
_____ = Total Cover			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 7 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 14 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

 Prevalence Index = B/A = > 3
Hydrophytic Vegetation Indicators:

- ☒ 1 - Rapid Test for Hydrophytic Vegetation
- ☒ 2 - Dominance Test is >50%
- ☒ 3 - Prevalence Index is ≤3.0¹
- ☒ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes _____ No (X)

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 1W@Wot L

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>3</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66.6%</u> (A/B)
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Salix sp</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
2. <u>Meadow Sweet Filipendula ulmaria</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>10</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Sensitive Fern Onoclea sensibilis</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Carex sp.</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Dandelion (Taraxacum officinale)</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
4. <u>Yellow Wood Impatiens capensis</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
5. <u>Poa sp</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	
6. <u>Solidago sp</u>	<u>25%</u>	<u>N</u>	<u>FACW</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>165</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Prevalence Index worksheet:	
Total % Cover of:	Multiply by:
OBL species _____ x 1 = _____	
FACW species _____ x 2 = _____	
FAC species _____ x 3 = _____	
FACU species _____ x 4 = _____	
UPL species _____ x 5 = _____	
Column Totals: _____ (A)	_____ (B)
Prevalence Index = B/A = _____	

Hydrophytic Vegetation Indicators:	
<u>N</u> 1 - Rapid Test for Hydrophytic Vegetation	
<u>✓</u> 2 - Dominance Test is >50%	
_____ 3 - Prevalence Index is ≤3.0 ¹	
_____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
_____ Problematic Hydrophytic Vegetation ¹ (Explain)	
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	

Definitions of Vegetation Strata:	
Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.	
Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.	
Woody vines – All woody vines greater than 3.28 ft in height.	

Hydrophytic Vegetation Present?	
Yes <u>X</u>	No _____

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 10@WtL

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Red maple <i>Acer rubrum</i>	10	Y	FAC
2.	American Elm <i>Ulmus americanus</i>	5	N	FACW
3.	Malus <i>pumilus</i>	10	Y	FACW
4.	Spice <i>Picea sp.</i>	5	N	FACW
5.				
6.				
7.				
		<u>30</u> = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Gray dogwood <i>Cornus racemosa</i>	10%	N	FAC
2.				
3.				
4.				
5.				
6.				
7.				
		<u>10</u> = Total Cover		

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Sensitive fern <i>Osmunda cinnamomea</i>	15%	N	FACW
2.	Poa sp.	35%	Y	FACW
3.	Trifolium pratense	30%	Y	FACW
4.	Taraxacum officinale	15%	N	FACW
5.	Cow Vetch <i>Vicia cracca</i>	10%	N	UPL
6.	Field strawberry <i>F. vesca</i>	25%	Y	UPL
7.	Galium sp.	15%	N	FACW
8.	Carex sp.	10%	N	FACW
9.				
10.				
11.				
12.				
		<u>155</u> = Total Cover		

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
		<u>—</u> = Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 20 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals:	(A) (B)

Prevalence Index = B/A = >3

Hydrophytic Vegetation Indicators:

- ☒ 1 - Rapid Test for Hydrophytic Vegetation
 - ☒ 2 - Dominance Test is >50%
 - ☒ 3 - Prevalence Index is ≤3.0¹
 - ☒ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes — No (X)

VEGETATION – Use scientific names of plants.

Sampling Point: W41W03M

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. <u>Fraxinus pennsylvanica</u>	<u>3</u>	<u>N</u>	<u>FACW</u>	
2. <u>Betula (sp. birch)</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Acer rubrum</u>	<u>2</u>	<u>N</u>	<u>FAC</u>	
4. <u>Viburnum cuneatum</u>	<u>7</u>	<u>Y</u>	<u>FACW</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>33</u> = Total Cover				
Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.				
Hydrophytic Vegetation Present? Yes <u>X</u> No				
Tree Stratum (Plot size: <u>5</u>) 1. <u>Taxodium</u> <u>1</u> <u>N</u> <u>FACW</u> 2. <u>Fraxinus virginiana</u> <u>4</u> <u>N</u> <u>FACW</u> 3. <u>Euphorbia prostrata</u> <u>70</u> <u>Y</u> <u>FACW</u> 4. <u>Onoclea sensibilis</u> <u>70</u> <u>Y</u> <u>FACW</u> 5. <u>Oxalis annueta</u> <u>10</u> <u>N</u> <u>FACW</u> 6. <u>Oxalis</u> <u>10</u> <u>N</u> <u>FACW</u> 7. <u>Impatiens capensis</u> <u>40</u> <u>N</u> <u>FACW</u> 8. <u>Mentha sylvestris</u> <u>5</u> <u>N</u> <u>FACW</u> 9. _____ 10. _____ 11. _____ 12. _____ _____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>) 1. _____ 2. _____ 3. _____ 4. _____ _____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

 Sampling Point: 1U@WetM

Tree Stratum (Plot size: <u>30'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	American Beech <i>F. grandifolia</i>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
2.	Gray Birch <i>Betula pop.</i>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
3.	Red Maple <i>A. rubrum</i>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4.	Sugar Maple <i>A. saccharum</i>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5.	Hemlock <i>Centium sp.</i>	<u>5</u>	<u>N</u>	<u>FACU</u>	
6.	White Ash <i>Fraxinus americana</i>	<u>5</u>	<u>N</u>	<u>FACU</u>	
7.					
		<u>75</u>	= Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	Buckthorn <i>Rhamnus sp.</i>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
2.	American Beech <i>F. grandifolia</i>	<u>10</u>	<u>Y</u>	<u>FACU</u>	
3.	White Ash <i>F. americana</i>	<u>10</u>	<u>Y</u>	<u>FACU</u>	
4.					
5.					
6.					
7.					
		<u>45</u>	= Total Cover		

Herb Stratum (Plot size: <u>5'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	White Ash <i>F. americana</i>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
2.	Buckthorn <i>Rhamnus sp.</i>	<u>10</u>	<u>N</u>	<u>FAC</u>	
3.	Meadowweet <i>F. ulmaria</i>	<u>10</u>	<u>N</u>	<u>FACU</u>	
4.	upland grasses (<i>Glyceria sp.</i>)	<u>5</u>	<u>N</u>	<u>LPL</u>	
5.	Day lilies	<u>15</u>	<u>Y</u>	<u>FACU</u>	
6.					
7.					
8.					
9.					
10.					
11.					
12.					
		<u>65</u>	= Total Cover		

Woody Vine Stratum (Plot size: <u>—</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.					
2.					
3.					
4.					
			= Total Cover		

Dominance Test worksheet:

 Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)
 Total Number of Dominant Species Across All Strata: 7 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 43% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species	x 1 =
FACW species	x 2 =
FAC species	x 3 =
FACU species	x 4 =
UPL species	x 5 =
Column Totals:	(A) (B)

Prevalence Index = B/A = 73

Hydrophytic Vegetation Indicators:

- N 1 - Rapid Test for Hydrophytic Vegetation
H 2 - Dominance Test is >50%
N 3 - Prevalence Index is ≤3.0¹
N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 ___ Problematic Hydrophytic Vegetation¹ (Explain)
¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

 Yes — No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: Wetland

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1. <u>Ulmus americana</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Acer rubrum</u>	<u>5</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Paulus formicoides</u>	<u>2</u>	<u>N</u>	<u>FACU</u>	
4. <u>Abrus balsam</u>	<u>2</u>	<u>N</u>	<u>FAC</u>	
5. <u>Betula (gray birch)</u>				
6.				
7.				
<u>19</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Salix</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
2. <u>Acer rubrum</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
3. <u>Sorbus alba</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Cornus sericea</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
5. <u>Rubus</u>	<u>3</u>	<u>N</u>	<u>FACU</u>	
6.				
7.				
<u>73</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Oenanthe sensibilis</u>	<u>75</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Impatiens capensis</u>	<u>60</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Equisetum pratense</u>	<u>40</u>	<u>N</u>	<u>FACW</u>	
4. <u>Salidago</u>	<u>8</u>	<u>N</u>	<u>FACW</u>	
5. <u>Carex sp. #1</u>	<u>30</u>	<u>N</u>	<u>FACW</u>	
6. <u>Sagittaria sp</u>	<u>1</u>	<u>N</u>	<u>OBL</u>	
7. <u>Dryopteris</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
8. <u>Carex sp. #2</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
9.				
10.				
11.				
12.				
<u>234</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1.				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
2.				
3.				
4.				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1U@WetN

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Sugar maple <i>A. saccharum</i>	50	Y	FACU
2.	Black cherry <i>P. serotina</i>	10	N	FACU
3.	Hemlock <i>Conium sp.</i>	15	N	FACU
4.	Yellow Birch <i>Betula alleghaniensis</i>	5	N	FAC
5.				
6.				
7.				
		<u>80</u> = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Black cherry <i>P. serotina</i>	15	Y	FACU
2.	Sugar maple <i>A. saccharum</i>	5	N	FACU
3.				
4.				
5.				
6.				
7.				
		<u>20</u> = Total Cover		

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Dryopteris	40	Y	FACW
2.	Black cherry <i>P. serotina</i>	20	Y	FACU
3.	Trout lily <i>E. americanum</i>	15	N	-
4.	Upland grass <i>Cl. sp.</i>	10	N	UPL
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>85</u> = Total Cover		

Woody Vine Stratum (Plot size: <u>-</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 20 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = 73

Hydrophytic Vegetation Indicators:

- ☒ 1 - Rapid Test for Hydrophytic Vegetation
 - ☒ 2 - Dominance Test is >50%
 - ☒ 3 - Prevalence Index is ≤3.0¹
 - ☒ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - ☐ Problematic Hydrophytic Vegetation¹ (Explain)
- ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes _____ No (X)

VEGETATION – Use scientific names of plants.

Sampling Point: Wetland

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>88</u> (A) Total Number of Dominant Species Across All Strata: <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>88%</u> (A/B)
1.	<u>Ulmus americana</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Fraxinus pennsylvanica</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
3.	<u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
4.	<u>Pinus strobus</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5.					
6.					
7.					
		<u>65</u>	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
1.	<u>Opuntia alba</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
2.	<u>Opuntia alba</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
3.	<u>Cotoneaster</u>	<u>1</u>	<u>N</u>	<u>FAC</u>	
4.	<u>Rubus</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5.	<u>Rubus occidentalis</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
6.	<u>Amelanchier (ornamental)</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
7.	<u>Spiraea tomentosa</u>	<u>2</u>	<u>N</u>	<u>FACW</u>	
		<u>63</u>	= Total Cover		
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<u>Sparganium</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Juncus roemerianus</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
3.	<u>Carex muskoxensis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4.	<u>Carex</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
5.	<u>Chara sensibilis</u>	<u>70</u>	<u>Y</u>	<u>FACW</u>	
6.	<u>Eleocharis virginiana</u>	<u>2</u>	<u>N</u>	<u>FACU</u>	
7.	<u>Dryopteris</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
8.	<u>Malva</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
9.					
10.					
11.					
12.					
		<u>192</u>	= Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
1.					
2.					
3.					
4.					
			= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1U@WetC

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Hemlock (<i>Conium sp.</i>)	5	N	FACU
2.	Green Ash <i>Fraxinus pennsylvanica</i>	25	Y	FACW
3.	Sugar Maple <i>Acer saccharum</i>	20	Y	FACU
4.	Hawthorn <i>Crataegus sp.</i>	20	Y	FAC
5.	Black cherry <i>Prunus serotina</i>	10	N	FACU
6.				
7.				
		<u>80</u>	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	Hawthorn <i>Crataegus sp.</i>	20	Y	FAC
2.	Sugar Maple <i>Acer saccharum</i>	20	Y	FACU
3.	Shad bush <i>Amelanchier sp.</i>	15	Y	FAC
4.				
5.				
6.				
7.				
		<u>55</u>	= Total Cover	

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<i>Plantago lanceolata</i>	10	N	FACU
2.	Poa sp.	10	N	FACU
3.	<i>Taraxacum officinale</i>	5	N	FACU
4.	Woodland Strawberry <i>Fragaria vesca</i>	25	Y	UPL
5.	<i>Rubus occidentalis</i>	25	Y	FACU
6.	Tree Lily <i>F. umbrosum</i>	20	N	-
7.	Sugar maple saplings <i>A. saccharum</i>	30	Y	FACU
8.	Cherry saplings <i>Prunus serotina</i>	30	Y	FACU
9.				
10.				
11.				
12.				
		<u>155</u>	= Total Cover	

Woody Vine Stratum (Plot size: <u>N/A</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 9 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = >3

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☒ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No

VEGETATION – Use scientific names of plants.

Sampling Point: 1WQWetP

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Gray birch (<i>Betula populifolia</i>)</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>		
2.						
3.						
4.						
5.						
6.						
7.						
				<u>5</u> = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Meadowweet (<i>Spiraea alba</i>)</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>		
2.	<u>Crataegus sp.</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>		
3.	<u>Salix sp.</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>		
4.	<u>Viburnum sp.</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>		
5.						
6.						
7.						
				<u>75</u> = Total Cover		
Herb Stratum (Plot size: <u>5'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Rubus occidentalis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>		
2.	<u>Amelanchier (common)</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>		
3.	<u>Oxalis sensibilis</u>	<u>70%</u>	<u>Y</u>	<u>FACW</u>		
4.	<u>Equisetum pratense</u>	<u>70%</u>	<u>Y</u>	<u>FACW</u>		
5.	<u>Impatiens capensis</u>	<u>45%</u>	<u>N</u>	<u>FACW</u>		
6.	<u>Tarax sp.</u>	<u>70%</u>	<u>Y</u>	<u>FACW</u>		
7.	<u>Dryopteris sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>		
8.	<u>Fragaria virginiana</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>		
9.	<u>Veronica americana</u>	<u>1%</u>	<u>N</u>	<u>FAC</u>		
10.						
11.						
12.						
				<u>296</u> = Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.						
2.						
3.						
4.						
				<u>—</u> = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)

Total Number of Dominant Species Across All Strata: _____ (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☐ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1U@WetP

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet:
				Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)
				Total Number of Dominant Species Across All Strata: <u>2</u> (B)
				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
				Prevalence Index worksheet:
				Total % Cover of: _____ Multiply by: _____
				OBL species _____ x 1 = _____
				FACW species _____ x 2 = _____
				FAC species _____ x 3 = _____
				FACU species _____ x 4 = _____
				UPL species _____ x 5 = _____
				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = <u>73</u>
				Hydrophytic Vegetation Indicators:
				<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
				<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
				<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
				<input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
				Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Remarks: (Include photo numbers here or on a separate sheet.)				

Sapling/Shrub Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Herb Stratum (Plot size: <u>5'</u>)
1. <u>Trifolium pratense</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Dactylis glomerata</u>	<u>65</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Ranunculus acris</u>	<u>20</u>	<u>N</u>	<u>FAC</u>	
4. <u>Taraxacum officinale</u>	<u>20</u>	<u>N</u>	<u>FACU</u>	
5. <u>Gallium Sp.</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
6. <u>Fragaria vesca</u>	<u>15</u>	<u>N</u>	<u>UPL</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
				<u>165</u> = Total Cover
				Woody Vine Stratum (Plot size: <u>—</u>)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				<u>—</u> = Total Cover

VEGETATION – Use scientific names of plants.

Sampling Point: 14@WetU

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Fagus grandifolia</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>29</u> (A/B)
2. <u>Acer Saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Picea sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. <u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) <u>90</u> = Total Cover				
1. <u>Fagus grandifolia</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) <u>25</u> = Total Cover				
1. <u>Dryopteris sp.</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Acer saplings</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Fagus saplings</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Onoclea sensibilis</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>25</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 2W0WHP

Tree Stratum (Plot size: <u>1</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet:
				Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A)
				Total Number of Dominant Species Across All Strata: <u>3</u> (B)
				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
				Prevalence Index worksheet:
				Total % Cover of: _____ Multiply by: _____
				OBL species _____ x 1 = _____
				FACW species _____ x 2 = _____
				FAC species _____ x 3 = _____
				FACU species _____ x 4 = _____
				UPL species _____ x 5 = _____
				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = _____
				Hydrophytic Vegetation Indicators:
				<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
				<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
				<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
				Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No
Remarks: (Include photo numbers here or on a separate sheet.)				

Sapling/Shrub Stratum (Plot size: <u>1</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Herb Stratum (Plot size: <u>5'</u>)
1. <u>Scirpus atrovirens</u>	<u>70%</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Carex sp.</u>	<u>60%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Eutima grammifolia</u>	<u>40%</u>	<u>Y</u>	<u>FAC</u>	
4. <u>Juncus sp.</u>	<u>25%</u>	<u>N</u>	<u>OBL</u>	
5. <u>Carex squarrosa</u>	<u>30%</u>	<u>N</u>	<u>OBL</u>	
6. <u>Spiraea tomentosa</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
7. <u>Eupatorium perfoliatum</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
8. <u>Spiraea alba</u>	<u>25%</u>	<u>N</u>	<u>FACW</u>	
9. <u>Solidago sp.</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
10. <u>Eleocharis sp.</u>	<u>10%</u>	<u>N</u>	<u>OBL</u>	
11. <u>Timothy grass (Phleum pr.)</u>	<u>35%</u>	<u>N</u>	<u>FACU</u>	
12. _____	_____	_____	_____	
				<u>340</u> = Total Cover
				Woody Vine Stratum (Plot size: <u>1</u>)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

VEGETATION – Use scientific names of plants.

Sampling Point: 240W409

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>>3</u>
_____ = Total Cover				

_____ = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
_____ = Total Cover				

_____ = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
_____ = Total Cover				

_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
_____ = Total Cover				

Woody Vine Stratum (Plot size: <u>—</u>) 1. _____ 2. _____ 3. _____ 4. _____ _____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>) 1. <u>Euthamia graminifolia</u> <u>30%</u> <u>N</u> <u>FAC</u> 2. <u>Daucus carota</u> <u>20%</u> <u>N</u> <u>UPL</u> 3. <u>Ranunculus sp.</u> <u>10%</u> <u>N</u> <u>FAC</u> 4. <u>Solidago sp.</u> <u>35%</u> <u>Y</u> <u>FACW</u> 5. <u>Tribulus pratensis</u> <u>40%</u> <u>Y</u> <u>FACW</u> 6. <u>Carex sp.</u> <u>20%</u> <u>N</u> <u>FACW</u> 7. <u>Spiraea tomentosa</u> <u>25%</u> <u>N</u> <u>FACW</u> 8. <u>Taraxacum officinale</u> <u>15%</u> <u>N</u> <u>FACW</u> 9. <u>Phleum pratense</u> <u>40%</u> <u>Y</u> <u>FACW</u> 10. _____ 11. _____ 12. _____ <u>235</u> = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W2W4G

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	gray birch (<i>Betula pop.</i>)	5%	N	FAC		
2.	American elm (<i>Ulmus Americanus</i>)	10	N	FACW		
3.						
4.						
5.						
6.						
7.						
		<u>15</u>	= Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	gray birch (<i>Betula pop.</i>)	5%	N	FAC		
2.	American elm (<i>Ulmus americana</i>)	10%	N	FACW		
3.						
4.						
5.						
6.						
7.						
		<u>15</u>	= Total Cover			
Herb Stratum (Plot size: <u>5'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<i>Oxalis sensibilis</i>	15	N	FACW		
2.	Primrose willow (<i>Ludwigia sp.</i>)	35	Y	OBL		
3.	Manna grass (<i>Glyceria sp.</i>)	35	Y	OBL		
4.	Salix. Saplings	10	N	FACW		
5.	Mossy Wart	10	N	FACW		
6.	<i>Carex crinita</i>	15	N	OBL		
7.	Spike sedge (<i>Carex nardina</i>)	20	Y	FACW		
8.	<i>Spiza alba</i>	20	Y	FACW		
9.	<i>Spiza tomentosa</i>	15	N	FACW		
10.	blue-eyed grass (<i>Sisyrinchium</i>)	15	N	FAC		
11.	Water plantain (<i>Plantago sp.</i>)	5	N	OBL		
12.						
		<u>195</u>	= Total Cover			
Woody Vine Stratum (Plot size: <u>—</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.						
2.						
3.						
4.						
			= Total Cover			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)

Total Number of Dominant Species Across All Strata: _____ (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☐ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 1U@WetQ

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Sugar maple (Acer saccharum)</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
2. <u>Fir Abies sp.</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
3. <u>Gray Birch (Betula pop.)</u>	<u>40</u>	<u>Y</u>	<u>FAC</u>
4. <u>Spruce Picea sp.</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
5. <u>American beech Fagus grandifolia</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>90</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Fir Abies sp.</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
2. <u>Gray birch Betula pop.</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>
3. <u>American beech Fagus grandifolia</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
4. <u>Sugar maple Acer saccharum</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>75</u> = Total Cover			

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Canada goldenrod (Solidago canad.)</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>
2. <u>Flat-top goldenrod (Solidago sp.)</u>	<u>25</u>	<u>N</u>	<u>FACW</u>
3. <u>Rubus occidentalis</u>	<u>60</u>	<u>Y</u>	<u>FACU</u>
4. <u>Carex sp.</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
5. <u>Woodland straw berry (Frag. virginica)</u>	<u>10</u>	<u>N</u>	<u>UPL</u>
6. <u>dryopteris</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
7. <u>Upland grasses (Glycerh. sp.)</u>	<u>35</u>	<u>N</u>	<u>UPL</u>
8. <u>Juncus effusus</u>	<u>5</u>	<u>N</u>	<u>OBL</u>
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>200</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
_____ = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 20e Wet Q

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		_____ = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Ulmus americana</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		_____ = Total Cover		

Herb Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Marsh marigold</u>	<u>10%</u>	<u>N</u>	<u>OBL</u>	
2. <u>Onoclea sensibilis</u>	<u>30%</u>	<u>N</u>	<u>FACW</u>	
3. <u>Carex crinita</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
4. <u>Impatiens capensis</u>	<u>40%</u>	<u>Yes</u>	<u>FACW</u>	
5. <u>Scirpus atrovirens</u>	<u>55%</u>	<u>Yes</u>	<u>OBL</u>	
6. <u>Scirpus cyperinum</u>	<u>40%</u>	<u>Yes</u>	<u>OBL</u>	
7. <u>Carex squarrosa</u>	<u>35%</u>	<u>Yes</u>	<u>OBL</u>	
8. <u>Bromis inermis</u>	<u>15%</u>	<u>N</u>	<u>UPL</u>	
9. <u>Juncus effusus</u>	<u>20%</u>	<u>N</u>	<u>OBL</u>	
10. <u>Vicia americana</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
11. <u>Spiraea tomentosa</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
12. <u>Solidago Euthamia graminifolia</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	
		<u>285</u> = Total Cover		

Woody Vine Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
		_____ = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)

Total Number of Dominant Species Across All Strata: _____ (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☐ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 2U@Wet

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75%</u> (A/B)														
1.	<u>Acer rubrum</u>	<u>50%</u>	<u>Y</u>	<u>FAC</u>															
2.	<u>Acer saccharum</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>															
3.	<u>Tsuga sp</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>															
4.																			
5.																			
6.																			
7.																			
		<u>85</u> = Total Cover																	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>9</u></td> <td>x 2 = <u>18</u></td> </tr> <tr> <td>FAC species <u>250</u></td> <td>x 3 = <u>750</u></td> </tr> <tr> <td>FACU species <u>41</u></td> <td>x 4 = <u>164</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>300</u> (A)</td> <td><u>930</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.1</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>9</u>	x 2 = <u>18</u>	FAC species <u>250</u>	x 3 = <u>750</u>	FACU species <u>41</u>	x 4 = <u>164</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>300</u> (A)	<u>930</u> (B)
Total % Cover of:	Multiply by:																		
OBL species <u>0</u>	x 1 = <u>0</u>																		
FACW species <u>9</u>	x 2 = <u>18</u>																		
FAC species <u>250</u>	x 3 = <u>750</u>																		
FACU species <u>41</u>	x 4 = <u>164</u>																		
UPL species <u>0</u>	x 5 = <u>0</u>																		
Column Totals: <u>300</u> (A)	<u>930</u> (B)																		
1.	<u>Acer rubrum</u>	<u>15%</u>	<u>N</u>	<u>FAC</u>															
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
		<u>15</u> = Total Cover																	
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
1.	<u>Dryopteris intermedia</u>	<u>40%</u>	<u>Y</u>	<u>FAC</u>															
2.	<u>Acer sp.</u>	<u>10%</u>	<u>Y</u>	<u>FAC</u>															
3.	<u>Onoclea sensibilis</u>	<u>25%</u>	<u>N</u>	<u>FACW</u>															
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
		<u>45</u> = Total Cover																	
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes ___ No <u>(X)</u>														
1.																			
2.																			
3.																			
4.																			

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 140W+R

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Prunus serotina</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>43</u> (A/B)
2. <u>Fagus grandifolia</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Ulmus americana</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. <u>Betula populifolia</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
5. <u>Acer rubrum</u>	<u>20</u>	<u>N</u>	<u>FAC</u>	
6. <u>Acer saccharum</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
7. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
<u>120</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Acer rubrum</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Acer saccharum</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Abies balsamea</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
4. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<u>65</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Dryopteris sp.</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
3. <u>Onoclea sensibilis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
4. <u>Poa sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
6. <u>Fluxus sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
<u>55</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				Hydrophytic Vegetation Present? Yes _____ <u>No</u>
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wet R

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. <u>American Elm, Ulmus americana</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>55</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Viburnum sp</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Ulmus americana</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
3. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>55</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Oxycoccus sensibilis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Juncus effusus</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
3. <u>Impatiens capensis</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Carex sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
5. <u>Caltha palustris</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	
6. <u>Solidago gigantea</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
7. <u>Osmundastrum cinnamomeum</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
<u>150</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Hydrophytic Vegetation Present? Yes X No

VEGETATION – Use scientific names of plants.

Sampling Point: IW@WtS

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Ulmus americana</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Betula populifolia</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>25</u> = Total Cover				

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Solidago gigantea</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
2. <u>Juniperus effusus</u>	<u>20</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Impatiens capensis</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Onoclea sensibilis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
5. <u>Poa sp.</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>	
6. <u>Trifolium pratense</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
7. <u>Talinum fruticosum</u>	<u>15</u>	<u>N</u>	<u>—</u>	
8. <u>Carex sp.</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
9. <u>Ranunculus sp.</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
_____ = Total Cover				

Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

- Active Cowpasture

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)

Total Number of Dominant Species Across All Strata: 9 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 77 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☐ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

VEGETATION – Use scientific names of plants.

 Sampling Point: 14 WetS

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>29</u> (A/B)
2. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>35</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Malus domestica</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Crataegus sp.</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
3. <u>Rubus occidentalis</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>65</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Rubus flagellaris</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Maianthemum Canadense</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
3. <u>Talinum fruticosum</u>	<u>35</u>	<u>Y</u>	<u>-</u>	
4. <u>Trifolium pratense</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>	
5. <u>Vicia americana</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
6. <u>Taraxacum officinale</u>	<u>25</u>	<u>N</u>	<u>FACU</u>	
7. <u>Solidago canadensis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
8. <u>Betula pennis</u>	<u>5</u>	<u>N</u>	<u>-</u>	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Hydrophytic Vegetation Present? Yes _____ No				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 1we.wtT

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Ulmus americana</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>9</u> (A) Total Number of Dominant Species Across All Strata: <u>9</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. <u>Betula populifolia</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) <u>80</u> = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Betula populifolia</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Ulmus americana</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) <u>80</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. <u>Solidago gigantea</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Vicia americana</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
3. <u>Onoclea sensibilis</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
4. <u>Juncus effusus</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
5. <u>Spiraea tomentosa</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
6. <u>Spiraea alba</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
7. <u>Carex crinita</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
8. <u>Scirpus atrovirens</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	Remarks: (Include photo numbers here or on a separate sheet.)
9. <u>Carex sp. (leaf-blade)</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
10. <u>Ranunculus septentrionalis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
11. <u>Iris Versicolor</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
12. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) _____ = Total Cover				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

VEGETATION – Use scientific names of plants.

Sampling Point: 110W&T

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>86</u> (A/B)														
1.	<u>Abies sp.</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>															
2.	<u>Betula alleghaniensis</u>	<u>40%</u>	<u>Y</u>	<u>FAC</u>															
3.	<u>Betula populifolia</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>															
4.																			
5.																			
6.																			
7.																			
		<u>70</u> = Total Cover			Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>0</u></td> <td>x 2 = <u>0</u></td> </tr> <tr> <td>FAC species <u>220</u></td> <td>x 3 = <u>660</u></td> </tr> <tr> <td>FACU species <u>30</u></td> <td>x 4 = <u>120</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>300</u></td> <td>(A) <u>860</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.53</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>0</u>	x 2 = <u>0</u>	FAC species <u>220</u>	x 3 = <u>660</u>	FACU species <u>30</u>	x 4 = <u>120</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>300</u>	(A) <u>860</u> (B)
Total % Cover of:	Multiply by:																		
OBL species <u>0</u>	x 1 = <u>0</u>																		
FACW species <u>0</u>	x 2 = <u>0</u>																		
FAC species <u>220</u>	x 3 = <u>660</u>																		
FACU species <u>30</u>	x 4 = <u>120</u>																		
UPL species <u>0</u>	x 5 = <u>0</u>																		
Column Totals: <u>300</u>	(A) <u>860</u> (B)																		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																			
1.	<u>Abies sp.</u>	<u>10%</u>	<u>Y</u>	<u>FAC</u>															
2.	<u>Betula populifolia</u>	<u>30%</u>	<u>Y</u>	<u>FAC</u>															
3.																			
4.																			
5.																			
6.																			
7.																			
		<u>40</u> = Total Cover																	
Herb Stratum (Plot size: <u>5'</u>)					Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
1.	<u>Dryopteris intermedia</u>	<u>35%</u>	<u>Y</u>	<u>FACW</u>															
2.	<u>Betula saplings</u>	<u>10%</u>	<u>Y</u>	<u>FAC</u>															
3.	<u>Erythronium sp.</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>															
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
		<u>50</u> = Total Cover																	
Woody Vine Stratum (Plot size: _____)					Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
1.																			
2.																			
3.																			
4.																			
					Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>														

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W2W4U

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Betula Populifolia</u>	<u>50</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. <u>Ulmus americana</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Acer rubrus</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>110</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Ulmus americana</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
2. <u>Betula populifolia</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>50</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Dryopteris sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Rubus sp.</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Carex sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Moss Mats</u>	<u>-</u>	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>55</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>1</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Hydrophytic Vegetation Present? Yes <u>X</u> No _____				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WetV

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Pinus strobus</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>8</u> (A) Total Number of Dominant Species Across All Strata: <u>9</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>88.9</u> (A/B)
2. <u>Betula populifolia</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>25</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Salix sp.</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Fagus grandifolia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>35</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Impatiens capensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Solidago Euthamia graminifolia</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Oenothera sensibilis</u>	<u>25</u>	<u>N</u>	<u>FACW</u>	
4. <u>Urtica dioica</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
5. <u>Glyceria striata</u>	<u>45</u>	<u>Y</u>	<u>DBL</u>	
6. <u>Phalaris arundinacea</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
7. <u>Carex crinita</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	
<u>205</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: U@wetV

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Fagus grandifolia</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>42.8</u> (A/B)
2. <u>Betula allegheniensis</u>	<u>45</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Tsuga sp.</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) <u>95</u> = Total Cover				
1. <u>Betula allegheniensis</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
2. <u>Fagus grandifolia</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Tsuga sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) <u>45</u> = Total Cover				
1. <u>Dryopteris sp.</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. <u>Rubus occidentalis</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Carex sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
4. <u>Maianthemum canadense</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
5. <u>Toxicodendron radicans</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
6. <u>Acer saccharum Saplings</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>-</u>) <u>110</u> = Total Cover				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@WtW

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>80</u> (A/B)
2. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Abies sp.</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4. <u>Tsuga sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5. <u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
6. <u>Betula alleghaniensis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
7. <u>Fraxinus pennsylvanica</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
<u>90</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Betula populifolia</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>10</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Impatiens capensis</u>	<u>60%</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Osmunda Claytoniana</u>	<u>20%</u>	<u>N</u>	<u>FAC</u>	
3. <u>Osmundastrium Cinnamomeum</u>	<u>35%</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Onoclea sensibilis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
5. <u>Dryopteris sp.</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
6. <u>Carex sp.</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
7. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>135</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <u>X</u> No
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

 Sampling Point: 14@wetW

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Prunus serotina</u>	<u>20%</u>	<u>Y</u>	<u>FACU</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>14</u> (A/B)
2. <u>Acer saccharum</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Fagus grandifolia</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>	
4. <u>Tsuga sp.</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>7.3</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) <u>90</u> = Total Cover				Hydrophytic Vegetation Indicators: <u>N</u> 1 - Rapid Test for Hydrophytic Vegetation <u>N</u> 2 - Dominance Test is >50% <u>N</u> 3 - Prevalence Index is ≤3.0 ¹ <u>N</u> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Tsuga sp.</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
2. <u>Abies sp.</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
3. <u>Acer saccharum</u>	<u>15%</u>	<u>Y</u>	<u>FACU</u>	
4. <u>Fagus grandifolia</u>	<u>10%</u>	<u>Y</u>	<u>FACU</u>	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) <u>35</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. <u>Prunus saplings</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	
2. <u>Dryopteris sp.</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Poa sp.</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	
4. <u>Maianthemum canadense</u>	<u>20%</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
5. <u>Acer Saplings</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) <u>20</u> = Total Cover				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
Remarks: (Include photo numbers here or on a separate sheet.) 				

Sampling Point: 1w@WetX

Northcentral and Northeast Region – Version 2.0

VEGETATION – Use scientific names of plants.

 Sampling Point: 1U@Wt+X

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Betula allegheniensis</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>10</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>40</u> (A/B)
2. <u>Betula populifolia</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Fagus grandifolia</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
5. <u>Acer saccharum</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
6. <u>Prunus serotina</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
7. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
_____ = Total Cover				

_____				Hydrophytic Vegetation Indicators: <u>N</u> 1 - Rapid Test for Hydrophytic Vegetation <u>H</u> 2 - Dominance Test is >50% <u>N</u> 3 - Prevalence Index is ≤3.0 ¹ <u>N</u> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
<u>65</u> = Total Cover				

_____				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.

_____				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>

_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>) 1. _____ 2. _____ 3. _____ 4. _____ _____ = Total Cover				Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@wetY

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Ulmus americana</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Acer rubrum</u>	<u>20</u>	<u>Y</u>	<u>FAL</u>
3.				
4.				
5.				
6.				
7.				
		<u>40</u> = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAL</u>
2.	<u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
3.	<u>Alnus incana</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>
4.				
5.				
6.				
7.				
		<u>50</u> = Total Cover		
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Impatiens capensis</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Dryopteris sp.</u>	<u>20</u>	<u>N</u>	<u>FACW</u>
3.	<u>Carex crinita</u>	<u>25</u>	<u>Y</u>	<u>OBL</u>
4.	<u>Veratrum viride</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5.	<u>Viola sp.</u>	<u>10</u>	<u>N</u>	<u>OBL</u>
6.	<u>Sisyrinchium sp.</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
7.	<u>Glycyrrhiza sp.</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>
8.	<u>Solidago gigantea</u>	<u>20</u>	<u>N</u>	<u>FACW</u>
9.				
10.				
11.				
12.				
		_____ = Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
		_____ = Total Cover		

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)
 Total Number of Dominant Species Across All Strata: 7 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 102W14

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer saccharum</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Betula alleghaniensis</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>
3.	<u>Acer rubrum</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
4.	<u>Fagus grandifolia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
5.	<u>Tsuga sp.</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
6.	<u>Prunus serotina</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
7.				
		<u>95</u>	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Fagus grandifolia</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Tsuga sp.</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
3.	<u>Acer saccharum sp.</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>
4.				
5.				
6.				
7.				
		<u>70</u>	= Total Cover	

Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Osmunda claytoniana</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Poa sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
3.	<u>Dryopteris sp.</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
4.	<u>Oxalis sensibilis</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>45</u>	= Total Cover	

Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5 (A/B)

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by: _____

OBL species _____ x 1 = _____

FACW species _____ x 2 = _____

FAC species _____ x 3 = _____

FACU species _____ x 4 = _____

UPL species _____ x 5 = _____

Column Totals: _____ (A) _____ (B)

Prevalence Index = B/A = 7.3

Hydrophytic Vegetation Indicators:

N 1 - Rapid Test for Hydrophytic Vegetation

N 2 - Dominance Test is >50%

N 3 - Prevalence Index is ≤3.0¹

N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes _____ (No) (X)

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@W1Z

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				_____ = Total Cover
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Salix nigra</u>	<u>35%</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Lonicera sp</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
3. <u>Cornus amomum</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>55</u> = Total Cover
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Oenothera sensibilis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Polygonum sagittatum</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
3. <u>Dryopteris sp</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
4. <u>Impatiens capensis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
5. <u>Trifolium pratense</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
6. <u>Taraxacum officinale</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
7. <u>Rubus occidentalis</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
8. <u>Trifolium versicolor</u>	<u>5</u>	<u>N</u>	<u>OBL</u>	
9. <u>Solidago gigantea</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
				<u>145</u> = Total Cover
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)
 Total Number of Dominant Species Across All Strata: 4 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:
☒ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:
Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 100W12

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
_____ = Total Cover				Prevalence Index worksheet: <table style="width:100%;"> <tr> <th style="width:50%;">Total % Cover of:</th> <th style="width:50%;">Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____</td> <td>(A) _____ (B) _____</td> </tr> </table> Prevalence Index = B/A = <u>73</u>	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____	(A) _____ (B) _____
Total % Cover of:	Multiply by:																	
OBL species _____	x 1 = _____																	
FACW species _____	x 2 = _____																	
FAC species _____	x 3 = _____																	
FACU species _____	x 4 = _____																	
UPL species _____	x 5 = _____																	
Column Totals: _____	(A) _____ (B) _____																	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Rosa multiflora</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>															
2. <u>Rubus occidentalis</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Lonicera sp</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>															
4. <u>Salix nigra</u>	<u>5</u>	<u>N</u>	<u>OBL</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>45</u> = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Rubus occidentalis</u>	<u>30</u>	<u>N</u>	<u>FACU</u>															
2. <u>Daucus carota</u>	<u>35</u>	<u>Y</u>	<u>UPL</u>															
3. <u>Vicia americana</u>	<u>20</u>	<u>N</u>	<u>FACU</u>															
4. <u>Conium maculatum</u>	<u>15</u>	<u>N</u>	<u>FACW</u>															
5. <u>Solidago canadensis</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>															
6. <u>Onoclea sensibilis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>															
7. <u>Bellis perennis</u>	<u>20</u>	<u>N</u>	<u>UPL</u>															
8. <u>Potentilla simplex</u>	<u>10</u>	<u>N</u>	<u>FACU</u>															
9. <u>Plantago sp</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
10. <u>Taraxacum officinale</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
11. <u>Trifolium pratense</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
12. _____	_____	_____	_____															
<u>195</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u> </u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____ = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

No hydrophytic dominance.

Hydrophytic Vegetation Present?

Yes _____ No

VEGETATION – Use scientific names of plants.

Sampling Point: 1WQ WetAA

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	<u>Ulmus americana</u>			<u>35</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A)	
2.	<u>Fraxinus pennsylvannica</u>			<u>15</u>	<u>N</u>	<u>FACW</u>	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3.	<u>Acer rubrum</u>			<u>20</u>	<u>Y</u>	<u>FAC</u>		
4.	<u>Tsuga sp.</u>			<u>15</u>	<u>N</u>	<u>FACU</u>	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>83</u> (A/B)	
5.								
6.								
7.								
				<u>85</u>	= Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15'</u>)							Prevalence Index worksheet:	
							Total % Cover of:	Multiply by:
1.	<u>Acer rubrum</u>			<u>15%</u>	<u>Y</u>	<u>FACW</u>	OBL species	x 1 =
2.	<u>Salix sp.</u>			<u>5%</u>	<u>Y</u>	<u>FACW</u>	FACW species	x 2 =
3.							FAC species	x 3 =
4.							FACU species	x 4 =
5.							UPL species	x 5 =
6.							Column Totals:	(A) (B)
7.							Prevalence Index = B/A =	
				<u>20</u>	= Total Cover			
Herb Stratum (Plot size: <u>5'</u>)							Hydrophytic Vegetation Indicators:	
1.	<u>Matteuccia struthiopteris</u>			<u>20</u>	<u>N</u>	<u>FAC</u>	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2.	<u>Impatiens capensis</u>			<u>85</u>	<u>Y</u>	<u>FACW</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3.	<u>Glyceria striata</u>			<u>15</u>	<u>N</u>	<u>OBL</u>	<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹	
4.	<u>Spiraea tomentosa</u>			<u>10</u>	<u>N</u>	<u>FACW</u>	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5.	<u>Solidago gigantea</u>			<u>30</u>	<u>Y</u>	<u>FACW</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
6.	<u>Carex brinita</u>			<u>20</u>	<u>N</u>	<u>OBL</u>	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7.	<u>Phalaris arundinacea</u>			<u>15</u>	<u>N</u>	<u>FACW</u>		
8.								
9.								
10.								
11.								
12.								
				<u>145</u>	= Total Cover			
Woody Vine Stratum (Plot size: <u>—</u>)							Definitions of Vegetation Strata:	
1.							Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
2.							Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.	
3.							Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.	
4.							Woody vines – All woody vines greater than 3.28 ft in height.	
					= Total Cover			
Remarks: (Include photo numbers here or on a separate sheet.)							Hydrophytic Vegetation Present? Yes <u>X</u> No	

VEGETATION – Use scientific names of plants.

 Sampling Point: 14@WittAA

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	<u>Acer Saccharum</u>	<u>30</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)		
2.	<u>Fagus grandifolia</u>	<u>20</u>		<u>Y</u>	<u>FACU</u>	Total Number of Dominant Species Across All Strata: <u>7</u> (B)		
3.	<u>Carya ovata</u>	<u>25</u>		<u>Y</u>	<u>FACU</u>			
4.								
5.						Percent of Dominant Species That Are OBL, FACW, or FAC: <u>14</u> (A/B)		
6.						Prevalence Index worksheet:		
7.								
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				<u>90</u> = Total Cover				Total % Cover of: _____ Multiply by: _____
1.	<u>Abies Sp.</u>	<u>10</u>		<u>Y</u>	<u>FAC</u>	OBL species _____ x 1 = _____		
2.	<u>Acer Saccharum</u>	<u>40</u>		<u>Y</u>	<u>FACU</u>	FACW species _____ x 2 = _____		
3.						FAC species _____ x 3 = _____		
4.						FACU species _____ x 4 = _____		
5.						UPL species _____ x 5 = _____		
6.						Column Totals: _____ (A) _____ (B)		
7.						Prevalence Index = B/A = <u>>3</u>		
Herb Stratum (Plot size: <u>5'</u>)				<u>50</u> = Total Cover				Hydrophytic Vegetation Indicators:
1.	<u>10 Matteuccia struthiopteris</u>	<u>15</u>		<u>N</u>	<u>FAC</u>	<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation		
2.	<u>Acer Saccharum Saplings</u>	<u>35</u>		<u>Y</u>	<u>FACU</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%		
3.	<u>Dryopteris sp.</u>	<u>15</u>		<u>N</u>	<u>FACW</u>	<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹		
4.	<u>Caulophyllum thalictroides</u>	<u>30</u>		<u>Y</u>	<u>-</u>	<input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)		
5.	<u>Fraxinus Saplings</u>	<u>10</u>		<u>N</u>	<u>FACW</u>	___ Problematic Hydrophytic Vegetation ¹ (Explain)		
6.						¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
7.						Definitions of Vegetation Strata:		
8.								
9.								
10.						Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.		
11.						Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.		
12.						Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.		
Woody Vine Stratum (Plot size: <u>—</u>)				<u>105</u> = Total Cover				Woody vines – All woody vines greater than 3.28 ft in height.
1.						Hydrophytic Vegetation Present? Yes _____ <u>No</u>		
2.								
3.								
4.								
Remarks: (Include photo numbers here or on a separate sheet.)								

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@wet BB

Tree Stratum (Plot size: <u>30'</u>)			Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1.	<u>Acer rubrum</u>		<u>25%</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A)	
2.	<u>Fraxinus pennsylvanica</u>		<u>20%</u>	<u>Y</u>	<u>FACW</u>	Total Number of Dominant Species Across All Strata: <u>6</u> (B)	
3.	<u>Prunus serotina</u>		<u>10%</u>	<u>N</u>	<u>FACU</u>		
4.	<u>Betula populifolia</u>		<u>30%</u>	<u>Y</u>	<u>FACU</u>	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66.67</u> (A/B)	
5.	<u>Tsuga sp.</u>		<u>10%</u>	<u>N</u>	<u>FACW</u>		
6.							
7.							
			<u>95</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)						Prevalence Index worksheet:	
1.	<u>Tsuga sp.</u>		<u>5%</u>	<u>Y</u>	<u>FACW</u>	Total % Cover of: _____ Multiply by: _____	
2.	<u>Acer rubrum</u>		<u>15%</u>	<u>Y</u>	<u>FAC</u>	OBL species _____ x 1 = _____	
3.						FACW species _____ x 2 = _____	
4.						FAC species _____ x 3 = _____	
5.						FACU species _____ x 4 = _____	
6.						UPL species _____ x 5 = _____	
7.						Column Totals: _____ (A) _____ (B)	
			<u>30</u> = Total Cover	Prevalence Index = B/A = _____			
Herb Stratum (Plot size: <u>5'</u>)						Hydrophytic Vegetation Indicators:	
1.	<u>Oxycoccus sensibilis</u>		<u>70%</u>	<u>Y</u>	<u>FACW</u>	<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation	
2.	<u>Dryopteris sp.</u>		<u>15%</u>	<u>N</u>	<u>FACW</u>	<input checked="" type="checkbox"/> 2 - Dominance Test is >50%	
3.	<u>Spiraea alba</u>		<u>15%</u>	<u>N</u>	<u>FACW</u>	<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹	
4.	<u>Poa sp.</u>		<u>5%</u>	<u>N</u>	<u>FACU</u>	<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5.	<u>Acer rubrum Saplings</u>		<u>5%</u>	<u>N</u>	<u>FACU</u>	<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
6.						¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7.						Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.	
8.							
9.							
10.							
11.							
12.							
			<u>110</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)						Hydrophytic Vegetation Present?	
1.						Yes <u>X</u> No	
2.							
3.							
4.							
			_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)							

VEGETATION – Use scientific names of plants.

Sampling Point: 14@wetBB

Tree Stratum (Plot size: <u>30'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>		
2.	<u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>		
3.	<u>Fagus grandifolia</u>	<u>20</u>	<u>N</u>	<u>FACU</u>		
4.	<u>Tsuga sp.</u>	<u>10</u>	<u>N</u>	<u>FACU</u>		
5.	<u>Abies sp.</u>	<u>10</u>	<u>N</u>	<u>FAC</u>		
6.						
7.						
		<u>105</u>	= Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Abies sp.</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>		
2.	<u>Fagus grandifolia</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>		
3.	<u>Acer saccharum</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>		
4.						
5.						
6.						
7.						
		<u>35</u>	= Total Cover			

Herb Stratum (Plot size: <u>5'</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Dryopteris sp.</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>		
2.	<u>Poa sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>		
3.	<u>Acer saccharum Saplings</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>		
4.	<u>Maianthemum Canadense</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>		
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
		<u>75</u>	= Total Cover			

Woody Vine Stratum (Plot size: <u>—</u>)				Absolute % Cover	Dominant Species?	Indicator Status
1.						
2.						
3.						
4.						
			= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 37.5 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = 73

Hydrophytic Vegetation Indicators:

- N 1 - Rapid Test for Hydrophytic Vegetation
 - N 2 - Dominance Test is >50%
 - N 3 - Prevalence Index is ≤3.0¹
 - N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 - ___ Problematic Hydrophytic Vegetation¹ (Explain)
- ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present?

Yes _____ No (X)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@W&CC

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) _____ ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes <u>X</u> No
Remarks: (Include photo numbers here or on a separate sheet.) 				

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Acer rubrum</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
2. <u>Rubus occidentalis</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>15</u> = Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Glyceria striata</u>	<u>40</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Impatiens capensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Carex eximius</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
4. <u>Caltha palustris</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
5. <u>Euthamia graminifolia</u>	<u>25</u>	<u>N</u>	<u>FAC</u>	
6. <u>Rubus occidentalis</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
7. <u>Urtica dioica</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
				<u>155</u> = Total Cover

Woody Vine Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

VEGETATION – Use scientific names of plants.

Sampling Point: U@W+CC

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Tsuga sp.</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>43%</u> (A/B)
2. <u>Abies sp.</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Prunus Serotina</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
4. <u>Acer Saccharum</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
5. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
6. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>23</u>
7. _____	_____	_____	_____	
<u>105</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Acer Saccharum</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Abies sp.</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>35</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Dryopteris sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
2. <u>Rubus occidentalis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
3. <u>Rubus flagellans</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
4. <u>Mianthemum Canadense</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
5. <u>Poa sp.</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
6. <u>Acer Saccharum saplings</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Remarks: (Include photo numbers here or on a separate sheet.)
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
<u>100</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@W+DD

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				_____ = Total Cover

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Salix nigra</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Salix discolor</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Alnus incana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
4. <u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>65</u> = Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Typha latifolia</u>	<u>40</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Eupatorium perfoliatum</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Onoclea sensibilis</u>	<u>30</u>	<u>N</u>	<u>FACW</u>	
4. <u>Juncus effusus</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
5. <u>Mentha aquatica</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
6. <u>Bromus inermis</u>	<u>5</u>	<u>N</u>	<u>UPL</u>	
7. <u>Equisetum arvense</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
8. <u>Carex crinita</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
9. <u>Scirpus atrovirens</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	
10. <u>Impatiens capensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
11. <u>Lilium lancifolium</u>	<u>5</u>	<u>N</u>	<u>—</u>	
12. _____	_____	_____	_____	
				<u>225</u> = Total Cover

Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by:

OBL species _____ x 1 = _____

FACW species _____ x 2 = _____

FAC species _____ x 3 = _____

FACU species _____ x 4 = _____

UPL species _____ x 5 = _____

Column Totals: _____ (A) _____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☐ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 14@wet DD

Northcentral and Northeast Region – Version 2.0

VEGETATION – Use scientific names of plants.

Sampling Point: 1WQWtFE

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. <u>SNAGS of Tsuga. Sp.</u>	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet:
				Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)
				Total Number of Dominant Species Across All Strata: _____ (B)
				Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
				Prevalence Index worksheet:
				Total % Cover of: _____ Multiply by:
				OBL species _____ x 1 = _____
				FACW species _____ x 2 = _____
				FAC species _____ x 3 = _____
				FACU species _____ x 4 = _____
				UPL species _____ x 5 = _____
				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = _____
				Hydrophytic Vegetation Indicators:
				<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
				<input type="checkbox"/> 2 - Dominance Test is >50%
				<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
				<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
				Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes <u>X</u> No
Remarks: (Include photo numbers here or on a separate sheet.)				

Sapling/Shrub Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				= Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Juncus effusus</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
2. <u>Carex Crinita</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	
3. <u>Salix sp.</u>	<u>50</u>	<u>Y</u>	<u>OBL</u>	
4. <u>Impatiens Capensis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
5. <u>Wet grasses Glycena sp.</u>	<u>65</u>	<u>Y</u>	<u>FACW</u>	
6. <u>Galycia striata</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
7. <u>Urtica dioica</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
8. <u>Scirpus atrovirens</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
9. <u>Carex comosa</u>	<u>5</u>	<u>N</u>	<u>OBL</u>	
10. <u>Spiraea tomentosa</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
11. <u>Spiraea alba</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
12. _____	_____	_____	_____	
				<u>250</u> = Total Cover

Woody Vine Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				= Total Cover

VEGETATION – Use scientific names of plants.

Sampling Point: U@W+EE

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Betula alleghaniensis</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>14.2%</u> (A/B)
2. <u>Tsuga sp.</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Fagus grandifolia</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>75</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
<u>75</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Fagus grandifolia</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Acer pensylvanicum</u>	<u>15</u>	<u>Yes</u>	<u>FACU</u>	
3. <u>Betula alleghaniensis</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
<u>45</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Acer saccharum</u>	<u>15%</u>	<u>N</u>	<u>FACU</u>	
2. <u>Desmodium illinoense</u>	<u>70%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Acer rubrum</u>	<u>15%</u>	<u>N</u>	<u>FAC</u>	
4. <u>Rubus occidentalis</u>	<u>25%</u>	<u>Y</u>	<u>FACU</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
<u>105</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WetFF

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Tsuga sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
2. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>
3. <u>Acer saccharum</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
4. <u>Ulmus americana</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
5. <u>Betula allegheniensis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>90</u> = Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Ulmus americana</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2. <u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
3. <u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>35</u> = Total Cover			
Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Carex Crinita</u>	<u>20</u>	<u>N</u>	<u>OBL</u>
2. <u>Matteuccia struthiopteris</u>	<u>40</u>	<u>Y</u>	<u>FAC</u>
3. <u>Impatiens capensis</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>
4. <u>Onoclea sensibilis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5. <u>Dryopteris Sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
6. <u>Poa Sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
7. <u>Trifolium pratense</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>105</u> = Total Cover			
Woody Vine Stratum (Plot size: <u>-</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
_____ = Total Cover			

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 7 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 86 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☐ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 14@W4FF

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Acer Saccharum</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>43%</u> (A/B)
2. <u>Abies sp.</u>	<u>25%</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Tsuga sp.</u>	<u>20%</u>	<u>Y</u>	<u>FACU</u>	
4.				
5.				
6.				
7.				
<u>55</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>> 3</u>
				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes _____ No <u>(circled)</u>

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 1W@Wt 66

Tree Stratum (Plot size: _____)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<i>Ulmus americana</i> (Snags)	5%	N	FACW
2.				
3.				
4.				
5.				
6.				
7.				
		5 = Total Cover		
Sapling/Shrub Stratum (Plot size: 15')				
1.	<i>Salix discolor</i>	40%	Y	FACW
2.	<i>Salix alba</i>	30%	Y	FACW
3.				
4.				
5.				
6.				
7.				
		70 = Total Cover		
Herb Stratum (Plot size: 5')				
1.	<i>Carex</i> sp.	60%	Y	FACW
2.	<i>Oxalis sensibilis</i>	20%	N	FACW
3.	<i>Vicia americana</i>	10%	N	FACW
4.	<i>Spiraea alba</i>	15%	N	FACW
5.	<i>Spiraea tomentosa</i>	25%	N	FACW
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		130 = Total Cover		
Woody Vine Stratum (Plot size: _____)				
1.				
2.				
3.				
4.				
		= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A)

Total Number of Dominant Species Across All Strata: _____ (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☐ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 110W+GG

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>10'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Galium aparine</u>	<u>20%</u>	<u>N</u>	<u>FACU</u>	
2. <u>Vicia americana</u>	<u>40%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Gypsophila sp.</u>	<u>15%</u>	<u>N</u>	<u>—</u>	
4. <u>Conium maculatum</u>	<u>35%</u>	<u>N</u>	<u>FACW</u>	
5. <u>Dactylis sp.</u>	<u>60%</u>	<u>Y</u>	<u>FACU</u>	
6. <u>Euthamia graminifolia</u>	<u>30%</u>	<u>N</u>	<u>FAC</u>	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@W+H4/MM

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100%</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Salix discolor</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% _____ 3 - Prevalence Index is ≤3.0 ¹ _____ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Salix sericea</u>	<u>50%</u>	<u>Y</u>	<u>OBL</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
<u>80</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Spiraea tomentosa</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
2. <u>Spiraea alba</u>	<u>60%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Carex squarosa</u>	<u>20%</u>	<u>N</u>	<u>OBL</u>	
4. <u>Elocharis sp.</u>	<u>20%</u>	<u>N</u>	<u>OBL</u>	
5. <u>Glyceria striata</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
6. <u>Juncus effusus</u>	<u>10%</u>	<u>N</u>	<u>OBL</u>	
7. <u>Scirpus atrovirens</u>	<u>25%</u>	<u>N</u>	<u>OBL</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>180</u> = Total Cover				
Woody Vine Stratum (Plot size: <u> </u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 10@wnt#4/MM

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet:
				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
				Total Number of Dominant Species Across All Strata: <u>4</u> (B)
				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>25</u> (A/B)
				Prevalence Index worksheet:
				Total % Cover of: _____ Multiply by:
				OBL species _____ x 1 = _____
				FACW species _____ x 2 = _____
				FAC species _____ x 3 = _____
				FACU species _____ x 4 = _____
				UPL species _____ x 5 = _____
				Column Totals: _____ (A) _____ (B)
				Prevalence Index = B/A = <u>>3</u>
				Hydrophytic Vegetation Indicators:
				<input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
				<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
				<input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
				<input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
				<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata:
				Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
				Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
				Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
				Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes _____ <u>No</u>
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Acer saccharum</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>20</u> = Total Cover
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Rubus occidentalis</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Spiraea alba</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
3. <u>Spiraea tomentosa</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
4. <u>Solidago canadensis</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>	
5. <u>Dryopteris sp.</u>	<u>30</u>	<u>N</u>	<u>FACW</u>	
6. <u>Bromis erectus</u>	<u>35</u>	<u>Y</u>	<u>UPL</u>	
7. <u>Juncus effusus</u>	<u>5</u>	<u>N</u>	<u>OBL</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
				<u>200</u> = Total Cover
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

 Sampling Point: 2W@Wit HA/mm

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Ulmus americana</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75</u> (A/B)
2. <u>Fraxinus pennsylvanica</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Tilia americana</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
4. <u>Acer rubrum</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
5. <u>Acer saccharum</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
6. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
7. _____	_____	_____	_____	
<u>100</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Fraxinus pennsylvanica</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>60</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Oxycoccus sensibilis</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
2. <u>Carex crinita</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Impatiens capensis</u>	<u>25</u>	<u>N</u>	<u>FACW</u>	
4. <u>Solidago gigantea</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
5. <u>Juncus effusus</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
6. <u>Equisetum arvense</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
7. <u>Fraxinus saplings</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
8. <u>Acer saplings</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
9. <u>Matteria struthiopteris</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
10. <u>Bromus inermis</u>	<u>30</u>	<u>Y</u>	<u>UPL</u>	
<u>210</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 24@Wet44/MM

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Tsya Sp.</u>	<u>15</u>	<u>N</u>	<u>FACU</u>
2.	<u>Acer Saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
4.	<u>Betula populifolia</u>	<u>15</u>	<u>N</u>	<u>FAC</u>
5.	<u>Prunus Serotina</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
6.				
7.				
		<u>90</u>	= Total Cover	

Sapling/Shrub Stratum (Plot size: <u>15</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Fagus grandifolia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
3.	<u>Acer Saccharum</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>
4.	<u>Fraxinus pennsylvanica</u>			
5.				
6.				
7.				
		<u>40</u>	= Total Cover	

Herb Stratum (Plot size: <u>5</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Dryopteris sp.</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Fraxinus Saplings</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Poa sp.</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>80</u>	= Total Cover	

Woody Vine Stratum (Plot size: <u> </u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>87.5</u>	x 2 = <u>175</u>
FAC species <u>52.77</u>	x 3 = <u>158.31</u>
FACU species <u>187.31</u>	x 4 = <u>749.24</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>327.58</u> (A)	<u>1,082.5</u> (B)

Prevalence Index = B/A = 3.3

Hydrophytic Vegetation Indicators:

N 1 - Rapid Test for Hydrophytic Vegetation

N 2 - Dominance Test is >50%

N 3 - Prevalence Index is ≤3.0¹

N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

 Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes No (X)

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wt+II

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: ___ 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% ___ 3 - Prevalence Index is ≤3.0 ¹ ___ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Betula populifolia</u>	<u>30%</u>	<u>Y</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
<u>30</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Rubus occidentalis</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. <u>Spiraea alba</u>	<u>35%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Spiraea tomentosa</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Eleocharis sp.</u>	<u>30%</u>	<u>N</u>	<u>OBL</u>	
5. <u>Juncus effusus</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
6. <u>Scirpus atrovirens</u>	<u>40%</u>	<u>Y</u>	<u>OBL</u>	
7. <u>Bromus inermis</u>	<u>40%</u>	<u>Y</u>	<u>UPL</u>	
8. <u>Dryopteris sp.</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
9. <u>Acer rubrum saplings</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>205</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

Sampling Point: 1u@Wet II

Northcentral and Northeast Region – Version 2.0

VEGETATION – Use scientific names of plants.

 Sampling Point: W@W#55

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Ulmus americana</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>8</u> (A) Total Number of Dominant Species Across All Strata: <u>9</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>88</u> (A/B)
2. <u>Prunus serotina</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
3. <u>Fraxinus pennsylvannica</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Acer rubrum</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	
5. <u>Acer saccharum</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
6. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
7. _____	_____	_____	_____	
<u>85</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Alnus incana</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
2. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Viburnum Sp.</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
7. _____	_____	_____	_____	
<u>65</u> = Total Cover				
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Impatiens capensis</u>	<u>65</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No _____
2. <u>Carex crinita</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Bromus Sp.</u>	<u>30</u>	<u>Y</u>	<u>UPL</u>	
4. <u>Oenothera sensibilis</u>	<u>25</u>	<u>N</u>	<u>FACW</u>	
5. <u>Matteria struthiopteris</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
6. <u>Carlophyllum thalictroides</u>	<u>10</u>	<u>N</u>	<u>-</u>	
7. <u>Gallium brevipes?</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
8. <u>Dryopteris Sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>195</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>-</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 14@wet55

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Tsuga sp.</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>33%</u> (A/B)
2. <u>Fagus grandifolia</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4. <u>Acer saccharum</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15</u>) <u>05</u> = Total Cover				
1. <u>Acer rubrum</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5</u>) <u>15</u> = Total Cover				
1. <u>Dryopteris sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: A 1 - Rapid Test for Hydrophytic Vegetation N 2 - Dominance Test is >50% N 3 - Prevalence Index is ≤3.0 ¹ N 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Acer saplings</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
3. <u>Trillium sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) <u>30</u> = Total Cover				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WtLL

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Tsuga sp.</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>86</u> (A/B)
2. <u>Ulmus americana</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Fraxinus pennsylvanica</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>75</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Acer rubrum</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
2. <u>Ulmus americana</u>	<u>35%</u>	<u>Y</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>55</u> = Total Cover				
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Impatiens capensis</u>	<u>70%</u>	<u>Y</u>	<u>FACW</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. <u>Dryopteris sp.</u>	<u>20%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Rubus occidentalis</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>95</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>-</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 100W+LL

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66.67</u> (A/B)														
1.	<u>Tsuga sp.</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>															
2.	<u>Betula allegheniensis</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>															
3.	<u>Prunus serotina</u>	<u>10</u>	<u>N</u>	<u>FACW</u>															
4.	<u>Fagus grandifolia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
5.	<u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>															
6.																			
7.																			
		<u>75</u> = Total Cover																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Total % Cover of:</td> <td style="width: 50%;">Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>16.67</u></td> <td>x 2 = <u>33.34</u></td> </tr> <tr> <td>FAC species <u>213.3</u></td> <td>x 3 = <u>639.9</u></td> </tr> <tr> <td>FACU species <u>69.7</u></td> <td>x 4 = <u>279.88</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>299.67</u> (A)</td> <td><u>953.18</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.18</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>16.67</u>	x 2 = <u>33.34</u>	FAC species <u>213.3</u>	x 3 = <u>639.9</u>	FACU species <u>69.7</u>	x 4 = <u>279.88</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>299.67</u> (A)	<u>953.18</u> (B)
Total % Cover of:	Multiply by:																		
OBL species <u>0</u>	x 1 = <u>0</u>																		
FACW species <u>16.67</u>	x 2 = <u>33.34</u>																		
FAC species <u>213.3</u>	x 3 = <u>639.9</u>																		
FACU species <u>69.7</u>	x 4 = <u>279.88</u>																		
UPL species <u>0</u>	x 5 = <u>0</u>																		
Column Totals: <u>299.67</u> (A)	<u>953.18</u> (B)																		
1.	<u>Betula allegheniensis</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>															
2.	<u>Prunus serotina</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>															
3.	<u>Fagus grandifolia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
4.	<u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>															
5.																			
6.																			
7.																			
		<u>50</u> = Total Cover																	
Herb Stratum (Plot size: <u>5</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
1.	<u>Dryopteris intermedia</u>	<u>60%</u>	<u>Y</u>	<u>FAC</u>															
2.	<u>Betula saplings</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>															
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
		<u>80</u> = Total Cover																	
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes ___ No <u>(X)</u>														
1.																			
2.																			
3.																			
4.																			

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: WOW&NN

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>60</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
			= Total Cover	Prevalence Index worksheet: <table style="width:100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____</td> <td>(A) _____ (B) _____</td> </tr> </table> Prevalence Index = B/A = _____	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____	(A) _____ (B) _____
Total % Cover of:	Multiply by:																	
OBL species _____	x 1 = _____																	
FACW species _____	x 2 = _____																	
FAC species _____	x 3 = _____																	
FACU species _____	x 4 = _____																	
UPL species _____	x 5 = _____																	
Column Totals: _____	(A) _____ (B) _____																	
			= Total Cover															
Sapling/Shrub Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
			= Total Cover															
Herb Stratum (Plot size: <u>10'</u>)																		
1. <u>Verbena hastata</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
2. <u>Carex acutata</u>	<u>20</u>	<u>N</u>	<u>OBL</u>															
3. <u>Eupatorium perfoliatum</u>	<u>20</u>	<u>N</u>	<u>FACW</u>															
4. <u>Trifolium pratense</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>															
5. <u>Impatiens capensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>															
6. <u>Oenothera biennis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>															
7. <u>Scirpus atrovirens</u>	<u>25</u>	<u>Y</u>	<u>OBL</u>															
8. <u>Vicia americana</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>															
9. <u>Solidago gigantea</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>															
10. <u>Burnsia inermis</u>	<u>15</u>	<u>N</u>	<u>UPL</u>															
11. <u>Carex squarrosa</u>	<u>15</u>	<u>N</u>	<u>OBL</u>															
12. <u>Eleocharis sp.</u>	<u>15</u>	<u>N</u>	<u>OBL</u>															
			<u>285</u> = Total Cover															
Woody Vine Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
			= Total Cover															

Remarks: (Include photo numbers here or on a separate sheet.)

Hydrophytic Vegetation Present? Yes X No

VEGETATION – Use scientific names of plants.

Sampling Point: 100Wt NN

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>5</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>20</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>> 3</u>
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: <u>15'</u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. <u>Trifolium pratense</u>	<u>50%</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Taraxacum officinale</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Plantago major</u>	<u>20%</u>	<u>N</u>	<u>FACU</u>	
4. <u>Euthemia graminifolia</u>	<u>40%</u>	<u>Y</u>	<u>FAC</u>	
5. <u>Bomix thermis</u>	<u>30%</u>	<u>N</u>	<u>UPL</u>	
6. <u>Daucus carota</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>	
7. <u>Phleum pratense</u>	<u>30%</u>	<u>Y</u>	<u>FACU</u>	
8. <u>Vicia americana</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
9. <u>Convolvulus arvensis</u>	<u>20</u>	<u>N</u>	<u>FACU</u>	
10. <u>Rubus occidentalis</u>	<u>30</u>	<u>Y</u>	<u>UPL/FACU</u>	
11. <u>Impatiens capensis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
12. <u>Common Verbena hastata</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wet 00

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Betula populifolia</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>5</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
<u>30</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Salix discolor</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Viburnum sp.</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>25</u> = Total Cover				
Herb Stratum (Plot size: <u>5</u>)				
1. <u>Urtica dioica</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
2. <u>Carex crinita</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
3. <u>Salix sp.</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
4. <u>Aquatic Veg.</u>	<u>30</u>	<u>N</u>	<u>OBL</u>	
5. <u>Ph. Plantago aquatica</u>	<u>35</u>	<u>Y</u>	<u>OBL</u>	
6. <u>Onoclea sensibilis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
7. <u>Ludwigia sp.</u>	<u>60</u>	<u>Y</u>	<u>OBL</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>170</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

VEGETATION – Use scientific names of plants.

Sampling Point: 140W400

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Betula alleghaniensis</u>	<u>25</u>	<u>N</u>	<u>FAC</u>	
2. <u>Alnus incana</u>	<u>25</u>	<u>N</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Plantago major</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Bromus inermis</u>	<u>40</u>	<u>Y</u>	<u>UPL</u>	
3. <u>Taraxacum officinale</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
4. <u>Trifolium pratense</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>	
5. <u>Poa compressa</u>	<u>20</u>	<u>N</u>	<u>FACU</u>	
6. <u>Euthamia graminifolia</u>	<u>20</u>	<u>N</u>	<u>FAC</u>	
7. <u>Solidago canadensis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
8. <u>Rubus occidentalis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wt+P

Tree Stratum (Plot size: <u>30</u>)			Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75</u> (A/B)
1.	<u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>		
2.	<u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>		
3.	<u>Ulmus americana</u>	<u>5</u>	<u>N</u>	<u>FACW</u>		
4.						
5.						
6.						
7.						
		<u>45</u>	= Total Cover			Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15</u>)						
1.	<u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>		
2.						
3.						
4.						
5.						
6.						
7.						
		<u>10</u>	= Total Cover			
Herb Stratum (Plot size: <u>5</u>)						Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<u>Blue cohosh C. thalictroides</u>	<u>35</u>	<u>Y</u>	<u>-</u>		
2.	<u>Impatiens capensis</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>		
3.	<u>Equisetum perfoliatum</u>	<u>10</u>	<u>N</u>	<u>FACW</u>		
4.	<u>Solidago gigantea</u>	<u>15</u>	<u>N</u>	<u>FACW</u>		
5.	<u>Oxalis sensibilis</u>	<u>25</u>	<u>N</u>	<u>FACW</u>		
6.	<u>Dryopteris sp.</u>	<u>20</u>	<u>N</u>	<u>FACW</u>		
7.						
8.						
9.						
10.						
11.						
12.						
		<u>155</u>	= Total Cover			
Woody Vine Stratum (Plot size: <u>-</u>)						Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1.						
2.						
3.						
4.						
			= Total Cover			
Hydrophytic Vegetation Present? Yes <u>X</u> No						

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 14@WdPP

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Abies sp.</u>	<u>45</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>8</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75</u> (A/B)														
2. <u>Tsuga sp.</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Acer rubrum</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>90</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>20</u></td> <td>x 2 = <u>40</u></td> </tr> <tr> <td>FAC species <u>227.8</u></td> <td>x 3 = <u>683.4</u></td> </tr> <tr> <td>FACU species <u>52.2</u></td> <td>x 4 = <u>208.8</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>300</u> (A)</td> <td><u>932.2</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.11</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>20</u>	x 2 = <u>40</u>	FAC species <u>227.8</u>	x 3 = <u>683.4</u>	FACU species <u>52.2</u>	x 4 = <u>208.8</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>300</u> (A)	<u>932.2</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>20</u>	x 2 = <u>40</u>																	
FAC species <u>227.8</u>	x 3 = <u>683.4</u>																	
FACU species <u>52.2</u>	x 4 = <u>208.8</u>																	
UPL species <u>0</u>	x 5 = <u>0</u>																	
Column Totals: <u>300</u> (A)	<u>932.2</u> (B)																	
<u>80</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. <u>Abies sp.</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>															
2. <u>Acer rubrum sp.</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>50</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Dryopteris sp.</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
2. <u>Canada Mayflower O. canadense</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Abies Saplings</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>50</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>5</u>)																		
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____ = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) 																		

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WtGG

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
_____ = Total Cover				
_____ = Total Cover				
_____ = Total Cover				
_____ = Total Cover				
_____ = Total Cover				
_____ = Total Cover				
Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.				
Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.				
Hydrophytic Vegetation Present? Yes <u>+</u> No				
Herb Stratum (Plot size: <u>15'</u>)				
1. <u>Ranunculus Sp.</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	Remarks: (Include photo numbers here or on a separate sheet.)
2. <u>Juncus effusus</u>	<u>40%</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Scirpus atrovirens</u>	<u>30%</u>	<u>Y</u>	<u>OBL</u>	
4. <u>Carex Sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
5. <u>Euthamia graminifolia</u>	<u>45%</u>	<u>Y</u>	<u>FAC</u>	
6. <u>Bomus inermis</u>	<u>15%</u>	<u>N</u>	<u>UPL</u>	
7. <u>Spiraea tomentosa</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
8. <u>Spiraea alba</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
9. <u>Potentilla simplex</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
10. <u>Rubus occidentalis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
11. <u>Fragaria vesca</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>	
12. _____	_____	_____	_____	
<u>225</u> = Total Cover				
Woody Vine Stratum (Plot size: <u> </u>)				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <u>+</u> No
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

VEGETATION – Use scientific names of plants.

Sampling Point: 140W+66

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		_____ = Total Cover		
Herb Stratum (Plot size: <u>15'</u>)				
1. <u>Maize. 2-mays</u>	<u>70%</u>	<u>Y</u>	<u>UPL</u>	
2. <u>Rubus occidentalis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
3. <u>Vicia americana</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Trifolium pratense</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
5. <u>Ranunculus sp.</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>	
6. <u>Bellis perennis</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
		<u>130</u> = Total Cover		
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
		_____ = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____ x 1 = _____	
FACW species _____ x 2 = _____	
FAC species _____ x 3 = _____	
FACU species _____ x 4 = _____	
UPL species _____ x 5 = _____	
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = 73

Hydrophytic Vegetation Indicators:

2 1 - Rapid Test for Hydrophytic Vegetation

2 2 - Dominance Test is >50%

2 3 - Prevalence Index is ≤3.0¹

2 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No (circled)

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@W+RR

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Abies sp.</u>	<u>30%</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>86.67</u> (A/B)
2. <u>Tsuga sp.</u>	<u>25%</u>	<u>Y</u>	<u>FACU</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>55</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>—</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) - <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes <u>Y</u> No _____
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	Remarks: (Include photo numbers here or on a separate sheet.)
<u>90</u> = Total Cover				
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

VEGETATION – Use scientific names of plants.

Sampling Point: UCW+RR

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Abies sp.</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>28.6</u> (A/B)
2. <u>Tsuga sp.</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Prunus serotina</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
4. <u>Acer saccharum</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
5. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
6. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>>3</u>
7. _____	_____	_____	_____	
<u>80</u> = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Tsuga sp.</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
<u>30</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Rubus occidentalis</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Dryopteris sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Miscanthum canadense</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>	
4. <u>Acer saccharum Saplings</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation Present? Yes _____ <u>No</u>
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
<u>60</u> = Total Cover				Woody Vine Stratum (Plot size: <u>—</u>)
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.)				

VEGETATION – Use scientific names of plants.

Sampling Point: 1W0wetSS

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Abies</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. <u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Betula populifolia</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
4. <u>Betula alleghaniensis</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
5. <u>Ulmus americana</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>85</u> = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15</u>)				
1. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
2. <u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Alnus incana</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
<u>60</u> = Total Cover				
Herb Stratum (Plot size: <u>5</u>)				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Interrupted fern O. claytoniana</u>	<u>25</u>	<u>N</u>	<u>FAC</u>	
2. <u>Carex canadensis</u>	<u>30</u>	<u>N</u>	<u>OBL</u>	
3. <u>Carex sp.</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
4. <u>Impatiens capensis</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
5. <u>Onoclea sensibilis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
6. <u>Glycyrrhiza striata</u>	<u>15</u>	<u>N</u>	<u>OBL</u>	
7. <u>Dryopteris sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
<u>165</u> = Total Cover				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: <u>—</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 140W+55

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:														
1. <u>Betula populifolia</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>5</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>71%</u> (A/B)														
2. <u>Abies sp.</u>	<u>40</u>	<u>Y</u>	<u>FAC</u>															
3. <u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>															
4. <u>Acer rubrum</u>	<u>10</u>	<u>N</u>	<u>PAC</u>															
5. _____	_____	_____	_____	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>46.2</u></td> <td>x 2 = <u>92.4</u></td> </tr> <tr> <td>FAC species <u>166.57</u></td> <td>x 3 = <u>499.71</u></td> </tr> <tr> <td>FACU species <u>76.2</u></td> <td>x 4 = <u>304.8</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>288.77</u> (A)</td> <td><u>896.91</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.10</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>46.2</u>	x 2 = <u>92.4</u>	FAC species <u>166.57</u>	x 3 = <u>499.71</u>	FACU species <u>76.2</u>	x 4 = <u>304.8</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>288.77</u> (A)	<u>896.91</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>46.2</u>	x 2 = <u>92.4</u>																	
FAC species <u>166.57</u>	x 3 = <u>499.71</u>																	
FACU species <u>76.2</u>	x 4 = <u>304.8</u>																	
UPL species <u>0</u>	x 5 = <u>0</u>																	
Column Totals: <u>288.77</u> (A)	<u>896.91</u> (B)																	
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>100</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Abies sp.</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)														
2. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>45</u> = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Canada mayflower M. canadensis</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
2. <u>Dryopteris sp.</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>															
3. <u>Indian Cucumber M. virginiana</u>	<u>10</u>	<u>N</u>	<u>FACU</u>															
4. <u>Acer rubrum Saplings</u>	<u>5</u>	<u>N</u>	<u>FAC</u>															
5. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>														
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>65</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u> </u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____ = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.)																		

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wet TT

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Abies sp.</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)														
2. <u>Betula populifolia</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>															
3. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>70</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____</td> <td>(A) _____ (B) _____</td> </tr> </table> Prevalence Index = B/A = _____	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____	(A) _____ (B) _____
Total % Cover of:	Multiply by:																	
OBL species _____	x 1 = _____																	
FACW species _____	x 2 = _____																	
FAC species _____	x 3 = _____																	
FACU species _____	x 4 = _____																	
UPL species _____	x 5 = _____																	
Column Totals: _____	(A) _____ (B) _____																	
<u>70</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Betula populifolia</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>															
2. <u>Acer rubrum</u>	<u>15</u>	<u>N</u>	<u>FAC</u>															
3. <u>Abies sp.</u>	<u>25</u>	<u>Y</u>	<u>FAC</u>															
4. <u>Viburnum sp.</u>	<u>15</u>	<u>N</u>	<u>FAC</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
<u>85</u> = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Carex sp. (Bladegrass sedge)</u>	<u>50</u>	<u>Y</u>	<u>FACW</u>															
2. <u>Spiraea alba</u>	<u>35</u>	<u>N</u>	<u>FACW</u>															
3. <u>Spiraea tomentosa</u>	<u>15</u>	<u>N</u>	<u>FACW</u>															
4. <u>Thick Bryophyte Mat.</u>	<u>90%</u>	<u>Y</u>	<u>FACW</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
<u>190</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____ = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 14a W4TT

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@Wt44

Tree Stratum (Plot size: <u>30</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
1.	<u>Black locust R. pseudoacacia</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
2.	<u>Acer rubrum</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
3.	<u>Acer saccharum</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
4.	<u>Betula populifolia</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
5.	<u>Ulmus americana</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
6.	<u>Tsuga sp</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
7.					
		= Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
1.	<u>Ulmus americana</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Viburnum sp.</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	
3.	<u>Tsuga sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
4.	<u>Betula alleghaniensis</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
5.	<u>Fraxinus pennsylvanica</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	
6.					
7.					
		= Total Cover			
Herb Stratum (Plot size: <u>5</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1.	<u>Interrupted fern O. claytoniana</u>	<u>50%</u>	<u>Y</u>	<u>FAC</u>	
2.	<u>Carex crinita</u>	<u>20%</u>	<u>N</u>	<u>OBL</u>	
3.	<u>Carex sp.</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	
4.	<u>Euthamia graminifolia</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	
5.	<u>Bromis inermis</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>	
6.	<u>Glyceria striata</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
7.	<u>Dryopteris sp</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
8.					
9.					
10.					
11.					
12.					
		= Total Cover			
Woody Vine Stratum (Plot size: <u>—</u>)		Absolute % Cover	Dominant Species?	Indicator Status	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
1.					
2.					
3.					
4.					
		= Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 140W+44

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. <u>Fagus grandifolia</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50</u> (A/B)														
2. <u>Acer rubrum</u>	<u>15</u>	<u>N</u>	<u>FAC</u>															
3. <u>Acer Saccharum</u>	<u>15</u>	<u>N</u>	<u>FACU</u>															
4. <u>Ulmus americana</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>															
5. _____	_____	_____	_____	Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>16.7</u></td> <td>x 2 = <u>33.34</u></td> </tr> <tr> <td>FAC species <u>16.67</u></td> <td>x 3 = <u>50.01</u></td> </tr> <tr> <td>FACU species <u>16.67</u></td> <td>x 4 = <u>66.64</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>299.98</u> (A)</td> <td><u>949.78</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.166</u>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>16.7</u>	x 2 = <u>33.34</u>	FAC species <u>16.67</u>	x 3 = <u>50.01</u>	FACU species <u>16.67</u>	x 4 = <u>66.64</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>299.98</u> (A)	<u>949.78</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0</u>	x 1 = <u>0</u>																	
FACW species <u>16.7</u>	x 2 = <u>33.34</u>																	
FAC species <u>16.67</u>	x 3 = <u>50.01</u>																	
FACU species <u>16.67</u>	x 4 = <u>66.64</u>																	
UPL species <u>0</u>	x 5 = <u>0</u>																	
Column Totals: <u>299.98</u> (A)	<u>949.78</u> (B)																	
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>90</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)																		
1. <u>Fagus grandifolia</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
2. <u>Ulmus americana</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>															
3. <u>Acer Saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.														
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>90</u> = Total Cover																		
Herb Stratum (Plot size: <u>5'</u>)																		
1. <u>Dryopteris Sp.</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes _____ <u>No</u>														
2. <u>Canada Mayflower M. canadense</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
3. <u>Fagus Saplings</u>	<u>6</u>	<u>N</u>	<u>FACU</u>															
4. <u>Fraxinus Saplings</u>	<u>5</u>	<u>N</u>	<u>FACW</u>															
5. _____	_____	_____	_____	Woody Vine Stratum (Plot size: <u>—</u>) 1. _____ 2. _____ 3. _____ 4. _____ _____ = Total Cover														
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>30</u> = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1W@WtWW

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>Betula populifolia</u>	<u>10%</u>	<u>Y</u>	<u>FAC</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. <u>Tsuga sp.</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
3. <u>White Cedar</u>	<u>15%</u>	<u>Y</u>	<u>OBL</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) _____ = Total Cover				Hydrophytic Vegetation Indicators: <input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Alnus incana</u>	<u>35%</u>	<u>Y</u>	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>5'</u>) _____ = Total Cover				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
1. <u>Impatiens capensis</u>	<u>60%</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Oenothera sensibilis</u>	<u>45%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Eupatorium perfoliatum</u>	<u>15%</u>	<u>N</u>	<u>FACU</u>	
4. <u>Poa? Wet grasses</u>	<u>65%</u>	<u>Y</u>	<u>FACW</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
5. <u>Carex sp.</u>	<u>30%</u>	<u>N</u>	<u>OBL</u>	
6. <u>Dryopteris sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
7. <u>Solidago gigantea</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
8. <u>Marsh marigold.</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) _____ = Total Cover				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1U@W+WW

Tree Stratum (Plot size: <u>30'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. <u>White Cedar (Taxus heterophylla)</u>	<u>35%</u>	<u>Y</u>	<u>OBL</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>25</u> (A/B)
2. <u>Tsuga sp.</u>	<u>40%</u>	<u>Y</u>	<u>FACU</u>	
3. <u>Acer saccharum</u>	<u>20%</u>	<u>Y</u>	<u>FACU</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species <u>35</u> x 1 = _____ FACW species <u>0</u> x 2 = _____ FAC species <u>50</u> x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
Sapling/Shrub Stratum (Plot size: <u>15'</u>) <u>95</u> = Total Cover				
1. <u>Tsuga sp.</u>	<u>20%</u>	<u>Y</u>	<u>FACU</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
Herb Stratum (Plot size: <u>245'</u>) _____ = Total Cover				
1. <u>Acer saplings</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
2. <u>Poa saplings</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
Woody Vine Stratum (Plot size: <u>—</u>) _____ = Total Cover				
1. _____	_____	_____	_____	Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 24@W+WW

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 2W@WJWW

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>5%</u>	<u>N</u>	<u>FAC</u>
2.	<u>White Cedar (T. heterophylla)</u>	<u>5%</u>	<u>N</u>	<u>OBL</u>
3.				
4.				
5.				
6.				
7.				
		= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer rubrum</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>
2.	<u>Alnus incana</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>
3.				
4.				
5.				
6.				
7.				
		<u>70</u> = Total Cover		
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Bromis inermis</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>
2.	<u>Manna grass (Glyceria sp.)</u>	<u>30%</u>	<u>Y</u>	<u>OBL</u>
3.	<u>Blue cohosh (C. thalictroides)</u>	<u>10%</u>	<u>N</u>	<u>UPL</u>
4.	<u>Equisetum pratense</u>	<u>16%</u>	<u>N</u>	<u>FACW</u>
5.	<u>False hellebore</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>
6.	<u>Mattuccia struthiopteris</u>	<u>20%</u>	<u>N</u>	<u>FAC</u>
7.	<u>Blade Sedge (Carex sp.)</u>	<u>35%</u>	<u>Y</u>	<u>OBL</u>
8.	<u>Impatiens copensis</u>	<u>16%</u>	<u>N</u>	<u>FACW</u>
9.	<u>Carex sp.</u>	<u>65%</u>	<u>Y</u>	<u>OBL</u>
10.				
11.				
12.				
		<u>205</u> = Total Cover		
Woody Vine Stratum (Plot size: _____)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
		= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of: _____ Multiply by:

OBL species _____ x 1 = _____

FACW species _____ x 2 = _____

FAC species _____ x 3 = _____

FACU species _____ x 4 = _____

UPL species _____ x 5 = _____

Column Totals: _____ (A) _____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☒ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: 1W@WetX

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: _____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: _____ (A/B)
				Prevalence Index worksheet: <div style="display: flex; justify-content: space-between;"> Total % Cover of: Multiply by: </div> OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) _____ ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes <u>X</u> No

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Salix nigra</u>	<u>40%</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Salix discolor</u>	<u>25%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Rubus occidentalis</u>	<u>5%</u>	<u>N</u>	<u>FACU</u>	
4. <u>Lonicera sp.</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>80</u> = Total Cover

Herb Stratum (Plot size: <u>5'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Onoclea sensibilis</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
2. <u>Wet grasses</u>	<u>20%</u>	<u>Y</u>	<u>FACW</u>	
3. <u>Solidago gigantea</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
4. <u>Potentilla simplex</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>	
5. <u>Trifolium pratense</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
6. <u>Juncus effusus</u>	<u>20%</u>	<u>Y</u>	<u>OBL</u>	
7. <u>Carex sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
8. <u>Typha angustifolia</u>	<u>20%</u>	<u>Y</u>	<u>OBL</u>	
9. <u>Impatiens capensis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
10. _____	_____	_____	_____	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
				<u>145</u> = Total Cover

Woody Vine Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 14@WetXX

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Sapling/Shrub Stratum (Plot size: <u>—</u>) 1. _____				
2. _____				
3. _____				
4. _____				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
5. _____				
6. _____				
7. _____				
_____ = Total Cover				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>
Herb Stratum (Plot size: <u>10'</u>) 1. <u>Rubus occidentalis</u> <u>15%</u> <u>N</u> <u>FACW</u>				
2. <u>Trifolium pratense</u> <u>40%</u> <u>Y</u> <u>FACW</u>				
3. <u>Danacis racemosa</u> <u>20%</u> <u>Y</u> <u>UPL</u>				
4. <u>Upland grasses (6 lycerum)</u> <u>35%</u> <u>Y</u> <u>UPL</u>				Remarks: (Include photo numbers here or on a separate sheet.)
5. <u>Cirsium sp.</u> <u>15%</u> <u>N</u> <u>FACW</u>				
6. <u>Potentilla simplex</u> <u>20%</u> <u>Y</u> <u>FACW</u>				
7. <u>Solidago canadensis</u> <u>10%</u> <u>N</u> <u>FACU</u>				
8. <u>Plantago lanceolata</u> <u>10%</u> <u>N</u> <u>FACU</u>				
9. <u>Taraxacum officinale</u> <u>5%</u> <u>N</u> <u>FACW</u>				
10. <u>Asclepias syriaca</u> <u>5%</u> <u>N</u> <u>UPL</u>				
11. _____				
12. _____				
<u>175</u> = Total Cover				
Woody Vine Stratum (Plot size: _____) 1. _____				
2. _____				
3. _____				
4. _____				
_____ = Total Cover				

Sampling Point: WQWt+YY

Tree Stratum (Plot size: <u>30'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Fraxinus pennsylvanica</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Ulmus americana</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
3.	<u>Betula populifolia</u>	<u>20%</u>	<u>Y</u>	<u>FAC</u>	
4.	<u>"Snags"</u>	<u>10%</u>	<u>—</u>	<u>—</u>	
5.					
6.					
7.					
		<u>100</u>	= Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Betula populifolia</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
2.	<u>Salix nigra</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
3.	<u>Fraxinus pennsylvanica</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
4.	<u>Lonicera sp</u>	<u>5</u>	<u>N</u>	<u>FACU</u>	
5.	<u>Viburnum sp</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
6.					
7.					
		<u>80</u>	= Total Cover		

Herb Stratum (Plot size: <u>5'</u>)			Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Onoclea sensibilis</u>	<u>55%</u>	<u>Y</u>	<u>FACW</u>	
2.	<u>Carex sp.</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	
3.	<u>Dicranthelium clandestinum</u>	<u>20%</u>	<u>N</u>	<u>FACW</u>	
4.	<u>Impatiens capensis</u>	<u>30%</u>	<u>Y</u>	<u>FACW</u>	
5.	<u>Monarda aquatica</u>	<u>10%</u>	<u>N</u>	<u>OBL</u>	
6.	<u>Equisetum arvense</u>	<u>25%</u>	<u>N</u>	<u>FAC</u>	
7.	<u>Chelone alba glabra</u>	<u>15%</u>	<u>N</u>	<u>OBL</u>	
8.	<u>Salix septentrionalis</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
9.	<u>Ranunculus sp.</u>	<u>15%</u>	<u>N</u>	<u>FACW</u>	
10.	<u>Trifolium pratense</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
11.	<u>Asclepias syriaca</u>	<u>5%</u>	<u>N</u>	<u>UPL</u>	
12.	<u>Rubus occidentalis</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>	
		<u>225</u>	= Total Cover		

Woody Vine Stratum (Plot size: _____)			Absolute % Cover	Dominant Species?	Indicator Status
1.					
2.					
3.					
4.					
			= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 8 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

3 - Prevalence Index is ≤3.0¹

4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

 - Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 100W+YY

Tree Stratum (Plot size: <u>1</u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>8</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
Sapling/Shrub Stratum (Plot size: <u>1</u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>10'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
1. <u>Vicia americana</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Daucus carota</u>	<u>25</u>	<u>N</u>	<u>UPL</u>	
3. <u>Oxalis sensibilis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
4. <u>Carex sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
5. <u>Poa compressa</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
6. <u>Solidago canadensis</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
7. <u>Betula saplings</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
8. <u>Tetralium pratense</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
9. <u>Potentilla simplex</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
10. <u>Taraxacum officinale</u>	<u>10</u>	<u>N</u>	<u>FACU</u>	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>180</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				Hydrophytic Vegetation Present? Yes _____ No <u><input checked="" type="radio"/></u>
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1Wet22

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u> 2 </u> (A) Total Number of Dominant Species Across All Strata: <u> 2 </u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u> 100 </u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Alnus incana</u>	<u>10%</u>	<u>N</u>	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
_____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <u>Onoclea Onoclea sensibilis</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	
2. <u>Equisetum pratense</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
3. <u>Dryopteris sp.</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
4. <u>Impatiens capensis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
_____ = Total Cover				
Woody Vine Stratum (Plot size: <u> </u>)				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height. Hydrophytic Vegetation Present? Yes <u>X</u> No
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
_____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				

VEGETATION – Use scientific names of plants.

Sampling Point: 140w+23

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>4</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>25</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Sapling/Shrub Stratum (Plot size: _____) 1. _____ 2. _____ 3. _____ 4. _____ 5. _____ 6. _____ 7. _____ _____ = Total Cover				
Herb Stratum (Plot size: <u>5'</u>) 1. <u>Oxalis sensibilis</u> <u>15</u> <u>N</u> <u>FACW</u> 2. <u>Equisetum arvense</u> <u>20</u> <u>Y</u> <u>FAC</u> 3. <u>Trifolium pratense</u> <u>30</u> <u>Y</u> <u>FACW</u> 4. <u>Gallium sp.</u> <u>10</u> <u>N</u> <u>FACU</u> 5. <u>Vicia americana</u> <u>15</u> <u>N</u> <u>FACU</u> 6. <u>Bromus sp.</u> <u>25</u> <u>Y</u> <u>UPL</u> 7. <u>Solidago canadensis</u> <u>20</u> <u>Y</u> <u>FACU</u> 8. _____ 9. _____ 10. _____ 11. _____ 12. _____ _____ = Total Cover				
Woody Vine Stratum (Plot size: _____) 1. _____ 2. _____ 3. _____ 4. _____ _____ = Total Cover				
Remarks: (Include photo numbers here or on a separate sheet.) 				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes _____ No <input checked="" type="radio"/>

VEGETATION – Use scientific names of plants.

Sampling Point: 1WQWet3A

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC: <u>7</u> (A)
2. _____	_____	_____	_____	Total Number of Dominant Species Across All Strata: <u>7</u> (B)
3. _____	_____	_____	_____	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
4. _____	_____	_____	_____	Prevalence Index worksheet: Total % Cover of: _____ Multiply by: OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = _____
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Betula populifolia</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0 ¹ 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <u>Salix nigra</u>	<u>50</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Salix discolor</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
4. <u>Viburnum sp.</u>	<u>5</u>	<u>N</u>	<u>FAC</u>	
5. <u>Spiraea alba</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
<u>115</u> = Total Cover				
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Typha latifolia</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	Hydrophytic Vegetation Present? Yes <u>X</u> No _____
2. <u>Elocharis sp.</u>	<u>35</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Juncus effusus</u>	<u>20</u>	<u>N</u>	<u>OBL</u>	
4. <u>Scirpus atrovirens</u>	<u>30</u>	<u>Y</u>	<u>OBL</u>	
5. <u>Dryopteris sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	Remarks: (Include photo numbers here or on a separate sheet.)
6. <u>Onoclea sensibilis</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
7. <u>Phalaris arundinacea</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
8. <u>Spiraea alba</u>	<u>45</u>	<u>Y</u>	<u>FACW</u>	
9. <u>Bromis inermis</u>	<u>30</u>	<u>Y</u>	<u>UPL</u>	
10. <u>Juncus sp.</u>	<u>35</u>	<u>Y</u>	<u>FACW</u>	
11. _____	_____	_____	_____	
12. _____	_____	_____	_____	
<u>240</u> = Total Cover				
Woody Vine Stratum (Plot size: <u> </u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
_____ = Total Cover				

VEGETATION – Use scientific names of plants.

Sampling Point: 140W+3A

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Populus tremuloides</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Tsuga sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
4.	<u>Betula populifolia</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
5.				
6.				
7.				
		<u>100</u> = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Acer rubrum</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
3.	<u>Betula populifolia</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
4.				
5.				
6.				
7.				
		<u>35</u> = Total Cover		
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Dryopteris sp.</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
2.	<u>Spiraea tomentosa</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
3.	<u>Solidago canadensis</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
4.	<u>Solidago sp.</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
5.	<u>Acer saplings</u>	<u>25</u>	<u>N</u>	<u>FAC</u>
6.	<u>Poa sp.</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
7.	<u>Fragaria vesca</u>	<u>35</u>	<u>Y</u>	<u>UPL</u>
8.	<u>Potentilla simplex</u>	<u>20</u>	<u>N</u>	<u>FACW</u>
9.	<u>Trifolium pratense</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
10.				
11.				
12.				
		<u>185</u> = Total Cover		
Woody Vine Stratum (Plot size: _____)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
		_____ = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 9 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = >3

Hydrophytic Vegetation Indicators:

N 1 - Rapid Test for Hydrophytic Vegetation

N 2 - Dominance Test is >50%

N 3 - Prevalence Index is ≤3.0¹

N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

_____ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No (X)

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: WC3B

Tree Stratum (Plot size: <u>30'</u>)				Dominance Test worksheet:	
	Absolute % Cover	Dominant Species?	Indicator Status		
1. <u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>	Number of Dominant Species That Are OBL, FACW, or FAC: <u>6</u>	(A)
2. <u>Acer rubrum</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>	Total Number of Dominant Species Across All Strata: <u>8</u>	(B)
3. <u>Betula populifolia</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75%</u>	(A/B)
4. <u>Tsuga sp</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>		
5. <u>Fraxinus pennsylvanica</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>		
6. <u>Basswood Tilia sp.</u>	<u>5</u>	<u>N</u>	<u>FACW</u>		
7. <u>Ulmus americana</u>	<u>10</u>	<u>N</u>	<u>FACW</u>		
<u>100</u> = Total Cover				Prevalence Index worksheet:	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				Total % Cover of: _____ Multiply by: _____	
1. <u>Acer saccharum</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>	OBL species _____	x 1 = _____
2. <u>Ulmus americana</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>	FACW species _____	x 2 = _____
3. _____	_____	_____	_____	FAC species _____	x 3 = _____
4. _____	_____	_____	_____	FACU species _____	x 4 = _____
5. _____	_____	_____	_____	UPL species _____	x 5 = _____
6. _____	_____	_____	_____	Column Totals: _____	(A) _____ (B) _____
7. _____	_____	_____	_____	Prevalence Index = B/A = _____	
<u>25</u> = Total Cover				Hydrophytic Vegetation Indicators:	
Herb Stratum (Plot size: <u>5'</u>)				<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)	
1. <u>Impatiens capensis</u>	<u>60%</u>	<u>Y</u>	<u>FACW</u>	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
2. <u>Onoclea sensibilis</u>	<u>70%</u>	<u>Y</u>	<u>FACW</u>	Definitions of Vegetation Strata:	
3. <u>Interrupted fern O. claytoniana</u>	<u>10%</u>	<u>N</u>	<u>FAC</u>	Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.	
4. <u>Dryopteris sp.</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>		
5. <u>Solidago gigantea</u>	<u>25%</u>	<u>N</u>	<u>FACW</u>		
6. <u>Acer saplings</u>	<u>15%</u>	<u>N</u>	<u>FAC</u>		
7. <u>Potentilla simplex</u>	<u>5%</u>	<u>N</u>	<u>FACW</u>		
8. _____	_____	_____	_____		
9. _____	_____	_____	_____		
10. _____	_____	_____	_____		
11. _____	_____	_____	_____		
12. _____	_____	_____	_____		
<u>190</u> = Total Cover				Hydrophytic Vegetation Present? Yes <u>X</u> No	
Woody Vine Stratum (Plot size: _____)					
1. _____	_____	_____	_____		
2. _____	_____	_____	_____		
3. _____	_____	_____	_____		
4. _____	_____	_____	_____		
_____ = Total Cover					
Remarks: (Include photo numbers here or on a separate sheet.)					

Sampling Point: 14@Wd-3B

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 1WQW43D

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer saccharum</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Acer rubrum</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>
3.	<u>Ulmus americana</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
4.				
5.				
6.				
7.				
		<u>75</u>	= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Ulmus americana</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Acer rubrum</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>
3.	<u>Betula populifolia</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
4.	<u>Viburnum lentago</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5.				
6.				
7.				
		<u>65</u>	= Total Cover	
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Onoclea sensibilis</u>	<u>65</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Carex sp.</u>	<u>20</u>	<u>N</u>	<u>FACW</u>
3.	<u>Equisetum arvense</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>
4.	<u>Solidago sp. gigantea</u>	<u>15</u>	<u>N</u>	<u>FACW</u>
5.	<u>Arisaema triphyllum</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>140</u>	= Total Cover	
Woody Vine Stratum (Plot size: _____)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 6 (A)

Total Number of Dominant Species Across All Strata: 8 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

☐ 1 - Rapid Test for Hydrophytic Vegetation

☒ 2 - Dominance Test is >50%

☐ 3 - Prevalence Index is ≤3.0¹

☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 10@Wet3D

Tree Stratum (Plot size: <u>30'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Tsuga Canadensis</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
2.	<u>Thuja sp.</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
3.	<u>Acer saccharum</u>	<u>45</u>	<u>Y</u>	<u>FACU</u>
4.	<u>Acer rubrum</u>	<u>20</u>	<u>N</u>	<u>FAC</u>
5.	<u>Fraxinus sp.</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
6.				
7.				
		<u>105</u>	= Total Cover	
Sapling/Shrub Stratum (Plot size: <u>15'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Acer saccharum</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
2.	<u>Fraxinus sp.</u>	<u>35</u>	<u>Y</u>	<u>FACU</u>
3.				
4.				
5.				
6.				
7.				
		<u>65</u>	= Total Cover	
Herb Stratum (Plot size: <u>5'</u>)		Absolute % Cover	Dominant Species?	Indicator Status
1.	<u>Dryopteris sp.</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
2.	<u>Poa sp.</u>	<u>15</u>	<u>N</u>	<u>FACU</u>
3.	<u>Acer Saplings</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
4.	<u>Fraxinus Saplings</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
		<u>90</u>	= Total Cover	
Woody Vine Stratum (Plot size: _____)		Absolute % Cover	Dominant Species?	Indicator Status
1.				
2.				
3.				
4.				
			= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 7 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 14 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = 3

Hydrophytic Vegetation Indicators:

N 1 - Rapid Test for Hydrophytic Vegetation

N 2 - Dominance Test is >50%

N 3 - Prevalence Index is ≤3.0¹

N 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)

____ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes _____ No (3)

Remarks: (Include photo numbers here or on a separate sheet.)

Sampling Point: 1W@Wct3E

Northcentral and Northeast Region – Version 2.0

VEGETATION – Use scientific names of plants.

Sampling Point: 10@WCFE

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>7</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)
				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species _____ x 1 = _____ FACW species _____ x 2 = _____ FAC species _____ x 3 = _____ FACU species _____ x 4 = _____ UPL species _____ x 5 = _____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = <u>73</u>
				Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) _____ Problematic Hydrophytic Vegetation ¹ (Explain)
				¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.
				Hydrophytic Vegetation Present? Yes _____ No <u>(X)</u>

Sapling/Shrub Stratum (Plot size: <u>15'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Rubus occidentalis</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Rhamnus cathartica</u>	<u>20</u>	<u>N</u>	<u>FAC</u>	
3. <u>Malus domestica</u>	<u>25</u>	<u>Y</u>	<u>UPL</u>	
4. <u>Betula allegheniensis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
5. <u>Acer negundo</u>	<u>15</u>	<u>N</u>	<u>FAC</u>	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
				<u>110</u> = Total Cover

Herb Stratum (Plot size: <u>10'</u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. <u>Phleum pratense</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>	
2. <u>Deucus carota</u>	<u>25</u>	<u>Y</u>	<u>UPL</u>	
3. <u>Solidago canadensis</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>	
4. <u>Impatiens capensis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
5. <u>Juncus effusus</u>	<u>5</u>	<u>N</u>	<u>OBL</u>	
6. <u>Rubus occidentalis</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>	
7. <u>Vicia americana</u>	<u>15</u>	<u>N</u>	<u>FACU</u>	
8. <u>Leucanthemum vulgare</u>	<u>45</u>	<u>Y</u>	<u>UPL</u>	
9. <u>Dryopteris sp.</u>	<u>20</u>	<u>N</u>	<u>FACW</u>	
10. <u>Oxalis sensibilis</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
11. <u>Spiraea tomentosa</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
12. _____	_____	_____	_____	
				<u>240</u> = Total Cover

Woody Vine Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
				_____ = Total Cover

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

 Sampling Point: IW@Wet3F

Tree Stratum (Plot size: <u> </u>)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u>)				
1. <u>Salix nigra</u>	<u>20</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Acer rubrum</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	
3. <u>Betula populifolia</u>	<u>20</u>	<u>Y</u>	<u>FAC</u>	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	
6. _____	_____	_____	_____	
7. _____	_____	_____	_____	
		<u>75</u> = Total Cover		
Herb Stratum (Plot size: <u>5'</u>)				
1. <u>Scirpus cyperinus</u>	<u>40</u>	<u>Y</u>	<u>OBL</u>	
2. <u>Juncus effusus</u>	<u>25</u>	<u>Y</u>	<u>OBL</u>	
3. <u>Ranunculus septentrionalis</u>	<u>35</u>	<u>Y</u>	<u>FAC</u>	
4. <u>Lysimachia nummularia</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
5. <u>Polygonum sagittatum</u>	<u>25</u>	<u>Y</u>	<u>OBL</u>	
6. <u>Rubus occidentalis</u>	<u>10</u>	<u>N</u>	<u>FACW</u>	
7. <u>Eupatorium perfoliatum</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
8. <u>Typha latifolia</u>	<u>5</u>	<u>N</u>	<u>OBL</u>	
9. <u>Solidago canadensis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>	
10. <u>Euthamia graminifolia</u>	<u>10</u>	<u>N</u>	<u>FAC</u>	
11. <u>Phleum pratense</u>	<u>15</u>	<u>N</u>	<u>FACW</u>	
12. <u>Scirpus atrovirens</u>	<u>10</u>	<u>N</u>	<u>OBL</u>	
		<u>210</u> = Total Cover		
Woody Vine Stratum (Plot size: <u> </u>)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
		_____ = Total Cover		

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 7 (A)
 Total Number of Dominant Species Across All Strata: 7 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____	(A) _____ (B) _____

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:
 ___ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
 ___ 3 - Prevalence Index is ≤3.0¹
 ___ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
 ___ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:
Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.
Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes X No

Remarks: (Include photo numbers here or on a separate sheet.)

VEGETATION – Use scientific names of plants.

Sampling Point: 10@W+3F

Tree Stratum (Plot size: <u>—</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
_____ = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th>Total % Cover of:</th> <th>Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species _____</td> <td>x 3 = _____</td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: _____ (A)</td> <td>_____ (B)</td> </tr> </table> Prevalence Index = B/A = <u>7.5</u>	Total % Cover of:	Multiply by:	OBL species _____	x 1 = _____	FACW species _____	x 2 = _____	FAC species _____	x 3 = _____	FACU species _____	x 4 = _____	UPL species _____	x 5 = _____	Column Totals: _____ (A)	_____ (B)
Total % Cover of:	Multiply by:																	
OBL species _____	x 1 = _____																	
FACW species _____	x 2 = _____																	
FAC species _____	x 3 = _____																	
FACU species _____	x 4 = _____																	
UPL species _____	x 5 = _____																	
Column Totals: _____ (A)	_____ (B)																	
_____ = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
_____ = Total Cover																		
Herb Stratum (Plot size: <u>10'</u>)																		
1. <u>Maize</u> <u>2 many</u>	<u>70%</u>	<u>Y</u>	<u>UPL</u>	Hydrophytic Vegetation Indicators: <input checked="" type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input checked="" type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹ <input checked="" type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.														
2. <u>Soy</u> <u>0 max</u>	<u>25%</u>	<u>Y</u>	<u>UPL</u>															
3. <u>Potentilla simplex</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>															
4. <u>Solidago canadensis</u>	<u>10%</u>	<u>N</u>	<u>FACU</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>115</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>—</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
_____ = Total Cover																		

Remarks: (Include photo numbers here or on a separate sheet.)

Hydrophytic Vegetation Present? Yes _____ No (X)

Sampling Point: 1W@wet

Sampling Point: 1W@WetA

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Boulders common throughout this area. Soil pit was targeted for area w/ that boulders

Sampling Point: Wet B

Sampling Point: Wet B

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1U@Wet A+B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

☐ Histosol (A1) N/A
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7) (LRR R, MLRA 149B)

- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

Sampling Point: Wet @ West C

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 10 @ wet C

[illegible]

SOIL

Sampling Point: IVa wet 10

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features		Type ¹	Loc ²	Texture	Remarks
	Color (moist)	%	Color (moist)	%				
0-7	10YR 3/2	100	—	—	—	—	SaLo	- loose, dry, sandy soils
7-15	10YR 3/3	100	—	—	—	—	SaLo	

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | N/A |

Indicators for Problematic Hydric Soils³:

- | |
|--|
| <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

 Type: bedrock/rotch
 Depth (inches): 15
Hydric Soil Present? Yes ☐ No ☒

Remarks:

Sampling Point: 16/12/08

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes ✓ No

Type: Red rock
Depth (inches): 12

Remarks:

SOIL

Sampling Point: 1U@ Wet E

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
 ___ Histic Epipedon (A2) N/A
 ___ Black Histic (A3)
 ___ Hydrogen Sulfide (A4)
 ___ Stratified Layers (A5)
 ___ Depleted Below Dark Surface (A11)
 ___ Thick Dark Surface (A12)
 ___ Sandy Mucky Mineral (S1)
 ___ Sandy Gleyed Matrix (S4)
 ___ Sandy Redox (S5)
 ___ Stripped Matrix (S6)
 ___ Dark Surface (S7) (LRR R, MLRA 149B)

N/A

- ___ Polyvalue Below Surface (S8) (LRR R, **MLRA 149B**)
- ___ Thin Dark Surface (S9) (LRR R, **MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (LRR K, L)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, **MLRA 149B**)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Bedrock
Depth (inches): 16"

Hydric Soil Present? Yes _____ No ☒

Remarks:

Sampling Point: 1WC Wet G

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1006-6

[illegible]

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

Hydric Soil Present? Yes _____ No ✓

- Potential redox, colors appear to be due to gravel mix and w/ rock with a high % of red parent material in the second stratum.

Sampling Point: 148a Wet H

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

Hydric Soil Present? Yes X No

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1A @ Wet H

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 15"

Hydric Soil Present? Yes _____ No X

Remarks:

SOIL

Sampling Point: 24@WtH

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) (LRR R, MLRA 149B)

- ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
- ☐ Loamy Mucky Mineral (F1) (LRR K, L)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☒ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes X No

Remarks:

Sampling Point: 24@Wet H

[illegible]

Sampling Point: W2/W3

Sampling Point: W2111

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: Wabank

[illegible]

Sampling Point: 1W@Wet K

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depieted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 1 U&A

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

Sampling Point: 1W@Wet L

Sampling Point: W@Wet L

Sampling Point: W@Wet L

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, **MLRA 149B**)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Other (Explain in Remarks)

Hydric Soil Present? Yes X No Hydric Soil Present? Yes X No Hydric Soil Present? Yes X No

Sampling Point: 14 @ Wet N L

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ___ Polyvalue Below Surface (S8) (LRR R, **MLRA 149B**)
- ___ Thin Dark Surface (S9) (LRR R, **MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (LRR K, L)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☐ No ☒

Remarks:

Sampling Point: W@W+M

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes ☒ No ☐

Type: _____ N/A
Depth (inches): _____

Remarks:

SOIL

Sampling Point: 1A @ Wet M

[illegible]

Sampling Point: 1 W @ Wed N

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes X No

Remarks: -old stream bed with peatadic flowers (aquiz (anditions.)

Sampling Point: 14@ Wet N

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1459101 0

Sampling Point: 1459101 0

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 1U@Wet

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1 W 100th St

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes X No

Sampling Point: 1U@Wet P

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, **MLRA 149B**)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

 \sqrt{A}

Hydric Soil Present? Yes _____ No ☒

Northcentral and Northeast Region – Version 2.0

Sampling Point: 2w@webP.

Sampling Point:

∴ zw@webP.

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes ☒ No ☐

Type: Bedrock

Depth (inches): 8"

Remarks:

Sampling Point: 24@W+P

Sampling Point:

24@wtf

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☒ No ☐

Remarks:

SOIL

Sampling Point: 1W@wet Q

[illegible]

Sampling Point: 14@Wet G

Sampling Point: 1U@Wet Q

Northcentral and Northeast Region – Version 2.0

Sampling Point: 24 @ WKA Q

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A _____
Depth (inches): _____
Hydric Soil Present? Yes ☒ No ☐

Sampling Point: 24@Wet

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@wtr

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input checked="" type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes X No

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1U@ Wet R

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): N/A

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 1W@ Wet S

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7) (LRR R, MLRA 149B)

- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✓ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Boulder
Depth (inches): 12"

Hydric Soil Present? Yes ☒ No ☐

Remarks:

SOIL

Sampling Point: 14@Wets

[illegible]

SOIL

Sampling Point: 1W@WetT

[illegible]

SOIL Sampling Point: 140 West

Sampling Point: 140 Wet T

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

Sampling Point: 1W@Wst4

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 14@Wet4

[illegible]

W/in 10"
of surface:

Sampling Point: 1W@WetV

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, |
| <input type="checkbox"/> Histic Epipedon (A2) | MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes X No

Remarks:

Sampling Point: 1u@wtV

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@ Wet W'

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input checked="" type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes X No

US Army Corps of Engineers

Sampling Point: 1U@ WetW

Sampling Point: 1U@ WetW

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) N/A | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes No ☒

Remarks:

Sampling Point: 1W@Wet X.

Northcentral and Northeast Region – Version 2.0

Sampling Point: 14@W4X

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☐ No ☒

Remarks:

Sampling Point: 1W@Wt+Y

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

Hydric Soil Present? Yes ☒ No ☐

- Quiz Conditions Present

Sampling Point: 14@web Y

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) N/A | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

Type: Boulder
Depth (inches): 10"

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@Wet+Z

Sampling Point: W@Wet+Z

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes X No

US Army Corps of Engineers

Sampling Point: 100 Wt + Z

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1WQWtAA

Northcentral and Northeast Region – Version 2.0

Sampling Point: 14@WetAa

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

US Army Corps of Engineers

Sampling Point: 1WQ Wet BB

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes X No

Type: Boulder
Depth (inches): 16"

Remarks:

Sampling Point: 1U@wet BB

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 1W@W&CC

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, |
| <input type="checkbox"/> Histic Epipedon (A2) | MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input checked="" type="checkbox"/> Thick Dark Surface (A12) ? | <input checked="" type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Boulder

Depth (inches): 22"

Hydric Soil Present? Yes X No

Remarks:

SOIL

Sampling Point: 1U@Wt+CC

[illegible]

Sampling Point: 1W@W4DD

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes ☒ No

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1u@Wet DD

Sampling Point:

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ___ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- ___ Thin Dark Surface (S9) (LRR R, MLRA 149B)
- ___ Loamy Mucky Mineral (F1) (LRR K, L)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder

Depth (inches): 11"

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 1W@WtEE

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, |
| <input type="checkbox"/> Histic Epipedon (A2) | MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

N/A.

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 140W + EE

Sampling Point: 140Wt EE

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes _____ No ☒

Type: Boulder
Depth (inches): 15"

Remarks:

Sampling Point: 1W@ Wet Eff

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

SOIL

Sampling Point: 14@WetFF

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
 ___ Histic Epipedon (A2)
 ___ Black Histic (A3) N/A
 ___ Hydrogen Sulfide (A4)
 ___ Stratified Layers (A5)
 ___ Depleted Below Dark Surface (A11)
 ___ Thick Dark Surface (A12)
 ___ Sandy Mucky Mineral (S1)
 ___ Sandy Gleyed Matrix (S4)
 ___ Sandy Redox (S5)
 ___ Stripped Matrix (S6)
 ___ Dark Surface (S7) (LRR R, MLRA 149B)

- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Root Mass

Depth (inches): 12"

Hydric Soil Present? Yes _____ No ☒

Remarks:

Sampling Point: 1W@Wt+GG

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Bullock
Depth (inches): 5"

Hydric Soil Present? Yes ☒ No ☐

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1U@WetGG

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|---|---|
| ___ Histosol (A1) | ___ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ___ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ___ Histic Epipedon (A2) | | ___ Coast Prairie Redox (A16) (LRR K, L, R) |
| ___ Black Histic (A3) | ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ___ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ___ Hydrogen Sulfide (A4) | ___ Loamy Mucky Mineral (F1) (LRR K, L) | ___ Dark Surface (S7) (LRR K, L, M) |
| ___ Stratified Layers (A5) | ___ Loamy Gleyed Matrix (F2) | ___ Polyvalue Below Surface (S8) (LRR K, L) |
| ___ Depleted Below Dark Surface (A11) | ___ Depleted Matrix (F3) | ___ Thin Dark Surface (S9) (LRR K, L) |
| ___ Thick Dark Surface (A12) | ___ Redox Dark Surface (F6) | ___ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ___ Sandy Mucky Mineral (S1) | ___ Depleted Dark Surface (F7) | ___ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ___ Sandy Gleyed Matrix (S4) | ___ Redox Depressions (F8) | ___ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ___ Sandy Redox (S5) | | ___ Red Parent Material (F21) |
| ___ Stripped Matrix (S6) | | ___ Very Shallow Dark Surface (TF12) |
| ___ Dark Surface (S7) (LRR R, MLRA 149B) | | ___ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 11"

Hydric Soil Present? Yes _____ No X

Remarks:

Sampling Point: 1W@W4H4/M

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Bedrock
Depth (inches): 11"

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 140 West Hill

mm

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes No X

Type: _____ N/A
Depth (inches): _____

Remarks:

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- Coast Prairie Redox (A16) (LRR K, L, R)
- 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- Dark Surface (S7) (LRR K, L, M)
- Polyvalue Below Surface (S8) (LRR K, L)
- Thin Dark Surface (S9) (LRR K, L)
- Iron-Manganese Masses (F12) (LRR K, L, R)
- Piedmont Floodplain Soils (F19) (MLRA 149B)
- Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- Red Parent Material (F21)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

Restrictive Layer (if observed):

Hydric Soil Present? Yes X No

US Army Corps of Engineers

Sampling Point: 24@WetHt/mm

[illegible]² Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ___ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- ___ Thin Dark Surface (S9) (LRR R, MLRA 149B)
- ___ Loamy Mucky Mineral (F1) (LRR K, L)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- ☐ Coast Prairie Redox (A16) (LRR K, L, R)
- ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- ☐ Dark Surface (S7) (LRR K, L, M)
- ☐ Polyvalue Below Surface (S8) (LRR K, L)
- ☐ Thin Dark Surface (S9) (LRR K, L)
- ☐ Iron-Manganese Masses (F12) (LRR K, L, R)
- ☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
- ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- ☐ Red Parent Material (F21)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

$$21A$$

Hydric Soil Present? Yes _____ No X

Remarks:

Sampling Point: 1W@W4IT

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 14@W4TI

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ N/A
Depth (inches): _____

Hydric Soil Present? Yes ☐ No ☒

Remarks:

Sampling Point: 1W@Wet 55

Northcentral and Northeast Region – Version 2.0

Sampling Point: 140 West

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@WetLL

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 15"

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 1U@WtLL

Sampling Point: 1U@WtLL

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|--|---|
| <input type="checkbox"/> Histosol (A1)
<input type="checkbox"/> Histic Epipedon (A2)
<input type="checkbox"/> Black Histic (A3)
<input type="checkbox"/> Hydrogen Sulfide (A4)
<input type="checkbox"/> Stratified Layers (A5)
<input type="checkbox"/> Depleted Below Dark Surface (A11)
<input type="checkbox"/> Thick Dark Surface (A12)
<input type="checkbox"/> Sandy Mucky Mineral (S1)
<input type="checkbox"/> Sandy Gleyed Matrix (S4)
<input type="checkbox"/> Sandy Redox (S5)
<input type="checkbox"/> Stripped Matrix (S6)
<input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | <div style="text-align: center; font-size: 2em; font-weight: bold;">N/A</div> <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
<input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B)
<input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L)
<input type="checkbox"/> Loamy Gleyed Matrix (F2)
<input type="checkbox"/> Depleted Matrix (F3)
<input type="checkbox"/> Redox Dark Surface (F6)
<input type="checkbox"/> Depleted Dark Surface (F7)
<input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B)
<input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R)
<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
<input type="checkbox"/> Dark Surface (S7) (LRR K, L, M)
<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L)
<input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L)
<input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R)
<input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B)
<input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
<input type="checkbox"/> Red Parent Material (F21)
<input type="checkbox"/> Very Shallow Dark Surface (TF12)
<input type="checkbox"/> Other (Explain in Remarks) |
|--|--|---|

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

N/A

Hydric Soil Present? Yes _____ No X

Depth (inches): _____

Remarks:

Sampling Point: 1W@wetNN

[illegible]

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 15"

Hydric Soil Present? Yes X No

Northcentral and Northeast Region – Version 2.0

Sampling Point: 10@Web
rs.) NN

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes No ☒

Remarks:

Sampling Point: 1W@WetOG

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

NA

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 14@Wet00

Sampling Point: 14@Wet00

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils :	
<input type="checkbox"/> Histosol (A1)	<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	<input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B)	
<input type="checkbox"/> Histic Epipedon (A2)	<input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B)	<input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R)	
<input type="checkbox"/> Black Histic (A3)	<input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L)	<input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)	
<input type="checkbox"/> Hydrogen Sulfide (A4)	<input type="checkbox"/> Loamy Gleyed Matrix (F2)	<input type="checkbox"/> Dark Surface (S7) (LRR K, L, M)	
<input type="checkbox"/> Stratified Layers (A5)	<input type="checkbox"/> Depleted Matrix (F3)	<input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L)	
<input type="checkbox"/> Depleted Below Dark Surface (A11)	<input type="checkbox"/> Redox Dark Surface (F6)	<input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L)	
<input type="checkbox"/> Thick Dark Surface (A12)	<input type="checkbox"/> Depleted Dark Surface (F7)	<input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R)	
<input type="checkbox"/> Sandy Mucky Mineral (S1)	<input type="checkbox"/> Redox Depressions (F8)	<input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B)	
<input type="checkbox"/> Sandy Gleyed Matrix (S4)		<input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B)	
<input type="checkbox"/> Sandy Redox (S5)		<input type="checkbox"/> Red Parent Material (F21)	
<input type="checkbox"/> Stripped Matrix (S6)		<input type="checkbox"/> Very Shallow Dark Surface (TF12)	
<input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B)		<input type="checkbox"/> Other (Explain in Remarks)	

³ The presence of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):
Type: Hard Pack Gravel
Depth (inches): 12"

Hydric Soil Present? Yes ☐ No ☒

Depth (inches), _____	
Remarks:	

Sampling Point: 1W@WctPP

[illegible]

Sampling Point: 14@WdTP

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes _____ No X

US Army Corps of Engineers

SOIL

Sampling Point: 1W@WetQG

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, |
| <input type="checkbox"/> Histic Epipedon (A2) | MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, **MLRA 149B**)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____ N/A

Depth (inches): _____

Hydric Soil Present? Yes X No

Remarks:

Sampling Point: 140WAGQ

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

N/A

Hydric Soil Present? Yes _____ No X

Sampling Point: 1W@Wet RR

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

Type: Boulder
Depth (inches): 12"

Hydric Soil Present? Yes X No

US Army Corps of Engineers

Sampling Point: 1U@WetRR

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 15"

Hydric Soil Present? Yes _____ No X

US Army Corps of Engineers

Sampling Point: 1W@WetSS

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes X No

Depth (inches): _____

N/A

Hydric Soil Present? Yes ☒ No ☐

Sampling Point: 1U@WetSS

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

Type: Boulder
Depth (inches): 12"

Hydric Soil Present? Yes _____ No X

US Army Corps of Engineers

First 10"
Redox present

Sampling Point: 1W@WCT

e ind

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes X No

Type: _____ N/A
Depth (inches): _____

Remarks:

Sampling Point: 14@W&TT

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ Histosol (A1)
☐ Histic Epipedon (A2)
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7) (LRR R, MLRA 149B)

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- ☐ Coast Prairie Redox (A16) (LRR K, L, R)
- ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- ☐ Dark Surface (S7) (LRR K, L, M)
- ☐ Polyvalue Below Surface (S8) (LRR K, L)
- ☐ Thin Dark Surface (S9) (LRR K, L)
- ☐ Iron-Manganese Masses (F12) (LRR K, L, R)
- ☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
- ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- ☐ Red Parent Material (F21)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

^aIndicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Boulder

Depth (inches): 15"

Hydric Soil Present? Yes _____ No ☒

Remarks:

Sampling Point: 1W@wet44

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

Restrictive Layer (if observed):

Depth (inches): _____

Hydric Soil Present? Yes ☒ No ☐

Northcentral and Northeast Region – Version 2.0

Sampling Point: 140W+44

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☐ No ☒

Remarks:

Sampling Point: 1W@W2WW

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input checked="" type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Boulder
Depth (inches): 18"

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 24@WctWW

Sampling Point:

24@wctww

[illegible]

²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

NIA

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

Sampling Point: 14@ Wet WW

Northcentral and Northeast Region – Version 2.0

Sampling Point: 2 W@Wst
WW

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

Hydric Soil Present? Yes X No

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@Wet XX

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A.

Hydric Soil Present? Yes X No

Remarks:

SOIL

Sampling Point: 1U@ Wet XX

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ☒

Remarks:

No hydride indicators.

Sampling Point: 1W@Wet Y

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
- ☐ Loamy Mucky Mineral (F1) (LRR K, L)
- ☐ Loamy Gleyed Matrix (F2)
- ☐ Depleted Matrix (F3)
- ☒ Redox Dark Surface (F6)
- ☐ Depleted Dark Surface (F7)
- ☐ Redox Depressions (F8)

- ☐ 2 cm Muck (A10) (LRR K, L, **MLRA 149B**)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes X No

Remarks:

Sampling Point: 14@W4Y4

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

Restrictive Layer (if observed):

Hydric Soil Present? Yes _____ No X

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@Wet 22

Northcentral and Northeast Region – Version 2.0

Sampling Point: 14 @ WetZz

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes _____ No X

Remarks:

Sampling Point: 1W@Wgt 3A

Northcentral and Northeast Region – Version 2.0

Sampling Point: 140Wet 3A

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____
Depth (inches): _____

N/A

Hydric Soil Present? Yes ☐ No ☒

Remarks:

SOIL

Sampling Point: 1W2 Wet 3B

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input checked="" type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L, M**)
☐ Polyvalue Below Surface (S8) (**LRR K, L**)
☐ Thin Dark Surface (S9) (**LRR K, L**)
☐ Iron-Manganese Masses (F12) (**LRR K, L, R**)
☐ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Cobble
Depth (inches): 6" - Potential Streambed.

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Sampling Point: 14@Wet 3B

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | <input type="checkbox"/> 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| <input type="checkbox"/> Histic Epipedon (A2) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) | <input type="checkbox"/> Coast Prairie Redox (A16) (LRR K, L, R) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) | <input type="checkbox"/> 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) | <input type="checkbox"/> Dark Surface (S7) (LRR K, L, M) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Depleted Matrix (F3) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR K, L) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Redox Dark Surface (F6) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR K, L) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input type="checkbox"/> Depleted Dark Surface (F7) | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR K, L, R) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Redox Depressions (F8) | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149B) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | | <input type="checkbox"/> Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| <input type="checkbox"/> Sandy Redox (S5) | | <input type="checkbox"/> Red Parent Material (F21) |
| <input type="checkbox"/> Stripped Matrix (S6) | | <input type="checkbox"/> Very Shallow Dark Surface (TF12) |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | | <input type="checkbox"/> Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Hydric Soil Present? Yes _____ No ☒

Type: _____
Depth (inches): _____

Remarks:

Sampling Point: 1W03D

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____ NAA
Depth (inches): _____

Hydric Soil Present? Yes X No

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 1W@W+3D

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ☐ Histosol (A1)
☐ Histic Epipedon (A2) N/A
☐ Black Histic (A3)
☐ Hydrogen Sulfide (A4)
☐ Stratified Layers (A5)
☐ Depleted Below Dark Surface (A11)
☐ Thick Dark Surface (A12)
☐ Sandy Mucky Mineral (S1)
☐ Sandy Gleyed Matrix (S4)
☐ Sandy Redox (S5)
☐ Stripped Matrix (S6)
☐ Dark Surface (S7) (LRR R, MLRA 149B)

- ___ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- ___ Thin Dark Surface (S9) (LRR R, MLRA 149B)
- ___ Loamy Mucky Mineral (F1) (LRR K, L)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:

SOIL

Sampling Point: 1W2Wd3E

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| <input type="checkbox"/> Histosol (A1) | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR R, |
| <input type="checkbox"/> Histic Epipedon (A2) | MLRA 149B) |
| <input type="checkbox"/> Black Histic (A3) | <input type="checkbox"/> Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| <input type="checkbox"/> Hydrogen Sulfide (A4) | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR K, L) |
| <input type="checkbox"/> Stratified Layers (A5) | <input type="checkbox"/> Loamy Gleyed Matrix (F2) |
| <input type="checkbox"/> Depleted Below Dark Surface (A11) | <input type="checkbox"/> Depleted Matrix (F3) |
| <input type="checkbox"/> Thick Dark Surface (A12) | <input checked="" type="checkbox"/> Redox Dark Surface (F6) |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) | <input type="checkbox"/> Depleted Dark Surface (F7) |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4) | <input type="checkbox"/> Redox Depressions (F8) |
| <input type="checkbox"/> Sandy Redox (S5) | |
| <input type="checkbox"/> Stripped Matrix (S6) | |
| <input type="checkbox"/> Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

N/A

Hydric Soil Present? Yes X No

Remarks:

Sampling Point: 1U@Wet3E

Northcentral and Northeast Region – Version 2.0

Sampling Point: 1W@2nd St

Northcentral and Northeast Region – Version 2.0

SOIL

Sampling Point: 1U@Wct3F

[illegible]

Attachment C

Photos of Representative Wetland Communities



PHOTO 01:

Representative forested wetland.



PHOTO 02:

Representative forested wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 1 of 18



PHOTO 03:

Representative forested wetland.



PHOTO 04:

Representative forested wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 2 of 18



PHOTO 05:

Representative forested wetland.



PHOTO 06:

Representative forested wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 3 of 18



PHOTO 07:

Representative forested wetland.



PHOTO 08:

Representative forested wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 4 of 18



PHOTO 09:

Representative forested wetland.



PHOTO 10:

Representative forested wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 5 of 18



PHOTO 11:

Representative scrub/shrub wetland.



PHOTO 12:

Representative scrub/shrub wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 6 of 18



PHOTO 13:

Representative scrub/shrub wetland.



PHOTO 14:

Representative scrub/shrub wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 7 of 18



PHOTO 15:

Representative scrub/shrub wetland.



PHOTO 16:

Representative scrub/shrub wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 8 of 18



PHOTO 17:

Representative scrub/shrub wetland.



PHOTO 18:

Representative scrub/shrub wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 9 of 18



PHOTO 19:

Representative emergent wetland.



PHOTO 20:

Representative emergent wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 10 of 18



PHOTO 21:

Representative emergent wetland.



PHOTO 22:

Representative emergent wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 11 of 18



PHOTO 23:

Representative emergent wetland.



PHOTO 24:

Representative emergent wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 12 of 18



PHOTO 25:

Representative emergent wetland.



PHOTO 26:

Representative open water wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 13 of 18



PHOTO 27:

Representative open water wetland.



PHOTO 28:

Representative open water wetland.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 14 of 18



PHOTO 29:

Representative open water wetland.



PHOTO 30:

Representative stream.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 15 of 18



PHOTO 31:

Representative stream. The Little Trout River at the Willis Road Bridge in Belmont, NY.



PHOTO 32:

Representative stream.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Belmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 16 of 18



PHOTO 33:
Representative stream.



PHOTO 34:
Representative stream.

Jericho Rise Wind Farm Wetland Delineation

Towns of Chateaugay and Bellmont - Franklin County, New York

Attachment C: Photos of Representative Wetland Communities

August 2015

Sheet 17 of 18



PHOTO 35:
Representative stream.



PHOTO 36:
Representative stream.