CORDELIO POWER

FLAT CREEK SOLAR

Permit Application No. 23-00054

Appendix 14-3.

Wetland Functions and Values Assessment

August 2024

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1.0 INTRODUCTION AND PURPOSE

This assessment report has been prepared by TRC on behalf of Flat Creek Solar NY LLC (Applicant). The report provides a functions and values assessment of the freshwater wetland resources currently present on the approximately 3,794-acre Flat Creek Solar Project (Facility Site), within the Towns of Root and Canajoharie, Montgomery County, New York. This Assessment provides a pre-construction baseline for wetlands onsite that may or may not be impacted by construction and/or operation of a proposed 300 megawatt (MW) solar-powered wholesale energy generating facility with associated infrastructure (the Facility).

Wetlands that are deemed Waters of the United States (WOTUS) are regulated by the United States Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act of 1972 (CWA). Originating in 1987, *The Highway Methodology Workbook* (the Workbook), was created by the USACE New England District to integrate highway planning, design, and development with the requirements of USACE permit regulations, the National Environmental Policy Act (NEPA), and the Federal Highway Administration (FHWA) funding approvals (USACE, 1993). A memorandum of agreement between the Environmental Protection Agency (EPA) and USACE, dated February 7, 1990, was appended to the Workbook, recognizing a stepwise process of avoidance, minimization, and compensation of adverse impacts to an established set of wetland functions and values. Subsequently, *Wetlands Functions and Values: A Descriptive Approach*, was created by the USACE New England District as a supplement to the Workbook (the USACE Supplement). Within the USACE Supplement, a “Descriptive Approach” is presented as a method that any Facility, outside the scope of highway development, could adopt to characterize wetland resources necessary for Section 404 permit requirements.

Efforts to utilize best professional judgment to interpret functions and values are often unorganized, unpredictable, and legally difficult to defend and document (USACE, 1999). In response, the USACE developed a format in the USACE Supplement to collect and display this information, and to describe the functions and values assessment of wetlands in a measurable and un-biased perspective.

In contrast, New York State does not yet have its own wetland functional assessment methodology intended to aid in a regulatory review of Facility impacts. Nor does New York State endorse any specific methodology. However, a survey of New York State Department of

Environmental Conservation (NYSDEC) wetland biologists reveals the USACE Highway Methodology to be the most commonly used wetland functional assessment technique for Facilities requiring NYSDEC permits (Bliss, 2016). Importantly, the functions and values reviewed by the USACE Supplement are compatible with the wetland benefits outlined in the Environmental Conservation Law (ECL) at Article 24, the Freshwater Wetlands Act (1997). For these reasons, TRC elects to rely heavily upon the USACE Highway Methodology outlined in the USACE Supplement as a means of providing a wetlands functions and values assessment.

The Applicant contracted TRC to survey, identify, and document all wetlands within the Facility Site. Within the approximately 3,147 acres of leased private lands within the Facility Site, TRC delineated 142 freshwater wetlands, totaling 444.29 acres. This Assessment is intended to aid in determining the wetland functions and values that may be impacted and/or altered due to the Facility's construction and operation.

The functions and values of wetlands are the roles that a wetland provides to its surrounding environment, often to the benefit of human society. Functions and values are a result of specific biological, chemical, and physical characteristics within the wetland, and many complex relationships between the wetland and its watershed, local environment, and inhabitants and dependents, including the public. This wetland functions and values assessment is used to document wetland features based on their presence and level of significance relative to providing these many roles. Further review of the functions and values attributed to each wetland allows for an assessment of which ones may be regarded as principal, or more relevant, to a given wetland. Doing so helps to ensure that wetlands receive proper protection through well planned wetland impact avoidance, minimization, and mitigation.

The 13 functions and values that are considered by the USACE Supplement are described below in Sections 3.0 and 4.0. The list includes eight functions and five values.

As noted above, these functions and values equate well to the benefits of concern within the applicable Freshwater Wetlands Act. These functions and values, together with the working suite of USACE Supplement descriptors, have been used to provide an objective representation of the wetland resources associated with the Facility.

2.0 Assessment Methodology

This wetland functions and values assessment was developed based on the USACE Supplement, described in the supplement to the Workbook by the New England Division of the USACE (1999). This method incorporates wetland science and best professional judgement in data collection toward a qualitative description of the physical and biological characteristics of the wetlands. In so doing, it identifies the functions and values exhibited and, very importantly, the bases for associated conclusions. The approach addresses the limitations of wetland assessments based on numerical weightings, rankings, and/or averaging of dissimilar wetland functions (USACE 1999). As part of this method, the evaluator accounted for many predetermined "Qualifiers" that are utilized as indicators or descriptors of functions and values. Based on the descriptions of qualifiers outlined in the USACE Supplement, TRC developed Table 1, provided at the end of this Appendix. When attributed to a wetland, these qualifiers, help to identify the functions and values thought to be provided by the wetland. Considerations included observed vegetation conditions, hydrologic conditions, size, adjacent area conditions, and the availability of public access, among several other characteristics documented either in the field or remotely, which are strategically defined to allow each wetland's functions and values to be evaluated.

Functions and values were evaluated for all wetlands onsite during the 2020, 2021, 2022, and 2023 growing seasons. Data on qualifiers of functions and values were documented at each wetland where vegetation, soils, hydrological data, location, and geographic nature were also collected as part of a formal delineation. All 142 wetlands delineated within the Facility Site were entered into Table 2 with the various wetland qualifiers identified if and as applicable to each wetland. This accounting of observed qualifiers was cross-referenced to the predetermined Qualifier Assignment Table (Table 1). The functions and values provided by each wetland were thus determined based on the predetermined qualifiers observed in the field or ascertained remotely. From these, "Principal Functions and Values" were selected and recorded as evidenced by volume, perceived strength, and significance of associated qualifiers.

Wetlands functions and values recognized under the Freshwater Wetland Act are similar to those described by the USACE Supplement. The functions and values as outlined in the Freshwater Wetlands Act are as follows:

1. Flood and storm control by the hydrologic absorption and storage capacity of freshwater wetlands;

2. Wildlife habitat by providing breeding, nesting, and feeding grounds and cover for many forms of wildlife, wildfowl, and shorebirds, including migratory wildfowl and species such as the bald eagle and osprey;
3. Protection of subsurface water resources and provision for valuable watersheds and recharging ground water supplies;
4. Recreation by providing areas for hunting, fishing, boating, hiking, bird watching, photography, camping and other uses;
5. Pollution treatment by serving as biological and chemical oxidation basins;
6. Erosion control by serving as sedimentation areas and filtering basins, absorbing silt and organic matter, and protecting channels and harbors;
7. Education and scientific research by providing readily accessible outdoor bio-physical laboratories, living classrooms, and vast training and education resources;
8. Open space and aesthetic appreciation by providing often the only remaining open areas along crowded river fronts and coastal Great Lakes regions; and
9. Sources of nutrients in freshwater food cycles and nursery grounds and sanctuaries for freshwater fish.

3.0 WETLAND FUNCTIONS

Wetland functions are the properties or processes of a wetland ecosystem that aid in promoting an equilibrium in the wetland and surrounding environment. Wetland functions relate to the ecological significance of wetland properties without regard to subjective human values. The eight functions attributed to wetlands by the USACE Supplement are defined as follows:

1. **Flood-flow Alteration -** The effectiveness of the wetland to reduce flood damage by containing and desynchronizing floodwaters for an extended period following heavy precipitation and runoff events. Wetlands that occur higher in a watershed reduce flooding of downstream waterbodies through ponding water and diffusing or diverting flow velocities. Wetlands that occur lower in the watershed may contain the ability to store high volumes of water through direct interactions with the local floodplain or contain large areas of porous surface soils with the ability to become heavily saturated and still maintain integrity during flood-flow events. If a wetland is situated in the riparian zone along a waterbody and contains dense vegetation, it can attenuate the severity of increased flow regimes by dissipating flow velocity during flooding events.
2. **Groundwater Recharge/Discharge -** The potential for a wetland to act as a source of groundwater recharge and/or discharge. Recharge describes the potential for the wetland to contribute water to an underlying aquifer. Discharge relates to the potential for the wetland to act as a source of groundwater transfer to the surface (i.e., springs and hillside seeps).
3. **Sediment/Pollutant Retention -** The ability to reduce or prevent the degradation of water quality. This function relates to the effectiveness of the wetland as a trap for sediments, toxicants, or pathogens based on its geomorphic position, connectivity, soil thickness, and other physical characteristics. The retention of sediments, toxicants, or pathogens that may be carried by surface water runoff within the watershed reduces or prevents the degradation of water quality and is a function shared by many wetland features.
4. **Fish and Shellfish Habitat -** The ability to contain or influence suitable habitats for fish and shellfish. For a wetland to contain fish and/or shellfish habitat, the wetland must be associated with a fish/shellfish bearing water. Wetlands providing fish and shellfish habitat are typically associated with perennial streams or large bodies of standing water. These waterbodies must contain appropriate levels of nutrient production, habitat complexity, and flow regimes to support the lifecycles of various fish and/or shellfish species.

5. **Sediment/Shoreline Stabilization -** The ability to effectively stabilize streambanks and shorelines against erosion.
6. **Production (Nutrient) Export -** The ability to produce food or usable products for all organisms, including humans. To perform this function, a wetland must contain a level of high productivity. Wetlands that exhibit this function have an abundance of wildlife habitat and are ecologically rich. Many trophic levels support a higher level of production within the system and, therefore, an increased level of production export.
7. **Nutrient Removal/Retention/Transformation -** The ability to prevent excess nutrients from entering aquifers or surface waters by trapping nutrients in runoff water from surrounding uplands or contiguous wetlands, and by processing these nutrients into other forms or trophic levels. Wetlands remove excess nutrients carried by sediments through absorbing them into soils with high organic matter or transforming these nutrients through nitrification and denitrification as a result of the alternating oxic and anoxic water conditions caused by wetland hydrology.
8. **Wildlife Habitat -** The effectiveness of the wetland to provide habitat for various types and populations of animals typically associated with wetlands and their periphery. Resident and migrating species are considered along with the potential for any state or federally listed species occurring within the target wetland. The presence of wildlife habitat can be inferred by looking at the characteristics of a wetland including the ecological community present, dominant vegetation, and surrounding habitat availability. Wetlands often support large invertebrate populations which provide a food source for birds, bats, and other wildlife. Inundation and open water found in some wetlands can provide aquatic breeding habitat for amphibians as well. Many plant species commonly found in wetlands may be used by birds and mammals as a food source.

4.0 WETLAND VALUES

Values are the societal benefits resulting from one or more of the functions and the physical characteristics associated with a wetland. The five values defined by the USACE Supplement and adopted for use in this assessment, including short descriptions of each value, are described below.

1. **Recreation -** The effectiveness of the wetland to provide, or assist in the establishment of, recreational opportunities such as boating, fishing, hunting, and other leisurely pursuits.
2. **Education/Scientific Value -** The effectiveness of the wetland as a site for public education or as a location for scientific research.
3. **Uniqueness/Heritage -** The ability to contain or demonstrate a singular or rare quality. Such qualities may include the presence of archaeological sites; an unusual aesthetic quality; historical events that took place at the wetland; or unique plants, animals, or geologic features located within, or supported by, the wetland.
4. **Visual Quality/Aesthetics -** The ability to provide pleasing or unique visual and aesthetic qualities.
5. **Threatened or Endangered Species Habitat -** The effectiveness of the wetland to specifically support threatened or endangered species.

5.0 RESULTS

The assignment of qualifiers, which when attributed to a given wetland, identified the functions and values thought to be provided by the wetlands identified within the Facility Site (Table 1). The Principal Functions and Values of each delineated wetland are based on those which stand out as having the most qualifiers and most substantive qualifiers deemed applicable (Table 2). The USACE identifies Principal Functions and Values as those that are most important to the wetland and the community as a whole.

5.1 Groundwater Recharge/Discharge

Within the Facility Site, 130 wetlands were found to exhibit groundwater recharge/discharge. This conclusion is due in part by the relative fluidity and connectivity of wetlands and waterbodies through surface or groundwater flows and the fundamental interactions that occur between wetlands and aquifers. The wetlands were observed to have characteristics such as being associated with a watercourse, ponded water, signs of springs or seeps, fine or organic soils, located in a concave depression or containing a gradual gradient, water marks, and deep surface soil layers. These characteristics indicate that the water level changes periodically or seasonally within the wetland due to potential discharge/recharge events, which the wetland assists in the continuance of surface water flows for groundwater recharge, or that physical wetland attributes allow for groundwater recharge/discharge to occur on-site at variable rates.

5.2 Flood-flow Alteration

All 142 wetlands within the Facility Site were found to promote flood-flow alteration or attenuation. The delineated wetlands were noted to have a combination of features including ponded water, water marks, dense vegetative cover, association with a waterbody, deep surface soil layers, fine-grained or organic soils, large areas relative to other wetlands in the local watershed and occurring in a concave landform or on a gentle gradient. These characteristics contribute to the ability of a wetland to reduce stormwater flow velocities, divert, and diffuse stormwater flows, and store excess water.

5.3 Fish and Shellfish Habitat

Within the Facility Site, 51 wetlands were designated as having the function of supporting fish/shellfish habitat. These wetlands were associated with perennial streams or large open

waterbodies that were determined to function as fish/shellfish habitat. Delineated wetlands were also included as contributing to potential fish/shellfish habitat if they contained intermittent tributaries and/or ponded wetland sites that were sufficiently close to a perennial waterbody as to provide seasonal fish habitat or potential refugia within confluence sites.

5.4 Sediment/Toxicant/Pathogen Retention

All 142 wetlands in the Facility Site were noted to contain sediment/toxicant/pathogen retention abilities. These wetlands were determined to have some combination of thick layers of organic soils, dense vegetation, a landscape position on concave landforms or gentle gradients, and/or Sites of deep open water capable of trapping sediment/toxicant/pathogens and allowing them to settle out of the water column. Wetlands that provide flood-flow alteration were also considered to exhibit the function of sediment/toxicant/pathogen retention. Increased flow regimes caused by flooding events carry increased sediment loads. These increased sediment loads are in turn deposited in wetlands that provide the function of flood flow attenuation by disrupting increased flow regimes.

5.5 Nutrient Removal/Retention/Transformation

All 142 wetlands within the Facility Site perform a nutrient removal/retention/transformation function. Wetlands within the Facility Site that support nutrient removal/retention/transformation contain characteristics such as inundation or deep-water habitats, association with a watercourse, concave topography or gentle gradients, large size compared to other wetlands in the Site, thick layers of fine-grained or organic soils, and dense vegetative cover. Large portions of the Facility Site are active agricultural land. Wetlands that exhibit the nutrient removal, retention, and transformation function are important in helping reduce the input of excess nutrients generated by this agriculture to downstream watercourses. Excess nutrients in a watershed are associated with increased productivity levels of aquatic plant life, eutrophication events, and lowered dissolved oxygen levels throughout the water column. Such instances may lower water quality, alter aquatic habitat, and adversely impact fish and other aquatic species.

5.6 Production Export

All 142 wetlands within the Facility Site exhibit the function of production export. Wetlands in the Facility Site with this function contain relatively high ecological richness and a high structural diversity through the presence of multiple vegetative cover types. Wetlands that are seasonally

or perpetually inundated, serve as habitats for amphibians, reptiles, freshwater fish, aquatic invertebrates, and as breeding areas for insects. These species are consumed by higher trophic levels, including birds, bats, and various mammals.

5.7 Sediment/Shoreline Stabilization

Within the Facility Site, 66 wetlands exhibit the function of sediment/shoreline stabilization. Wetlands in the Facility Site were considered to function in stabilizing the sediment and banks of a waterbody if they created a buffer zone adjacent to a waterbody that acts to absorb and/or diffuse high flow velocities during flood events, thus preventing the erosion of shoreline or transport of excess sediment.

5.8 Wildlife Habitat

Within the Facility Site, 142 of the identified wetlands exhibited sufficient qualifiers to support the function as wildlife habitat. Wildlife or evidence of wildlife was observed during field surveys in many of the wetlands. White-tailed deer (*Odocoileus virginianus*), eastern gray squirrel (*Sciurus carolinensis*), various birds, green frogs (*Lithobates clamitans*), and several other species of mammals, reptiles, amphibians, and various invertebrates were seen within wetlands located throughout the Facility Site during field surveys. Evidence of wildlife observed in wetlands also includes tracks, scat, burrows, scrapes, and chews. Wetlands in the Facility Site that support wildlife habitat have some combination of characteristics including association with a watercourse, dense vegetative coverage, multiple cover types, limited wetland fragmentation, deep open water sites, and ecological richness.

5.9 Recreation

Within the Facility Site, 96 of the wetlands are considered suitable for recreation. Although they are located on private land without available public access, hunting on private lands is prevalent within the Facility Site as evidenced by deer stands, duck blinds located in wetlands and the surrounding area throughout the Facility Site. Deep open water areas within wetlands in the Facility Site may support fishing, another popular recreational activity on private land. Additionally, the presence of rare avian species may support birding opportunities.

5.10 Educational/Scientific Value

The wetlands in the Facility Site do not provide direct educational value, as they are located on private land without available or safe public access, parking, or facilities. No wetlands within the Facility Site have been determined to contain an educational/scientific value.

5.11 Uniqueness/Heritage

A total of 6 wetlands within the Facility Site have been determined to contain a uniqueness/heritage value. Although they lack public access, these wetlands provide well-vegetated stream corridors and are dominated by flowering plants that are visible from public roadways and local landowners.

5.12 Visual Quality/Aesthetics

A total of 54 wetlands in the Facility Site were found to exhibit visual quality/aesthetics values. Although they lack a primary publicly accessible viewing location, they are visible to local landowners. Qualifiers within a wetland that support a value of visual quality/aesthetics include an associated watercourse and a sizeable wetland complex.

5.13 Threatened or Endangered Species Habitat

On April 17, 2024, the Office of Renewable Energy (ORES) and NYSDEC provided a draft determination regarding whether occupied habitat for one of more New York State threatened or endangered species exists within the Facility Site. Additional information regarding occupied habitat and threatened and endangered species is included in Exhibit 12 of the Application.

Table 1. Qualifier Assignment Table

	Wetland Functions								Wetland Values				
Qualifiers	Groundwater Recharge or Discharge	Flood Flow Alteration	Fish or Shellfish Habitat	Sediment, Toxicant, Pathogen Retention	Nutrient Removal, Retention, Transformation	Production Export	Sediment, Shoreline Stabilization	Wildlife Habitat	Recreation	Educational or Scientific Value	Uniqueness and Heritage	Visual Quality and Aesthetics	Threatened or Endangered Species Habitat
Associated with Watercourse	X	X		X	X	X	X	X	X			X	
Signs of Springs/Seeps	X												
Concave Landform or Gentle Gradient		X		X	X								
Deep Surface Soil Layer (16"+)		X		X	X								
Dense Vegetative Coverage		X		X	X	X		X					
Sizeable Wetland		X			X				X			X	
Deep Open Water Area	X	X	X	X	X	X		X	X				
Fish/Shellfish Present			X			X		X	X				
Ecologically Rich					X	X		X					
Fine-grained or Organic Soils Present	X	X		X	X								
No to Low Wetland Fragmentation								X					
Threatened/Endangered Present or Habitat Present								X		X	X		X
Multiple Cover Types					X	X		X					

Note: Based on the *Wetlands Functions and Values: A Descriptive Approach* (1999)

Table 2. Functions and Values of Delineated Wetlands

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-ABL-01	Yes	Yes	Yes	Yes	High	Small	Yes	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-ABL-02	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Visual Quality/Aesthetics
W-ABL-03	Yes	No	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-ABL-04	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-ABL-05	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-ABL-06	Yes	Yes	Yes	Yes	High	Large	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-ABL-07	Yes	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-ABL-09	Yes	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Visual Quality/Aesthetics
W-ABL-10	No	Yes	Yes	Yes	Low	Small	Yes	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Removal; Production Export; Wildlife Habitat	
W-DJB-01	No	No	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-02	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-03	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-04	No	Yes	Yes	Yes	Low	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-05	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-06	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-07	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-08	No	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-09	No	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation: Visual Quality/Aesthetics
W-DJB-10	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-DJB-11	Yes	Yes	Yes	Yes	High	Large	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-DJB-12	Yes	Yes	Yes	Yes	High	Medium	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-DJB-13	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-14	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-15	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-DJB-16	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-DJB-17	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-DJB-18	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-DJB-19	No	Yes	Yes	Yes	Medium	Medium	Yes	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-04	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient	None

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Removal; Production Export; Wildlife Habitat	
W-EES-05	Yes	Yes	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Medium	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Visual Quality/Aesthetics
W-EES-06	Yes	Yes	Yes	Yes	High	Large	Yes	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-EES-07	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-08	Yes	Yes	Yes	Yes	High	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Visual Quality/Aesthetics
W-EES-09	Yes	Yes	Yes	Yes	High	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Visual Quality/Aesthetics
W-EES-12	No	No	Yes	Yes	High	Large	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-EES-13	No	No	Yes	Yes	High	Large	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-EES-14	No	No	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-EES-15	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-EES-16	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-17	No	No	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-18	No	Yes	Yes	Yes	Low	Small	Yes	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-19	No	Yes	Yes	Yes	High	Medium	Yes	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-EES-20	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-21	No	Yes	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-EES-22	No	Yes	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-EES-23	Yes	Yes	Yes	Yes	Medium	Medium	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-24	Yes	Yes	Yes	Yes	Low	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal;	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	
W-EES-25	No	Yes	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-EES-26	Yes	Yes	Yes	Yes	High	Large	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-27	No	Yes	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-EES-28	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-EES-29	No	Yes	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-EES-30	No	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-IBP-01	Yes	Yes	Yes	Yes	High	Large	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Uniqueness/Heritage; Visual Quality/Aesthetics
W-IBP-02	No	Yes	Yes	Yes	High	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-IBP-03	No	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-IBP-04	No	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration;	None

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	
W-IBP-05	Yes	No	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-IBP-06	No	No	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-01	Yes	Yes	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Medium	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-02	No	No	Yes	No	Low	Small	Yes	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-JMP-03	No	No	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-04	Yes	No	Yes	Yes	Medium	Small	Yes	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-05	Yes	No	Yes	Yes	Medium	Medium	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-JMP-06	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-JMP-07	Yes	Yes	Yes	Yes	Medium	Medium	Yes	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation: Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-JMP-08	No	No	Yes	Yes	Medium	Large	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation, Visual Quality/Aesthetics
W-JMP-11	No	No	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-12	Yes	No	Yes	Yes	High	Large	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation, Visual Quality/Aesthetics
W-JMP-13	Yes	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-14	Yes	Yes	Yes	Yes	Medium	Small	Yes	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation: Visual Quality/Aesthetics
W-JMP-15	No	No	Yes	No	Low	Medium	Yes	Yes	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation: Visual Quality/Aesthetics
W-JMP-16	No	No	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-17	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-18	No	No	Yes	Yes	High	Medium	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-19	Yes	Yes	Yes	Yes	Low	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant	Recreation

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Retention; Nutrient Removal; Production Export; Sediment/Shoreline stabilization; Wildlife Habitat	
W-JMP-20	Yes	No	Yes	Yes	High	Small	No	No	No	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-21	Yes	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-22	Yes	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-JMP-23	No	No	Yes	Yes	Low	Small	Yes	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-JMP-24	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-JMP-25	No	No	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Medium	No	X	Yes	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-JMP-26	No	No	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-JMP-27	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-JMP-28	Yes	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-JMP-29	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-JMP-30	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-MLM-01	Yes	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-02	Yes	Yes	Yes	Yes	High	Medium	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-03	No	No	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-MLM-04	Yes	Yes	Yes	Yes	High	Large	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Sediment/Shoreline Stabilization; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-05	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-06	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-07	No	No	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-08	No	No	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-MLM-09	No	No	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-MLM-10	Yes	Yes	Yes	Yes	High	Large	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-NSD-01	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-02	No	No	No	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-03	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-04	Yes	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-05	Yes	Yes	Yes	Yes	High	Large	Yes	Yes	Yes	Yes	Medium	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-NSD-06	Yes	Yes	Yes	Yes	Low	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Sediment/Shoreline Stabilization; Production Export; Wildlife Habitat	None
W-NSD-07	No	No	Yes	No	Low	Small	Yes	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-NSD-08	No	No	Yes	No	Low	Medium	Yes	Yes	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal;	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Production Export; Sediment/Shorelin Stabilization; Wildlife Habitat	
W-NSD-09	Yes	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shorelin Stabilization; Wildlife Habitat	None
W-NSD-10	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	Yes	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	Recreation
W-NSD-11	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-12	Yes	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-13	Yes	Yes	Yes	Yes	Medium	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-14	Yes	Yes	No	Yes	High	Medium	No	No	Yes	Yes	Medium	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-15	No	No	Yes	No	Low	Small	Yes	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-16	Yes	No	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-17	Yes	Yes	Yes	Yes	High	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
W-NSD-18	No	No	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-19	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	Yes	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-20	No	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Wildlife Habitat	None
W-NSD-21	Yes	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-NSD-23	Yes	Yes	Yes	Yes	Medium	Medium	Yes	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-24	Yes	Yes	Yes	Yes	Low	Small	No	No	No	Yes	Medium	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-NSD-25	Yes	No	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-NSD-26	Yes	Yes	Yes	Yes	Medium	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	None
W-NSD-27	Yes	Yes	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-NSD-28	Yes	Yes	Yes	Yes	High	Medium	No	No	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal;	Recreational

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	
W-NSD-29	Yes	Yes	Yes	Yes	Medium	Medium	Yes	Yes	Yes	Yes	Medium	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish and Shellfish Habitat; Sediment/Toxicant Retention; Nutrient Removal; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation
W-RDS-01	No	Yes	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Wildlife Habitat	Recreation
W-RDS-02	Yes	Yes	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-03	No	Yes	Yes	Yes	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation
W-RDS-04	Yes	Yes	Yes	Yes	Medium	Medium	No	Yes	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-05	Yes	Yes	No	Yes	High	Large	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-09	Yes	Yes	Yes	Yes	Medium	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-10	Yes	Yes	Yes	Yes	Medium	Medium	No	Yes	Yes	Yes	Low	No	X	Yes	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish	Recreation; Visual Quality/Aesthetics

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	
W-RDS-11	Yes	Yes	Yes	Yes	High	Small	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-12	Yes	Yes	Yes	Yes	High	Medium	No	Yes	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Fish or Shellfish Habitat; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-13	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation
W-RDS-14	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation
W-RDS-15	No	Yes	Yes	Yes	Medium	Small	No	No	Yes	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation
W-RDS-16	Yes	Yes	Yes	Yes	Low	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Sediment/Shoreline Stabilization; Wildlife Habitat	Recreation; Visual Quality/Aesthetics
W-RDS-17	No	Yes	Yes	Yes	High	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation
W-RDS-18	No	Yes	Yes	Yes	High	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration;	Recreation

Wetland Name	Associated with Watercourse	Signs of Springs /Seeps	Concave Landform or Gentle Gradient	Deep Surface Soil Layer (16”+)	Vegetative Cover Density (High, Medium, Low)	Wetland Size (Small, Medium, Large)	Deep Open Water Area (3'+)	Fish or Shellfish Present in Associated Stream	Ecologically Rich	Fine-grained or Organic Soils Present	Wetland Fragmentation (High, Medium, Low)	Publicly Accessible	Threatened or Endangered Species Potentially Present or Habitat Potentially Present	Multiple Cover Types	Attributed Functions	Attributed Value
															Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	
W-RDS-19	No	Yes	Yes	No	Medium	Small	No	No	No	Yes	Low	No	X	No	Groundwater Recharge/Discharge; Flood Flow Alteration; Sediment/Toxicant/Pathogen Retention; Nutrient Removal/Retention/Transformation; Production Export; Wildlife Habitat	Recreation

6.0 CONCLUSIONS

Wetlands delineated within the Facility Site displayed multiple functions based on their specific characteristics. Each of the wetlands identified within the Facility Site were determined to have the ability to provide the functions of Flood-flow Alteration, Sediment/Toxicant/Pathogen Retention, Nutrient Removal/Retention/Transformation, Wildlife Habitat, and Production Export. Other functions displayed within wetlands delineated within the Facility Site include:

- Groundwater Recharge/Discharge (130 Wetlands)
- Fish and Shellfish Habitat (51 Wetlands)
- Sediment/Shoreline Stabilization (66 Wetlands)

Values were found to occur in most, but not all wetlands within the Facility Site, based on this assessment. None of the values looked at in this assessment were found to occur within all wetlands in the Facility Site. The values that were found to occur include:

- Recreation (96 Wetlands)
- Uniqueness and Heritage Values (6 Wetlands)
- Visual Quality and Aesthetics (54 Wetlands)

Assessing a specific wetland's functions and values is needed to determine the overall effects an impact or alteration may have on a wetland feature. Those functions and values deemed to be principal provide the greatest insight to that effort. Ultimately, such a measurement aids in establishing the appropriate level of mitigation after impacts to a wetland occur. As such, this functions and values assessment will be utilized during the impact analysis and mitigation planning efforts for the Facility, wherein functions and values identified as principal shall receive greater focus.

7.0 REFERENCES

Bliss, Kevin. 2016. NYSWF Wetland Functional Assessment Workshop [PowerPoint Slides]. Retrieved from http://www.wetlandsforum.org/NYSWFWetlandAssessmentOctober13WorkshopIntro.pdf Accessed December 2023.

New York State Department of Environmental Conservation. 1997. Article 24, Freshwater Wetlands Act. Retrieved from https://extapps.dec.ny.gov/docs/wildlife_pdf/wetart24a.pdf. Accessed January 2024.

U.S. Army Corps of Engineers (USACE). 1993. *The Highway Methodology Workbook*. U.S. Army Corps of Engineers, New England Division. NEDEP-360-1-30. 30 pp.

USACE. 1999. *The Highway Methodology Workbook Supplement. Wetland Functions and Values: A Descriptive Approach*. U.S. Army Corps of Engineers, New England Division. NAEEP-360-1-30a. 32 pp.

Attachment A. Wetland Functions and Values Forms

Wetland Function-Value Evaluation Form

Total area of wetland 0.23 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 200'

Dominant wetland systems present PUB/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-01

Latitude 42.90226 Longitude -74.55485

Prepared by: SMS Date 12/6/23

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,14,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,10,13,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	7,8,9,10,11,15,16,17		Potential fish and shellfish habitat in deep water PUB.
Sediment/Toxicant Retention	Y	2,3,4,5,11,12,14,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	2,3,4,5,6,7,11,12,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,10,11,12		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Sediment/Shoreline Stabilization	Y	1,4,6,7,12,14,15		Dense vegetation bordering ephemeral stream and PUB.
Wildlife Habitat	Y	1,3,4,5,6,7,8,9,13,14,15,16,17,18,1	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.02 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 275'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-02

Latitude 42.90171 Longitude -74.55312

Prepared by: SMS Date 12/6/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,3,5,6,8,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,2,3,4,5,6,8,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,6		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,9,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y			No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 5.10 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-03

Latitude 42.89814 Longitude -74.55224

Prepared by: SMS Date 12/6/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,5,7,8,10,13,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	2,3,4,5,10,11,12,13,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,7,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,10,11,12,14		Opportunity assumed to be present, wetland within active agricultural field.
Sediment/Shoreline Stabilization	Y	1,3,4,6,9,12,13,15		Wetland borders intermittent stream S-ABL-03.
Wildlife Habitat	Y	1,3,4,5,6,7,8,9,13,14,15,16,17,18,1	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.42 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 425'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-04

Latitude 42.89611 Longitude -74.54952

Prepared by: SMS Date 12/06/2023

Wetland Impact:
Type X Area X

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,5,7,8,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,6		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Opportunity assumed to be present, wetland immediately adjacent to agricultural field.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,9,13,14,15,16,17,18,19	X	Provides food necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other	N			

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.34 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 200'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-05

Latitude 42.89780 Longitude -74.55238

Prepared by: SMS Date 12/6/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,5,7,8,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,6		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,6,7,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Opportunity assumed to be present, wetland within agricultural field.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,7,8,9,13,14,15,16,17,18,19,2	X	Provides food necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 11.99 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 7'

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-06

Latitude 42.89286 Longitude -74.54994

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y			
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,6,13,14,15		Dense vegetation bordering intermittent streams S-ABL-06 and S-ABL-07.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.52 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1100'

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-07

Latitude 42.89097 Longitude -74.55071

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,8,9,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,6,9,12,13,15		Dense vegetation bordering ephemeral stream S-ABL-05.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.74 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 10'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-09

Latitude 42.88961 Longitude -74.55842

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,6,9,12,13,15		Dense vegetation bordering intermittent stream S-ABL-08.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.27 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 400'

Dominant wetland systems present PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-ABL-10

Latitude 42.88702 Longitude -74.55685

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,10,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,4,7,8,9,10,11,14,15,16,17		Potential fish and shellfish habitat in deep water PUB.
Sediment/Toxicant Retention	Y	3,5,7,8,9,18		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	2,3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Sediment/Shoreline Stabilization	Y	1,4,6,7,12,14,15		Dense vegetation bordering ephemeral stream and PUB.
Wildlife Habitat	Y	1,3,4,5,7,8,12,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.07 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 50'

Dominant wetland systems present PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-01

Latitude 42.84708 Longitude -74.46438

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,5,7,8,9,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,6		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14	X	Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,15,16,18,19,21		Provides food necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.19 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-02

Latitude 42.84778 Longitude -74.46845

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	3,5,7,8,9,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,15,16,18,19,21	X	Provides food necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.34 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and public road Distance to nearest roadway or other development 20'

Dominant wetland systems present PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-03

Latitude 42.84748 Longitude -74.46918

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.13 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 50'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-04

Latitude 42.85436 Longitude -74.53364

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.10 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 260'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-05

Latitude 42.85508 Longitude -74.53539

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.11 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 20'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-06

Latitude 42.87232 Longitude -74.53567

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.05 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 20'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-07

Latitude 42.87166 Longitude -74.53855

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.70 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 20'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-08

Latitude 42.87035 Longitude -74.54015

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 5.21 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 75'

Dominant wetland systems present PEM/PSS/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-09

Latitude 42.87440 Longitude -74.54286

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		The wetland has three cover types and is part of a forested area.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.20 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 100'

Dominant wetland systems present PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-10

Latitude 42.87434 Longitude -74.54185

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 19.26 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 700'

Dominant wetland systems present PSS/PFO Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-11

Latitude 42.87691 Longitude -74.53695

Prepared by: SMS Date 12/122023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Perennial streams S-DJB-02 and S-DJB-03 have the potential to support fish populations.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,12,14,15,16	X	Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Dense vegetation bordering streams within wetland,
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	10,12,13,15,16,17,19		Wetland shows signs of a healthy ecosystem and has two cover types.
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.37 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 800'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-12

Latitude 42.88165 Longitude -74.53011

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Perennial stream S-DJB-03 has the potential to support fish populations.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,12,14,15,16	X	Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Dense vegetation bordering stream within wetland,
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	10,12,13,15,16,17,19		Wetland shows signs of a healthy ecosystem and has two cover types.
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.13 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 500'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-13

Latitude 42.88168 Longitude -74.52840

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.77 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 140'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-14

Latitude 42.88422 Longitude -74.52635

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.09 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,060'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-15

Latitude 42.88665 Longitude -74.52751

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.13 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 500'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-16

Latitude 42.88600 Longitude -74.52574

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.15 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 230'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-17

Latitude 42.88559 Longitude -74.52465

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.37 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,300'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-18

Latitude 42.87964 Longitude -74.53939

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.41 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 55'

Dominant wetland systems present PUB/PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-DJB-19

Latitude 42.88127 Longitude -74.54387

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,10,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Potential fish and shellfish habitat in deep water PUB.
Sediment/Toxicant Retention	Y	1,2,3,4,5,12		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	2,3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,6,7		Dense vegetation bordering PUB.
Wildlife Habitat	Y	1,3,4,5,7,8,12,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.06 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-04

Latitude 42.86061 Longitude -74.54024

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depressional wetland allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.94 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-05

Latitude 42.86061 Longitude -74.54024

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,8,9,10,13,14,16,18		Depression wetland allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Wetland borders ephemeral stream S-EES-07.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12	X	No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 71.15 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 30'

Dominant wetland systems present PEM/PSS/PUB Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-06

Latitude 42.85128 Longitude -74.53618

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Potential fish and shellfish habitat in deep water PUB and perennial stream S-EES-12.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,12,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Dense vegetation bordering streams and PUB.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	4,10,12,13,15,16,17,19		Wetland shows signs of a healthy ecosystem and has multiple cover types.
Visual Quality/Aesthetics	Y	1,2,3,4,5,6,7,8,10,11,12		Three cover types and multiple streams are associated with this wetland.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.04 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 550'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-07

Latitude 42.85342 Longitude -74.53493

Prepared by: SMS Date 12/7/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.04 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and residential Distance to nearest roadway or other development 410'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-08

Latitude 42.85400 Longitude -74.53449

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Intermittent stream S-EES-11 in close proximity to perennial stream S-EES-12
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Dense vegetation bordering intermittent stream S-EES-11.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.04 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 280'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-09

Latitude 42.85337 Longitude -74.53385

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	1,2,3,4,7,8,9,10,11,15,16,17		Ephemeral stream S-EES-13 in close proximity to perennial stream S-EES-12
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,9,12,13,14,15		Dense vegetation bordering ephemeral stream S-EES-13.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 18.88 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 815'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-12

Latitude 42.86222 Longitude -74.54829

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	10,12,13,15,16,17,19		Wetland shows signs of a healthy ecosystem and has two cover types represented.
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 14.64 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-13

Latitude 42.86409 Longitude -74.54445

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	3,4,5,7,8,13,14,15,16,17,18,19,20	X	Provides food and shelter necessary for a species survival.
Recreation	Y	3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 4.83 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-14

Latitude 42.86409 Longitude -74.54445

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.57 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 50'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-15

Latitude 42.86490 Longitude -74.54072

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.25 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 475'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-16

Latitude 42.86831 Longitude -74.54337

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.14 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-17

Latitude 42.86760 Longitude -74.54072

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Opportunity assumed to be present, wetland in close proximity to agricultural field.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.37 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-18

Latitude 42.86850 Longitude -74.54081

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,10,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,5,7,8,9,10,11,15,16		Potential fish and shellfish habitat in deep water PUB.
Sediment/Toxicant Retention	Y	1,2,3,4,5,12		Potential to retain toxicants from adjacent active agricultural land and roadway.
Nutrient Removal	Y	2,3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,6,7		Dense vegetation bordering PUB.
Wildlife Habitat	Y	1,3,4,5,7,8,12,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6		No public opportunity but has the potential for fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,5,6,7,8,10,11,12		Potential for aesthetic value from adjacent public roadway.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.85 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 150'

Dominant wetland systems present PUB/PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-19

Latitude 42.86879 Longitude -74.54245

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,10,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,3,4,5,7,8,9,10,11,15,16		Potential fish and shellfish habitat in deep water PUB.
Sediment/Toxicant Retention	Y	1,2,3,4,5,12		Potential to retain toxicants from adjacent active agricultural land and roadway.
Nutrient Removal	Y	2,3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,6,7		Dense vegetation bordering PUB.
Wildlife Habitat	Y	1,3,4,5,7,8,12,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival. Suitable amphibian habitat.
Recreation	Y	2,3,4,5,6		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	10,12,13,15,16,17,19		Wetland shows signs of a healthy ecosystem and has two cover types represented.
Visual Quality/Aesthetics	Y	1,2,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.32 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 430'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-20

Latitude 42.84784 Longitude -74.49534

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food and shelter necessary for a species survival.
Recreation	Y	3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.18 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 300'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-21

Latitude 42.84768 Longitude -74.49398

Prepared by: SMS Date 12/13/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food necessary for a species survival.
Recreation	Y	2,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.29 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 500'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-22

Latitude 42.84501 Longitude -74.49631

Prepared by: SMS Date 12/13/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food necessary for a species survival.
Recreation	Y	2,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 6.07 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 200'

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-23

Latitude 42.84253 Longitude -74.49405

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,3,4,5,7,8,9,10,11,15,16	X	Three streams are associated with this wetland and could support fish and shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,12,13,14,15		Dense vegetation bordering streams.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,2,3,4,5,6,7,8,10,11,12,	X	The wetland is a large complex with two cover types and three streams.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.78 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 500'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-24

Latitude 42.84320 Longitude -74.49722

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,3,4,5,7,8,9,10,11,15,16	X	The two streams associated with this wetland could support fish or shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,12,13,15		Dense vegetation bordering streams.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food necessary for a species survival.
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	3,4,5,6,7,8,10,11,12	X	The wetland is associated with two streams.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.41 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural and public roads Distance to nearest roadway or other development 100'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-25

Latitude 42.83368 Longitude -74.50940

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4, 9,11		Dense vegetation can provide nutrient removal.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 13.28 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 500'

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 7 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-26

Latitude 42.83257 Longitude -74.50600

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,3,4,5,7,8,9,10,11,15,16	X	Streams have the potential to influence fish or shellfish habitat
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,9,12,14,15		Dense vegetation bordering streams.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	1,2,3,4,5,6		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,2,3,4,5,6,7,8,10,11,12	X	This wetland has 7 streams and is situated within a forest.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 3.36 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 700'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-27

Latitude 42.83679 Longitude -74.50362

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,3,4,5,7,8,9,10,11,15,16	X	Streams have the potential to influence fish or shellfish habitat
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,9,12,14,15		Dense vegetation bordering streams.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food necessary for a species survival.
Recreation	Y	1,2,3,4,5,6		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	2,3,4,5,6,7,8,10,11,12	X	Wetland is associated with a stream and contains a variety of flowering vegetation.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.27 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 800'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-28

Latitude 42.83302 Longitude -74.50120

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food necessary for a species survival.
Recreation	N	1, 3		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.47 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 250'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-29

Latitude 42.83714 Longitude -74.49881

Prepared by: SMS Date 12/13/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	3,4,5,7,8,13,14,16,17,18,19	X	Provides food necessary for a species survival.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.63 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 100'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? None Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-EES-30

Latitude 42.84096 Longitude -74.50602

Prepared by: SMS Date 12/13/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Provides food necessary for a species survival.
Recreation	Y	4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 15.74 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 100'

Dominant wetland systems present PSS/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-01

Latitude 42.85025 Longitude -74.51986

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	Y	2,4,7,8,9,10,11,14,15,16,17	X	Wetland borders Flat Creek which supports fish populations.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16	X	Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,6,9,12,13,15		Dense vegetation bordering Flat Creek.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for fishing and hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	Y	13,15,16,17,19,30		No public opportunity but wetland provides well-vegetated stream corridor for Flat Creek.
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.42 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 10'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-02

Latitude 42.84936 Longitude -74.52398

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5	X	Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(		Provides food necessary for a species survival
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.43 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 20'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-03

Latitude 42.84748 Longitude -74.51702

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5	X	Potential to retain toxicants from adjacent active agricultural land and road.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(		Provides food and shelter necessary for a species survival
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.19 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 25'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-04

Latitude 42.84369 Longitude -74.50778

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Groundwater at the surface.
Floodflow Alteration	Y	5,14,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5	X	Potential to retain toxicants from adjacent active agricultural land and road.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(		Provides food necessary for a species survival
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.17 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,000'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-05

Latitude 42.84174 Longitude -74.51181

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16	X	Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival
Recreation	Y	2,3,4,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 4.80 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 80'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-IBP-06

Latitude 42.84116 Longitude -74.50923

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,9,13,15		Porous soils allow for recharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Depression allows for storm water recharge.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land and public roadway.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival
Recreation	Y	3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 6.86 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 90'

Dominant wetland systems present PEM/PSS/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-01

Latitude 42.85572 Longitude -74.47645

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	7,8,13,15		An intermittent stream runs through the wetland, porous loamy soils occur throughout.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Wetland may retain overland flow during precipitation events.
Fish and Shellfish Habitat	Y	2,4,8,10,11,16,17		No fish were present in the intermittent stream, but it could potentially provide habitat.
Sediment/Toxicant Retention	Y	1,2,3,5,10,11,14,15,16	X	Wetland is surrounded by agricultural fields, dense vegetation may trap sediment.
Nutrient Removal	Y	3,4,8,9,11,12,13,14	X	Wetland occurs adjacent to agricultural land with potential for excess nutrient runoff.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,12,13,14		Vegetation on banks of stream may provide bank stabilization.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	3,4,5		No public opportunity but has the potential for fishing and hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.41 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,600'

Dominant wetland systems present PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-02

Latitude 42.852336 Longitude -74.473941

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater present at surface level.
Floodflow Alteration	Y	5,7,8,9,10,14,18		Wetland may retain additional overland sheet flow from uplands during precipitation events.
Fish and Shellfish Habitat	Y	2,3,9,10,11,15,16,17	X	The pond within this wetland could support fish or shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain sediment and toxicants from adjacent land use.
Nutrient Removal	Y	2,3,4,8		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,5,6,9,12,14		Wetland may provide food and water source to wildlife.
Sediment/Shoreline Stabilization	Y	1,6		Wetland vegetation surrounding pond may provide bank stabilization.
Wildlife Habitat	Y	3,4,5,7,8,16,17,18,19,20,21	X	Wetland provides food and open water habitat for various species.
Recreation	Y	2,3,8		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.56 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,100'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-03

Latitude 42.85243 Longitude -74.47378

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Water-stained leaves indicate periods of inundation.
Floodflow Alteration	Y	2,5,6,8,9,15,18		Isolated wetland contains hydric soils and may retain excess water during flood events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,5,9		Isolated wetland may retain sediment/toxicants from surrounding agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,3,4,5,7,8,12,14		Flowering vegetation and wildlife evidence observed within the wetland; potential lumber.
Sediment/Shoreline Stabilization	N			Isolated wetland is not contiguous with any stream or shoreline.
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,18,19,20	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	3, 4, 5		No public opportunity but has the potential for hunting and value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.68 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 600'

Dominant wetland systems present PEM/PFO/PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-04

Latitude 42.85085 Longitude -74.47862

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,5,7,9,15		Outlet of the intermittent stream associated with the wetland is constricted, could lead to rec
Floodflow Alteration	Y	5,6,7,8,9,10,13,15,16,18		Wetland may provide flood water storage for the intermittent stream and pond.
Fish and Shellfish Habitat	Y	2,3,7,8,9,10,11,15,16,17	X	The stream and open water portion could support fish or shellfish.
Sediment/Toxicant Retention	Y	1,2,3,5,10,11,12,15,16	X	Floodwater storage is apparent in PUB portion, wetland reduces flow velocity from pond.
Nutrient Removal	Y	3,4,8,9,11,12,13,14	X	Wetland may remove excess runoff from agriculture. Intermittent stream within the wetland.
Production Export	Y	1,4,5,7,8,10,11,12,14		Flowering and diverse vegetation occurs within wetland. Nutrients are exported via stream.
Sediment/Shoreline Stabilization	Y	1,4,6,12,13,15		Dense energy-absorbing vegetation occurs along portions of stream.
Wildlife Habitat	Y	3,4,5,6,7,8,9,11,13,14,15,16,17,18	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	2,3,5		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 3.46 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 1,000'

Dominant wetland systems present PFO/PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-05

Latitude 42.84981 Longitude -74.47821

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,8,9,10,15		Wetland originates at open water portion and only contains outlets/discharge.
Floodflow Alteration	Y	5,7,8,9,13,14,16,18		Wetland collects upland sheetflow and can retain flood event precipitation.
Fish and Shellfish Habitat	Y	1,2,3,7,8,9,10,11,15,16,17	X	Open water portion of wetland could support fish or shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter necessary for a species survival.
Recreation	Y	2,3,4,5,6		No public opportunity but has the potential for fishing and hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	2,3,6		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.71 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 1,200'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-06

Latitude 42.85065 Longitude -74.47610

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,15		Groundwater at surface level
Floodflow Alteration	Y	5,9,10,18		Wetland may retain water from overland sheetflow and flood events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,16,18,19		Provides food and shelter necessary for small species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.92 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 100'

Dominant wetland systems present PSS/PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-07

Latitude 42.85791 Longitude -74.46876

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,7,8,13,15		Groundwater at surface level in portions of wetland, variable water levels from flooding.
Floodflow Alteration	Y	5,7,8,9,10,13,14,16,18	X	Wetland may retain water from overland sheetflow and flood events.
Fish and Shellfish Habitat	Y	2,3,7,8,9,10,11,15,16,17	X	Perennial and intermittent streams contiguous with wetland could support fish or shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,14,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land and outlet provided by streams.
Production Export	Y	1,4,5,7,8,9,11,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,12,13,15		Dense vegetation bordering intermittent and perennial streams.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Provides food and shelter, including aquatic habitat, necessary for species survival.
Recreation	Y	2,3,4,5,6		No public opportunity but has the potential for fishing and hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,3,4,5,6,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 5.82 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 100'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-08

Latitude 42.85519 Longitude -74.45685

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,5,15		Surface-level groundwater occurs within off-site portions of wetland complex.
Floodflow Alteration	Y	2,5,6,7,8,9,18	X	Large depression, and surface water in off-site portions, allow for ample water retention.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,5		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,2,3,4,7,8		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.37 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 950'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-11

Latitude 42.85518 Longitude -74.51800

Prepared by: SMS Date 12/14/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,15		Variable water levels apparent based on water marks on trees, could allow for recharge.
Floodflow Alteration	Y	5,9,14		Wetland may retain overland flow during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,9		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 9.24 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 90'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-12

Latitude 42.85312 Longitude -74.51715

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,5,7,9,15		Groundwater at surface present within portions of wetland.
Floodflow Alteration	Y	5,6,7,8,9,10,13,14,15,16,18	X	Large depressional wetland may retain overland sheet flow and flood water from stream.
Fish and Shellfish Habitat	N			Stream associated with wetland contains no inlet or outlet at terminating ends.
Sediment/Toxicant Retention	Y	1,2,3,5,10,11,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,11,12		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,5,7,12,13,15		Dense emergent vegetation surrounding stream may provide stabilization and reduce erosic
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,2,3,5,6,7		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,2,3,5,7,8,10,11,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.61 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 750'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-13

Latitude 42.85701 Longitude -74.51624

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,5,7,15		Associated stream may incorporate discharge, porous soils may allow for recharge.
Floodflow Alteration	Y	5,6,7,8,9,10,13,14,16,18	X	Depressional wetland may retain overland sheet flow and flood water from stream.
Fish and Shellfish Habitat	N			Stream associated with wetland contains no inlet or outlet at terminating ends.
Sediment/Toxicant Retention	Y	1,2,3,5,10,11,13,15,16		Potential to retain toxicants from adjacent active agricultural land.
Nutrient Removal	Y	3,4,8,9,11,12,14		Potential exists due to proximity of active agricultural land.
Production Export	Y	1,4,5,7,8,10,11,12		Flowering vegetation and wildlife food sources located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,7,12,13		Dense emergent and shrub vegetation provides stream bank stabilization.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5,6		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.12 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 50'

Dominant wetland systems present PSS/PFO/PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-14

Latitude 42.85445 Longitude -74.51013

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,7,8,9,15		Groundwater present at surface level, open water present in portions as well.
Floodflow Alteration	Y	5,6,7,8,9,13,15,16,18		Wetland may retain flood water overland sheet flow, outlet constricted by culvert.
Fish and Shellfish Habitat	Y	2,3,7,8,9,10,12,15,16,17	X	The PUB/pond is large and deep enough to support fish and shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,10,11,12,13,15,16		Potential to retain sediment and toxicants from adjacent land use. Deep water helps retentio
Nutrient Removal	Y	3,4,8,9,11,12,13,14		Potential exists due to proximity of active agricultural land and presence of deep water.
Production Export	Y	1,4,5,6,7,8,9,11,12		Flowering vegetation and wildlife food sources located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,6,7,12,13,14		Dense emergent and woody vegetation provides stream and pond bank stabilization.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,2,3,4,5,6,8,9		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	1,2,3,5,6,7,8,10,11		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.94 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 130'

Dominant wetland systems present PUB Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-15

Latitude 42.85310 Longitude -74.50521

Prepared by: SMS Date 12/12/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,13,15		Groundwater and open water present at surface level.
Floodflow Alteration	Y	5,6,7,8,9		Wetland may retain flood water and overland sheet flow, outlet constricted
Fish and Shellfish Habitat	Y	3,7,9,10,15,16	X	Pond could support fish and shellfish, could potentially be stocked.
Sediment/Toxicant Retention	Y	1,2,3,5,12		Potential to retain sediment and toxicants from adjacent land use.
Nutrient Removal	Y	2,3,4,8,9,11		Potential exists due to proximity of active agricultural land and presence of deep water.
Production Export	Y	1,4		Potential aquatic wildlife food sources located within the wetland.
Sediment/Shoreline Stabilization	Y	3,6,15		Emergent pond bank species may provide bank stabilization.
Wildlife Habitat	Y	3,4,5,7,8,17,18,19,20,21	X	Wetland provides food, and open water habitat for various species.
Recreation	Y	2,3,6		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	Y	2,5,6,7,12		No public opportunity but has the potential for aesthetic value.
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.20 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 1,000'

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-16

Latitude 42.85196 Longitude -74.50229

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	15		Buttressed roots and water marks indicate water fluctuation.
Floodflow Alteration	Y	5,6,7,8,9,18		Wetland may retain excess water during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,9		Potential to retain sediment and toxicants from adjacent land use.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,7,12		Flowering vegetation and potential lumber located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,17,19,20	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.22 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 240'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-17

Latitude 42.85329 Longitude -74.50918

Prepared by: SMS Date 12/15/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,15		Buttressed roots and water marks indicate water fluctuation.
Floodflow Alteration	Y	5,8,9,18		Wetland may retain excess water during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,9		Potential to retain sediment and toxicants from adjacent land use.
Nutrient Removal	Y	3,4,7,8,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,3,7,8,12		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,15,17,18,19,20,21	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.04 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 600'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-18

Latitude 42.86151 Longitude -74.51340

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	N			
Floodflow Alteration	Y	5,6,8,9,18		Wetland may retain excess water during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,5		Potential to retain sediment and toxicants from adjacent active agricultural use.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	4,7,8,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,17,19,20,21	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.19 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Forested, Agricultural Distance to nearest roadway or other development 950'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 3 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-19

Latitude 42.84016 Longitude -74.49256

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,4,7,8,13,15		Groundwater present at surface, discharges into perennial stream.
Floodflow Alteration	Y	2,5,7,8,9,10,13,14	X	Wetland may retain flood water from perennial stream and excess water from uplands.
Fish and Shellfish Habitat	Y	2,3,4,7,8,9,10,11,14,15,16,17	X	The various contiguous streams may support fish and shellfish.
Sediment/Toxicant Retention	Y	1,2,3,4,5,9,10,14,15		Potential to retain sediment and toxicants from adjacent land use.
Nutrient Removal	Y	2,3,4,7,12,14		Potentially due to proximity of active agricultural land and connection to perennial stream.
Production Export	Y	1,4,10,11,12		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,2,3,4,6,7,14		Forested wetland community provides stream bank stabilization and erosion control.
Wildlife Habitat	Y	1,3,4,5,6,7,8,9,17,18,19,20,21	X	Wetland provides food, and open water habitat for various species.
Recreation	Y	1,2,3,4,5,6		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.48 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 1,500'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-20

Latitude 42.84120 Longitude -74.49172

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	2,5,8,15		Groundwater present at surface, may discharge into ephemeral stream.
Floodflow Alteration	Y	5,6,7,8,9,13,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			Associated stream is ephemeral and would not support aquatic species.
Sediment/Toxicant Retention	Y	1,2,4,5,16		Potential to retain sediment and toxicants from adjacent active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,13,14		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,7,12		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,12,13		Wetland may retain water during rain events, slowing water velocity in ephemeral stream.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,17,18,19,20,21	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.55 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Forested, Agricultural Distance to nearest roadway or other development 50'

Dominant wetland systems present PFO Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-21

Latitude 42.84147 Longitude -74.49787

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,10,15		Hydrology seemingly provided by groundwater, discharges into ephemeral stream.
Floodflow Alteration	Y	5,7,8,9,13,16,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			Associated stream is ephemeral and would not support aquatic species.
Sediment/Toxicant Retention	Y	1,2,4,9,13,16		Potential to retain sediment and toxicants from nearby active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,11,13,14		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,7,8,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,4,12,13,15		Wetland may retain water during rain events, slowing water velocity in ephemeral stream.
Wildlife Habitat	Y	1,3,4,5,7,8,9,13,14,15,18,19,20,21	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	Y	1,3,4,5,6		No public opportunity but has the potential for hunting value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.10 Human made? No Is wetland part of a wildlife corridor? Yes or a "habitat island"? No

Adjacent land use Agricultural, Forested Distance to nearest roadway or other development 650'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-22

Latitude 42.83857 Longitude -74.49500

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	5,10,15		Groundwater at surface level, discharges into ephemeral stream.
Floodflow Alteration	Y	2,5,7,8,9,13,16,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			Associated stream is ephemeral and would not support aquatic species.
Sediment/Toxicant Retention	Y	1,2,4,11,13,15,16		Potential to retain sediment and toxicants from adjacent active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,11,13,14		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,7,8,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,4,12,13		Wetland may retain water during rain events, slowing water velocity in ephemeral stream.
Wildlife Habitat	Y	1,3,4,5,6,7,8,13,14,15,16,17,18,19	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.71 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Industrial Distance to nearest roadway or other development 30'

Dominant wetland systems present PUB/PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-23

Latitude 42.84675 Longitude -74.48848

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	8,9,13,15		Groundwater present at surface level. Evidence on pond banks of fluctuating water levels.
Floodflow Alteration	Y	5,6,7,8,9,15,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	Y	2,3,7,8,9,10,11,15,16	X	PUB portion of wetland is large and deep enough to support fish and shellfish species.
Sediment/Toxicant Retention	Y	1,2,4,10,12,13,15,16		Potential to retain sediment and toxicants from adjacent developed land.
Nutrient Removal	Y	2,3,4,5,7,8,9,11,13		Potential exists due to proximity of developed and active agricultural land.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	Y	1,3,6,7,12,13		PUB banks are stabilized emergent vegetation.
Wildlife Habitat	Y	1,3,4,5,7,8,12,13,14,15,16,17,18,1	X	Wetland provides food, and open water habitat for various species.
Recreation	Y	2,3,5,8,9		No public opportunity but has the potential for hunting and fishing value.
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.39 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural, Industrial Distance to nearest roadway or other development 20'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin?

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-24

Latitude 42.84438 Longitude -74.48881

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type Area

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	Y	4,5		High water table present, porous soils may allow groundwater recharge.
Floodflow Alteration	Y	5,6,8,9,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,4,5,9		Potential to retain sediment and toxicants from adjacent agricultural and developed land.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of developed and active agricultural land.
Production Export	Y	1,4,7,8,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 4.76 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 15'

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-25

Latitude 42.85933 Longitude -74.51801

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	N			
Floodflow Alteration	Y	5,6,9,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain sediment and toxicants from adjacent active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.14 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 15'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is the wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Mid

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-26

Latitude 42.85889 Longitude -74.52034

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	N			
Floodflow Alteration	Y	5,6,9,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain sediment and toxicants from adjacent active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	1,3,4,5,7,8,13,14,15,16,17,18,19,2(	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.08 Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agricultural Distance to nearest roadway or other development 860'

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present Yes

Is the wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. W-JMP-27

Latitude 42.85780 Longitude -74.51736

Prepared by: SMS Date 12/18/2023

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office X Field X

Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
Groundwater Recharge/Discharge	N			
Floodflow Alteration	Y	5,6,9,18		Wetland may retain excess water from uplands during precipitation events.
Fish and Shellfish Habitat	N			
Sediment/Toxicant Retention	Y	1,2,3,4,5		Potential to retain sediment and toxicants from adjacent active agricultural land use.
Nutrient Removal	Y	3,4,7,8,9,11		Potential exists due to proximity of active agricultural land and poorly drained soils.
Production Export	Y	1,4,5,7,8,9,12,14		Flowering vegetation located within the wetland.
Sediment/Shoreline Stabilization	N			
Wildlife Habitat	Y	3,4,5,7,8,13,14,15,17,18,19,21	X	Wetland provides food, shelter, and vegetative coverage for various species.
Recreation	N			
Educational/Scientific Value	N			
Uniqueness/Heritage	N			
Visual Quality/Aesthetics	N			
ES Endangered Species Habitat	N			
Other				

Notes:

* Refer to backup list of numbered considerations.