

Wetland Function-Value Evaluation Form

Total area of wetland 0.03 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Residential/Agricultural/Forested Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PSS 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? West Headwaters Oneida Creek

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

Wetland I.D. 66-W010













Latitude 42.94262636 Longitude -75.73305068

Prepared by: RS Date 12/27/23

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 | 5,13 | X | Fragipan does not occur in this wetland. Signs of ground water discharge were observed. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4 | | Receives sediments/toxicant runoff from surrounding agricultural fields and adjacent road. |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | | | | |

Notes: Wetland is located on the transition from agriculture field to scrub shrub cover type.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 23.93 acres Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Scrub shrub/Successional field Distance to nearest roadway or other development 0.10 mile

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? West Headwaters Oneida Creek

How many tributaries contribute to the wetland? 5 Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. 66-W011













Latitude 42.93850349 Longitude -75.72866598

Prepared by: RS Date 12/27/23

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 | <u>Y</u> | <u>5,7,15</u> | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels |
|  Floodflow Alteration | <u>Y</u> | <u>1,3,5,6,7,8,9,10,13,14,16,18</u> | <u>X</u> | Low spot in landscape with with ample storage capacity to detain access flood waters |
|  Fish and Shellfish Habitat | <u>Y</u> | <u>2,3,4,7,8,10,14,16</u> | | This wetland is associated with a NYS DEC mapped C(T) class stream. open water, and perennial tributaries provide habitat for fish and shell fish. |
|  Sediment/Toxicant Retention | <u>Y</u> | <u>1,2,3,10,11,12,14,15,16</u> | | Receives sediments/toxicant runoff from surrounding agricultural fields and upland areas. |
|  Nutrient Removal | <u>Y</u> | <u>1,2,3,4,5,7,8,9,10,11,12</u> | <u>X</u> | Open water features provide opportunity for nutrient attenuation. Traps nutrient runoff from agriculture fields. |
|  Production Export | <u>Y</u> | <u>1, 6,7,8,9,10,12,</u> | | An abundance of nutrients are found within wetland complex that have the potential of use from flora and fauna within or around the wetland |
|  Sediment/Shoreline Stabilization | <u>Y</u> | <u>3,4,6,7,9,10,12,13,15</u> | | Sediment sources occur surrounding wetland. Wetland complex contains an abundance of emergent vegetation that can stabilize sediment |
|  Wildlife Habitat | <u>Y</u> | <u>3,4,5,6,7,8,9,11,13,14,15,19,20,21</u> | <u>X</u> | Open water features provide habitat for waterfowl, reptiles, amphibians and aquatic macro-invertebrates. |
|  Recreation | <u>N</u> | | | |
|  Educational/Scientific Value | <u>N</u> | | | |
|  Uniqueness/Heritage | <u>N</u> | | | |
|  Visual Quality/Aesthetics | <u>N</u> | | | |
| ES Endangered Species Habitat | <u>N</u> | | | |
| Other | <u>N</u> | | | |

Notes: This wetland is a portion of a larger complex. It corresponds with an NWI mapped wetland PSS1/EM1Bd. This wetland is associated with a NYS DEC mapped C(T) stream

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.01 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Forested/Successional Scrub Shrub Distance to nearest roadway or other development 70 feet

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? West Headwaters Oneida Creek

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

Wetland I.D. 66-W012













Latitude 42.94279 Longitude -75.73268

Prepared by: RS Date 12/27/23

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 | 5,13 | X | Fragipan does not occur in this wetland. Signs of groundwater discharge observed. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | | | |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | | | | |

Notes: Hill side seep associated with an intermittent stream.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.90 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Forested/Successional field Distance to nearest roadway or other development 225 feet

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? West Headwaters Oneida Creek

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

Wetland I.D. 66-W013













Latitude 42.941746 Longitude -75.73284824

Prepared by: RS Date 12/28/23

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 | 5,13 | X | Fragipan does not exist in this wetland. Signs of ground water discharge are present. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4 | | Receives sediments/toxicant runoff from surrounding agricultural fields and upland areas |
|  Nutrient Removal | Y | 3,7,8,9,11 | | Traps nutrients from runoff from agricultural fields |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: Hillside seep downslope of active agriculture field.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.85 acre 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 0.10 mile

Dominant wetland systems present PSS 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? West Headwaters Oneida Creek

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

Wetland I.D. 66-W014













Latitude 42.94046 Longitude -75.72327

Prepared by: RS Date 12/28/23

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 | 5,15 | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4,10,14,16 | X | Receives sediments/toxicant runoff from surrounding agricultural fields . Dense vegetation is found within this wetland complex that gives potential for sediment and toxicant retention |
|  Nutrient Removal | Y | 3,4,7,8,9,12,13 | X | Traps nutrients from runoff from agricultural fields |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | | | | |

Notes: Agriculture fields border wetland. This wetland outlets into an intermittent stream. * Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.22 acre 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 0.25 mile

Dominant wetland systems present PSS 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? North Headwaters Chittenango Creek

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

Wetland I.D. 66-W015













Latitude 42.94385 Longitude -75.77007

Prepared by: RS Date 12/28/23

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 | 5,13 | X | Fragipan does not occur in this wetland. Signs of groundwater discharge were observed. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4 | | Receives sediments/toxicant runoff from surrounding agricultural fields and upland areas |
|  Nutrient Removal | Y | 3,4,7,8,9 | | Traps nutrients from runoff from agricultural fields |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland is bordered by an active agriculture field.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 1.83 acres 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 5 feet

Dominant wetland systems present PEM/POW 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? Northwest Headwaters Chittenango Creek

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

Wetland I.D. 66-W016













Latitude 42.93991429 Longitude -75.76619216

Prepared by: RS Date 12/28/23

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 | 5,7,15 | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | Y | 5,6,8,9,10,13,14,17 | | During periods of heavy precipitation the wetland bordering the water course has the potential to store excess flood waters. |
|  Fish and Shellfish Habitat | Y | 3,4,7,8,10,14,16,17 | | A NYS DEC mapped C(T) stream flows through this wetland. Fish were observed during the time of delineations. |
|  Sediment/Toxicant Retention | Y | 1,2,4,10,15,16 | X | Wetland has high potential to trap sediments and toxicants from adjacent pasture and near by road before they enter the stream associated with this wetland. |
|  Nutrient Removal | Y | 3,4,5,7,8,9,10 | | Opportunity for nutrient attenuation in open water feature of wetland. Traps nutrients from runoff from agricultural fields before they enter the stream. |
|  Production Export | Y | 1, 2,6,7,10,11,12 | | An abundance of nutrients are found within wetland complex that have the potential of use from flora and fauna within or around the wetland |
|  Sediment/Shoreline Stabilization | Y | 2,3,4,6,7,8,9,12,13,15 | X | This wetland is associated with a perennial stream. An abundance of emergent vegetation and woody shrub along banks can stabilize sediments from surrounding agriculture fields. |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | | | | |

Notes: This wetland corresponds with an NWI mapped feature PSS1/EM1Eb. A NYS DEC mapped C(T) stream flows through the wetland.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.17 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agriculture Distance to nearest roadway or other development 12 feet

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? Northwest Headwaters Chittenango Creek

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

Wetland I.D. 66-W017













Latitude 42.94026472 Longitude -75.76810702

Prepared by: RS Date 12/28/23

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 | 5 | X | Fragipan does not exist in this wetland. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4 | X | Receives sediments/toxicant runoff from surrounding agricultural fields |
|  Nutrient Removal | Y | 3,4,7,8,9 | | Traps nutrients from runoff from agricultural fields |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: **Wetland** occurs within a swale on the edge of an agriculture field.

** Refer to backup list of numbered considerations.*

Wetland Function-Value Evaluation Form

Total area of wetland 0.56 acre 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 0.28 mile

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? North Callahan Brook-Chenango River

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

Wetland I.D. 66-W018













Latitude 42.93298788 Longitude -75.70282162

Prepared by: RS Date 12/28/23

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 | 5,7,13 | X | Fragipan does not occur in this wetland. Signs of ground water discharge were observed. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 1,2,4,10, 11,13,16 | X | Receives sediments/toxicant runoff from surrounding agricultural fields |
|  Nutrient Removal | Y | 3,4,7,8,9 | | Traps nutrients from runoff from agricultural fields |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland is bordered by active agriculture fields. Outlets into intermittent stream.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.01 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agriculture/Successional scrub shrub Distance to nearest roadway or other development 0.10 mile

Dominant wetland systems present PSS 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? Northwest Headwaters Oneida Creek

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

Wetland I.D. 66-W019













Latitude 42.96550147 Longitude -75.75348257

Prepared by: RS Date 12/29/23

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 | 5, 15 | X | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | | | |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland borders an intermittent stream.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.04 acre 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 360 feet

Dominant wetland systems present PSS 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? Northwest Headwaters Oneida Creek

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

Wetland I.D. 66-W020













Latitude 42.96501435 Longitude -75.75389081

Prepared by: RS Date 12/29/23

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 | 5,7,13 | X | Fragipan does not occur in this wetland. Signs of ground water discharge were observed. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | N | | | |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | Y | 6,7,12,15 | | This wetland contains dense scrub-shrub & emergent vegetation that can stabilize stream banks. |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: Hill side seep is a portion of a larger complex.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 4.43 acres Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Residential/Scrub Shrub Distance to nearest roadway or other development 12 feet

Dominant wetland systems present PEM/PSS 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? North Headwaters Chittenango Creek

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

Wetland I.D. 93-W001













Latitude 42.94662812 Longitude -75.75347215

Prepared by: RS Date 1/2/24

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, 13, 15 | | Fragipan does not occur in this wetland. Groundwater discharge present in wetland |
|  Floodflow Alteration | Y | 5, 6, 8, 9, 10, 11, 13, 14, 18 | X | Low spot in landscape, adjacent fields and roadway drain into wetland. Occurs in relatively flat area, retains overland flow from surrounding agricultural fields |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 2, 4, 5, 9, 10, 11, 13, 14, 15 | X | Wetland has high potential to absorb sediments and toxicants from surrounding agricultural lands and roads |
|  Nutrient Removal | Y | 3, 4, 8, 9, 12, 13, 14 | | Dense, herbaceous vegetation transitions to PSS |
|  Production Export | Y | 7, 8 | | Dense vegetation is prominent in wetland complex |
|  Sediment/Shoreline Stabilization | Y | 2, 3, 4, 14, 15 | | Wetland complex contains an abundance of emergent vegetation that can stabilize sediment |
|  Wildlife Habitat | Y | 5, 7, 8, 13, 14, 15 | | Plenty of dense vegetation provides cover for species, food sources occur within and adjacent to wetland, and multiple habitats occur |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland occurs adjacent to a roadway and is capturing water and draining it into this wetland via culvert from the north. This wetland also has an intermittent stream diffusing into the southern portion of the wetland. This wetland is associated with Chittenango Creek.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.12 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Forested Distance to nearest roadway or other development 660 feet

Dominant wetland systems present 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? Southwest Headwaters Oneida Creek

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

Wetland I.D. 93-W002













Latitude 42.92058184 Longitude -75.63748255

Prepared by: RS Date 1/2/24

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 | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | Y | 1, 3, 5, 8, 9, 13, 18 | X | This wetland has dense vegetation that can retain large amounts of water. Collects and able to store overland water flow from adjacent uplands |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 4, 9, 16 | | Receives sediment-laden runoff from adjacent upland areas |
|  Nutrient Removal | Y | 1, 4 | | An abundance of wetland vegetation and mineral soils provide potential for nutrient removal |
|  Production Export | Y | 7, 8, 14 | | Dense vegetation is prominent in wetland complex |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | Y | 1, 5, 13, 14, 15, 17 | X | Wetland complex found within a mixed habitat upland that provides ample food for wildlife |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland continues south outside of Study Area as an NWI mapped PFO complex, PFO4E. Watercourses flow into the PFO complex outside of the Study Area. * Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.70 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agriculture/Residential Distance to nearest roadway or other development 46 feet

Dominant wetland systems present PEM/ 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? North Callahan Brook-Chenango River

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

Wetland I.D. 93-W003













Latitude 42.922703 Longitude -75.687106

Prepared by: RS Date 1/2/24

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, 15 | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | Y | 5, 6, 7, 8, 18 | | Associated with drainage, with flood storage capacity |
|  Fish and Shellfish Habitat | Y | 3, 4, 8, 10, 17 | | A watercourse is associated with this wetland and it provides potential for fish habitat |
|  Sediment/Toxicant Retention | Y | 1,10,12 | | Potential sediments occurring in upland above wetland. Perennial stream flows through wetland and can carry sediments. |
|  Nutrient Removal | Y | 3 | | Overall potential for sediment trapping exists in wetland |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | 2,6,7,15 | X | Wetland complex contains an abundance of emergent vegetation that can stabilize sediment from surrounding agricultural fields. Serves as a floodplain wetland |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: Floodplain wetland in valley associated with perennial stream 93-ST005.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 2.76 acres Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Agriculture Distance to nearest roadway or other development 0.15 mile

Dominant wetland systems present PEM, POW 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? North Callahan Brook-Chenango River

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

Wetland I.D. 93-W004













Latitude 42.9335587 Longitude -75.7051781

Prepared by: RS Date 1/3/24

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, 15 | | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | Y | 1,2,3,6,7,8,9,14 | X | Associated with drainage, with flood storage capacity. Collects and able to store overland water flow from adjacent uplands. Flood water storage in open water component. Large wetland, part of larger complex |
|  Fish and Shellfish Habitat | Y | 3, 8, 10 | | Large, open water component in interior of wetland, potential for fish populations |
|  Sediment/Toxicant Retention | Y | 1,10 | | Potential sources of excess sediment occur above the wetland and can be carried into the wetland via intermittent stream. |
|  Nutrient Removal | Y | 12 | | Water flow through this wetland is diffuse. |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: Open water component is able to store excess water in high water conditions. PEM portion is flat and able to store excess water that is transported by intermittent stream. Dense vegetation throughout complex.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

Total area of wetland 0.03 acre Human made? No Is wetland part of a wildlife corridor? No or a "habitat island"? No

Adjacent land use Forest/Agriculture Distance to nearest roadway or other development 475.2 feet

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? Southwest Headwaters Oneida Creek

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

Wetland I.D. 93-W005













Latitude 42.94057655 Longitude -75.73392606

Prepared by: RS Date 1/3/24

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 | X | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels. |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | Y | 2, 4, 9 | X | Wetland has high potential to absorb sediments and toxicants from surrounding agricultural lands and roads |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This wetland is adjacent to roadway which could carry sediments/toxicants into the wetland, and supports dense herbaceous vegetation along a forested edge.

* Refer to backup list of numbered considerations.

Wetland Function-Value Evaluation Form

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

Adjacent land use Successional field Distance to nearest roadway or other development 0.18 mile

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? Southwest Headwaters Oneida Creek

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

Wetland I.D. 93-W006













Latitude 42.93943152 Longitude -75.73176315

Prepared by: RS Date 1/3/24

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 | X | Fragipan does not occur in this wetland. Wetland shows signs of variable water levels |
|  Floodflow Alteration | N | | | |
|  Fish and Shellfish Habitat | N | | | |
|  Sediment/Toxicant Retention | N | | | |
|  Nutrient Removal | N | | | |
|  Production Export | N | | | |
|  Sediment/Shoreline Stabilization | N | | | |
|  Wildlife Habitat | N | | | |
|  Recreation | N | | | |
|  Educational/Scientific Value | N | | | |
|  Uniqueness/Heritage | N | | | |
|  Visual Quality/Aesthetics | N | | | |
| ES Endangered Species Habitat | N | | | |
| Other | N | | | |

Notes: This man-made PEM bowl shaped depression has been excavated for property owner use.

* Refer to backup list of numbered considerations.