# **New York State Electric & Gas Corporation**

# **Jennison Transmission Solution Project**

# Exhibit 4

**Environmental Impacts** 

Part 1 of 9

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**Environmental Impacts** 

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## **EXHIBIT 4: ENVIRONMENTAL IMPACTS**

## 4.1 Introduction

This Exhibit summarizes potential environmental impacts associated with the Project.<sup>1</sup> The Project will be designed, constructed, maintained, and operated to avoid or minimize impacts to environmental resources in its vicinity. A combination of agency consultation, literature reviews, GIS analysis, and field investigations were conducted to assess the potential Project impacts to the following environment resource categories:

- Land Use
- Visual Resources
- Cultural Resources
- Terrestrial Ecology and Wetlands
- Wildlife
- Threatened and Endangered Species
- Topography and Soils
- Water Resources
- Noise
- EMF

This exhibit describes existing conditions; study methodologies; the anticipated impacts of the Project on environmental, visual, and socioeconomic resources; and appropriate measures to avoid impacts or to mitigate unavoidable impacts.

<sup>&</sup>lt;sup>1</sup> For clarity and consistency, the Application includes a Master Glossary of Terms that defines terms and acronyms used throughout the Application.

# 4.1.1 Potential Impact-Producing Construction Activities

Construction of the Project will entail several distinct activities that are expected to progress in a linear and orderly manner from one point to another along the entire length of the Project ROW. The overall construction schedule will be based on outage constraints and the corresponding sequencing of construction activities aimed at maximizing work efficiency and minimizing environmental impacts and disturbance. The general construction activities that will occur are described in the following subsections.

# **4.1.1.1** Clearing

Trees and shrubs within the Project Area will be mowed or cleared, as necessary, to provide unimpeded and safe access to proposed structure work sites. In addition, danger trees will be side trimmed or removed. Shrubs and low-growing vegetation, as well as buffers at streams or in visually sensitive areas, may be maintained if they do not interfere with the construction activities or operational integrity of the Facility. Because the Project will predominately be located within Existing ROW, it has been designed to avoid steep slopes and heavily timbered areas. Shrubs and low-growing vegetation, as well as buffers at streams or in visually sensitive areas, may be maintained if they do not interfere with the construction activities or operation integrity of the Project.

The Existing ROW has been maintained by NYSEG in accordance with its Transmission Vegetation Management Plan adopted by the New York State Public Service Commission pursuant to 16 NYCRR Part 84, as same may be amended from time to time (ROW Management Plan) and has well-established herbaceous and shrub communities. The ROW Management Plan was formulated to consider soil stability, protection of natural vegetation, and the protection of adjacent resources (including any natural habitat for wildlife). Upon Project construction completion, the New ROW will be maintained under the ROW Management Plan, which may be amended as needed, to allow the same herbaceous and shrub cover type that occurs on the Existing ROW.

The vegetation management activities necessary for the Project are not anticipated to cause a significant overall change or have a noticeable overall effect on the vegetative communities presently occurring along the Existing ROW. The specific vegetation management techniques and

slash disposal techniques to be used for the Project will be implemented using practices detailed in the ROW Management Plan and will be prescribed on a site-by-site basis in the EM&CP, to be developed specifically for the construction of the Project.

No herbicide/pesticide treatment is proposed during construction of the Project. Herbicide/pesticide may be utilized for routine maintenance of the New ROW. The types, volumes and manner of use of such pesticides and herbicides for maintenance purposes will be in accordance with the ROW Management Plan. The ROW Management Plan requires that the handling and application of herbicides be performed in accordance with NYSEG specifications and all applicable state and federal regulations. NYSEG will ensure that all herbicide applicators are appropriately certified and provided with the appropriate work specifications and instructions. All herbicide applications on the New ROW will be performed under the on-site supervision of a New York State Certified Pesticide Applicator. Upon application, reasonable efforts will be made to inform persons who may be expected to enter areas treated with herbicides.

#### 4.1.1.2 Access Roads

Existing access roads or paths in the Project ROW will be utilized wherever possible and will be improved, as required, to provide safe and effective equipment access to each structure location. In some limited cases, it may become necessary to work with adjacent landowners to secure permission for off-site access to support Project construction activities.

Significant environmental impacts to vegetation, water, and soil resources will be avoided to the extent possible by using existing access roads or paths and by properly locating any new access roads that may be required. The use of existing access roads or paths and the siting of new access roads will be based on factors such as: the avoidance of environmentally sensitive features (e.g., wetlands and active agricultural fields); facilitation of future maintenance work; minimization of potential erosion problems; and maximization of the use of existing roadways and cleared Existing ROWs.

Where site conditions, such as streams and wetlands, present a concern on the Project ROW, offsite access will be considered to avoid or minimize impacts. Permission for off-site access will be obtained from landowners if existing rights do not already provide for such access. If it becomes necessary to cross environmentally sensitive areas, protection and mitigation measures such as the use of low ground pressure or tracked equipment and equipment mats, will be implemented in accordance with the EM&CP.

Stream crossings will be installed in accordance with NYSDEC's Standard Specifications for Temporary Access Waterway Crossing, unless otherwise noted in the EM&CP. In addition, areas disturbed during construction will be restored and stabilized, and all temporary protection measures will be removed following the completion of construction.

The details for the construction of new access roads, the use or improvement of existing roads, and the application of erosion and sediment control measures will be provided on a site-by-site basis in the EM&CP. Erosion and sediment control measures will be designed to maintain and protect soil and water resources both during and following construction activities. Factors considered when selecting the appropriate erosion and sediment control measures include, but are not limited to, the following: timing of construction; accessibility; movement and frequency of construction traffic within the Project ROW; wetland and stream crossings; type and limitations of heavy equipment; and the creation, stabilization and future maintenance of access roads (e.g., cut and fill, water bar, bridge, and culvert installation). During Project operation, similar erosion and control measures may be employed during maintenance activities. Typically, access used for the construction of the Project will also be used to facilitate future maintenance activities.

## 4.1.1.3 Laydown Yards

Prior to construction, it will be necessary to establish areas that will serve as locations for construction-related facilities such as:

- Office trailers;
- Personnel parking and portable sanitary facilities;
- Material, equipment and vehicle storage; and
- Minor equipment and vehicle maintenance.

These areas, referred to as laydown yards, will be strategically placed at selected locations along or proximate to the Project ROW. These sites will normally be adjacent to existing public roads where material deliveries can be efficiently conducted. These areas will be located to avoid

environmentally sensitive features including wetlands, known archaeological sites, and habitats that support rare, threatened, and endangered plants and animals.

An approximately 1.9-acre area located just north of the Proposed Jennison Substation will be used as a laydown area during construction. Other project-specific laydown areas may be identified during EM&CP development. These areas will be of sufficient size to accommodate the materials to be delivered and will serve as a storage yard for materials such as poles, hardware, and conductors delivered from outside the region.

Arrangements may be made with landowners to use locally available and developed commercial properties, thereby minimizing the amount of site preparation and improvement work that would be needed to use an undeveloped site. If such properties or sites are not available, the establishment of these areas could require vegetation clearing; removal and stockpiling of topsoil; site grading; spreading of gravel cover; fencing; lighting, and installation of signage and temporary utilities. Additional vegetation clearing and grading for site access also may be required. After completion of construction, the marshaling yards and staging areas will be restored to conditions comparable to those that existed before construction, unless an affected landowner desires otherwise.

# 4.1.1.4 Construction and Upland Structure Installation<sup>2</sup>

The primary construction activities at each new structure location will be foundation installation, structure fabrication, and structure erection. The steel monopole structures constructed as part of the Project will either be direct embedded or will utilize a concrete caisson foundation, the determination of which will be made during detailed engineering. These major activities, as well as all other minor activities associated with the erection of each structure, will take place within the Project ROW and other work areas specifically designated in the EM&CP.

The placement of transmission line structures in stream and wetland areas and on steep slopes will be avoided where possible. Transmission line structures will not be placed within locations supporting rare plants, where feasible. Advance planning will assure that tree cutting and brush disposal are properly conducted; equipment operation and construction activities are limited to

<sup>&</sup>lt;sup>2</sup> No portion of the Facility is proposed to be constructed underground. See Exhibit E-3.

designated areas; the appropriate erosion control measures are applied; and tree marking and selective cutting in the natural vegetative buffers precede structure placement.

## 4.1.1.5 Structure Installation in Wetland Areas

Structure locations will avoid wetland areas to the extent practicable. When it is necessary to locate a structure within a wetland, special construction methods and environmental procedures will be used to minimize adverse effects and protect the wetland's individual functions. Wetlands will be individually reviewed to determine the best method of access to each structure and to prescribe the appropriate mitigation measures, such as the use of equipment mats, to minimize impacts.

Typically, temporary equipment mats will be utilized for access and work pads for structures that will be installed in wetlands. Equipment mats minimize ruts, soil compaction, as well as erosion and sedimentation displacement. Additionally, the mats provide a level, stable work area to set up and operate the equipment necessary for the installation and erection of the steel pole structures. After the area has been prepared, work will begin with excavating holes for the new pole structure using an auger or an excavator. In wetland areas, topsoil will be segregated from subsoil and stockpiled on construction matting or geo-textile fabric.

The steel monopoles will be installed by excavating a narrow hole. Segregated subsoil will be stockpiled adjacent to the excavation. After excavating a narrow hole, a corrugated "grounding" culvert will be lowered into the excavation with a crane or excavator and the area around the culvert will be backfilled with the excavated subsoil, as necessary. The steel pole will then be lowered into the culvert and crushed stone will be backfilled between the pole and the vertical culvert.

The work area will be graded to approximate pre-construction conditions. Segregated wetland topsoil will be placed over the grounding culvert and allowed to re-vegetate with wetland vegetation. Excess soil will be transferred to an upland area in the Project ROW or to an approved offsite disposal location.

Details regarding the size and location of each work area as well as the mitigation measures that will be used to minimize impacts on the wetland will be provided in the EM&CP.

### 4.1.1.6 Direct Embedded Structure Installation

The Project's steel pole structures will be installed by directly embedding the structures into the ground or by placing them in corrugated "grounding" culverts as described in section 4.1.1.5 - Structure Installation in Wetland Areas. Typically, no concrete will be required for a directly embedded tangent structure. Foundation backfill may be native earth, if suitable, or crushed stone. Excess soil will be spread in appropriate upland areas within the Project Area, if permissible, and seeded and mulched to prevent erosion. If soil redistribution within the Project Area is not possible, it will be removed from the Project Area in compliance with applicable regulations.

Foundation design for dead-end and angle structures will consider site-specific soil bearing capacities and subsurface conditions through individual boring investigations at those locations. Where needed, steel angle or dead-end structures will be self-supporting and will require reinforced concrete (drilled caisson) foundations. Specific foundation requirements will be determined through geotechnical analysis conducted as part of the detailed design phase.

## 4.1.1.7 Concrete Foundation and Structure Installation

Use of concrete caisson foundations for steel pole structures will be determined during the detailed design phase. Concrete caisson foundations will include installation of an anchor bolt assembly to support the structure. The concrete foundation construction typically involves the excavation of an 8- to 12-foot-diameter hole to accommodate a 6- to 10-foot-diameter foundation. Holes are typically excavated to a depth of 20 to 40 feet. Foundations may be excavated with a large drilling machine, a tire-mounted backhoe, crane-mounted vibratory hammer, or track excavator. Erosion and sediment control measures will be prescribed in the EM&CP, to prevent runoff from reaching areas adjacent to the Project Area.

Where concrete foundations must be installed in wetlands, excavated topsoil and subsoil will be segregated and temporarily stockpiled on construction matting or geo-textile fabric, and a culvert form will be placed into the excavated hole. Native soil backfill will be placed around the foundation and the segregated topsoil will be spread over the disturbed areas and mulched.

Excess soil will be spread in appropriate upland areas within the Project Area, if permissible, and seeded and mulched to prevent erosion. If soil redistribution within the Project Area is not possible, it will be removed from the Project Area in compliance with applicable regulations.

If the initial excavation or pouring concrete into the caisson form will result in a discharge of water, specific dewatering procedures will be used. Water will be pumped from the excavation area into a containment area situated upland, as feasible. The containment area will be constructed of straw bales and geo-textile fabric and will be consistent with the EM&CP erosion and sediment control criteria. The water will then be allowed to infiltrate back into the ground or filter through and/or overtop the straw bale dike.

After the concrete has been poured and cured and the steel structures have been set, disturbed areas will be finish-graded, seeded appropriately for summer or winter conditions, and mulched. In wetland areas where grades can cause erosion, annual rye seed will be spread over disturbed soils to provide rapid germination of vegetation.

# 4.1.1.8 Conductor Stringing

After the structures are erected, insulators will be installed, and conductor and lightning wire protection (shield wire) will be strung using a lead line and puller/tensioner machine. Lead lines can be walked through sensitive areas, such as wetlands and vegetative buffer zones, with minimum disruption. Conductors will be pulled through stringing blocks by the tensioning equipment staged at appropriate structure locations. During conductor stringing, temporary guard structures will be placed at all highways, railroads, trails, and near existing utility lines to ensure public safety and the continued operation of other utility equipment.

Conductor stringing sites will be designated in the EM&CP at selected locations within the Project Area. Such sites will involve set-up and operation of mechanized pulling equipment and conductor reels. Wetlands and other sensitive environmental sites will be avoided where possible in locating such sites. If they cannot be avoided, temporary equipment mats or other appropriate protective measures will be implemented, as specified in the EM&CP.

# 4.1.1.9 Clean-up and Restoration

Clean-up and restoration activities will be conducted, as required, following construction. Sites requiring restoration resulting from the construction work will be identified and the appropriate restoration measures applied in accordance with the EM&CP. This work may include re-grading, repair of stream banks, temporary and permanent seeding and mulching for erosion control, and

selective tree and shrub plantings. All permanent seeding and planting work will be conducted during the growing season.

## 4.2 Land Use

This section summarizes existing land uses and land cover in the Project Area. As further discussed below, since the Project will primarily utilize Existing ROW, it will preserve the natural landscape and minimize conflict with present or future planned land use to the maximum extent practicable.

# 4.2.1 Existing Land Uses

Proposed Line 734 starts at the existing East Norwich Substation in the Town of Norwich. Current land use adjacent to the Substation includes developed residential land, agricultural fields, and forests. From the East Norwich Substation, Proposed Line 734 travels in a south-southeasterly direction approximately 6.7 miles along existing NYSEG ROW to the future North Pond Substation. Land use adjacent to the New and Existing ROW includes agricultural fields, forest, and developed commercial and residential land.

Proposed Line 946 starts at the future North Pond Substation in the Town of Guilford. Current land use adjacent to the future substation includes undeveloped forests, Existing ROW, roadways, and commercial property. From the North Pond Substation, Proposed Line 946 travels in a and then south-southwest direction approximately 14.7 miles along the primarily Existing ROW to the Proposed Jennison Substation in the Town of Bainbridge. Land use adjacent to the Proposed Jennison Substation includes agricultural fields, forest, and developed commercial and residential land. Land use adjacent to the New and Existing ROW includes agricultural fields, forest, and developed commercial/industrial and residential land.

Proposed Line 949 starts at the Proposed Jennison Substation and continues in an easterly primarily within the Existing ROW for approximately 25.4 miles to the Eastern Terminus outside of the Fraser Substation in the Town of Delhi. Land use adjacent to the New and Existing ROW includes undeveloped forests, agricultural fields, and developed commercial and residential land.

The proposed reroutes (Proposed Lines 756, 919, 954, 943, 818, and 823) will require construction of Greenfield ROW between the Existing Jennison Substation to the Proposed Jennison Substation, which will total approximately 2.1 miles. Land use adjacent to the New and Existing ROW includes undeveloped forests, agricultural fields, and developed commercial and residential land.

Table 4-1 (attached) quantifies the lengths of Project ROW within each type of land use, by property classification code based on Office of Real Property Tax Services classifications and county tax parcel information.

Additional resources used to determine existing land uses within the Project Area include:

- Field reconnaissance surveys performed in 2022 and 2023;
- Google Earth satellite/aerial imagery, updated in 2022;
- USGS 1:24,000 topographic quadrangle maps (USGS, 2024); and
- NYSDOT planimetric maps.

# 4.2.2 New York State Open Space Conservation Plan, New York CLCPA

The New York State Open Space Conservation Plan (2016) contains comprehensive recommendations to help local governments and non-profit organizations undertake open space land use planning at regional and community levels.

New York State's open space conservation goals as listed in the 2016 Plan include:

- Protect state water quality;
- Provide accessible, quality, outdoor recreation;
- Protect habitat for the diversity of plant and animal species;
- Improve quality of life and overall health in our communities;
- Maintain critical natural resource-based industries:
- Address global climate change through forest, wetland, and riparian area stewardship, ecosystem protection, urban and community forestry, and community planning;

- Provide places for education and research relating to ecological, environmental and cultural resources; and
- Protect and enhance scenic, historic, and cultural resources.

The 2016 Plan divides New York State into nine regions. The Project is located within Regions 4 and 7: Catskill/Delaware and Central New York. The 2016 Plan includes a list of 132 regional priority conservation projects across the State, one of which is the Susquehanna River Valley Corridor which the Project crosses at two locations. Since the Project follows the Existing ROW at this location, there will be no increased development outside of the ROW and construction BMPs will be followed to ensure minimal impact on the Susquehanna River.

The Project will be in conformance with, and not affect the goals of, the 2016 Plan.

The Climate Leadership and Community Protection Act (2019) requires that the State (i) reduce greenhouse gas emissions to 40% below 1990 levels by 2030 and to 85% below 1990 levels by 2050, and (ii) obtain 70% of all the State's electricity from renewable sources by 2030 and achieve 100% zero emissions generation by 2040. The Project is a direct result of an Initial Report on the New York Power Grid Study (2021), prepared in furtherance of the State's pursuit of the above CLCPA goals, which concluded that the Applicant's electric transmission lines and substations require upgrades to improve reliability and performance. Accordingly, the Project directly supports the goals of the CLCPA.

## 4.2.3 Local Land Use Planning and Policies

A review of the available local planning documents confirms that Project activities are consistent with relevant municipal long-term land use goals.

## 4.2.3.1 Town of Franklin- Comprehensive Plan 2006

The Town of Franklin's *Comprehensive Plan* was adopted in October 2006 with the goal to "protect farmland, revitalize existing hamlet centers, preserve scenic and natural resources, conserve historic resources, and enhance economic opportunities for area residents".

A portion of the Town of Franklin is also within Delaware Agricultural District 2. Figure 4-1 (Agricultural Districts) details farmlands adjacent to the Project Area. Measures will be taken to

minimize disturbance to farmlands resulting from construction. The Project will not interfere with the goals and objectives outlined in the Town of Franklin's *Comprehensive Plan*.

# 4.2.3.2 Town of Sidney – Comprehensive Action Plan 2002

The Town of Sidney's *Comprehensive Action Plan* adopted September 2002 presents a plan to improve the economic development and quality of life in the town. The plan includes a Land Use and Zoning Vision, which strives for the "orderly development of its land as suitable for commercial, residential, agricultural, recreational, and open space uses; ensure that land development is conducted in a manner that will protect natural and physical resources and the environment; and will promote land use that furthers the quality of life and economic prosperity of the Sidney area." The Vision identifies the preservation of the Town's rural character and farmlands as a key concern of the residents.

A portion of the Town of Sidney is also within Delaware Agricultural District 12. Figure 4-1 details agricultural district designations within and adjacent to the Project Area. Measures will be taken to minimize disturbance to farmlands resulting from Project construction and operation. The Project will not interfere with the goals and objectives outlined in the Town of Sidney's *Comprehensive Action Plan*.

## 4.2.3.3 Town of Guilford – 2014 Comprehensive Plan

The Town of Guilford's *Comprehensive Plan* was adopted in 2014 to identify goals and establish a framework for local decision making regarding future public and private investments in the Town. The *Comprehensive Plan* identifies policy objectives in the areas of agriculture, economic prosperity, individual freedoms, environmental health and community character, recreational opportunities, community, and government.

Support for agricultural economy and the preservation of the Town's natural resources and rural character are key objectives. A portion of the Town of Guilford is also within Chenango Agricultural District 1. Figure 4-1 details agricultural district designations of parcels within and adjacent to the Project Area. Measures will be taken to minimize disturbance to farmlands resulting from construction. The Project will not interfere with the goals and objectives outlined in the Town of Guilford's *Comprehensive Plan*.

# 4.2.3.4 Towns of Norwich, Bainbridge, and Hamden

The Towns of Norwich, Bainbridge, and Hamden do not appear to have a Comprehensive Plan or similar policy in place.

# 4.2.4 Floodplains

FEMA resources were reviewed in relation to the Project for the following zones:

- Regulatory Floodway
- SFHA (100-year floodplain)
- 0.2 percent Annual Chance Flood Hazard Area (500-year floodplain)

FEMA FIRMs show flood risk information based on historic, meteorological, hydrologic, and hydraulic data, as well as open-space conditions, flood control works, and development (FEMA, 2023). Figure 4-2 (FEMA Floodplains) depicts the Regulatory Floodways as well as the 100-year and 500-year floodplain locations within the Project Area.

According to FEMA's published FIRM for each community, the Project traverses Regulatory Floodways in two locations. These Regulatory Floodway crossings include the Susquehanna River in the Town of Bainbridge, and East Brook in the Town of Hamden.

According to FEMA's published FIRM for each community, the Project ROW traverses the SFHA at seven locations).

The Project ROW also traverses numerous areas determined to be within the 500-year floodplain.

The Project is not anticipated to have an adverse impact on the floodplains. The new structures will have a minimal footprint, will not appreciably change the ground or floodwater elevation, and will be designed in accordance with any applicable substantive flood zone requirements.

# 4.2.5 Agricultural Districts

The CRIS Agricultural Districts mapping program was reviewed to determine if the Project traverses any portion of a certified Agricultural District (Cornell Institute for Research Information Sciences, 2023). Agricultural Districts in Delaware and Chenango Counties are shown on

Figure 4-1 (Agricultural Districts). The Project traverses Delaware County Agricultural District Nos. 2 and 12 and Chenango County Agricultural District No. 1 in several locations. Minimal impacts are anticipated, as the Project is proposed primarily within Existing ROW and best management practices (such as avoiding the use of guy lines in active agricultural fields) will be implemented during construction and restoration.

# 4.2.6 Potential Environmental Justice Areas and Disadvantaged Communities

In accordance with the environmental justice goals that are integral to the CLCPA, this section summarizes PEJAs and DACs identified within 3 miles of the Project. PEJAs are identified using self-identification metrics of census blocks that consider themselves to be members of minority groups and/or have household incomes below the federal poverty level. DACs are identified by using a score of 45 key indicators that represent the environmental burdens or climate change risks within a community, or population characteristics and health vulnerabilities that can contribute to more severe adverse effects of climate change. The top 35% of assessed communities are considered DACs.

NYSDEC PEJA mapping shown in Figure 4-3 identified seven PEJAs within 3 miles of the Project, two of which are intersected by the Project (NYSDEC 2020a). NYSERDA DAC mapping shown in Figure 4-3 identified three DAC census blocks within 3 miles of the Project, one of which (the Town of Sidney) is intersected by the Project (NYSERDA 2024).

The Project is being proposed to support the CLCPA's renewable energy goals by providing upgraded electric transmission infrastructure that will allow renewable energy to be safely and reliably transported to load centers throughout the State. The Project will support increased employment opportunities and new industry resulting from the increased demand and capacity for renewable energy infrastructure. The Project also minimizes impact to the nearby PEJA communities and DACs since it proposes upgrading existing transmission lines primarily within Existing ROW. The Project's operation will not result in the production of greenhouse gas or copollutant emissions, and thus, will not disproportionately burden DACs and, since it will further the State's CLCPA renewable energy goals, it will help to reduce overall greenhouse gas emissions in the State. As such, the Project is anticipated to positively impact PEJA communities and DACs.

# 4.2.7 Land Use Impacts and Mitigation

The Applicant does not anticipate any significant overall changes to existing land uses and their associated environmental resources. The Project Area was selected to avoid and minimize, to the greatest extent possible, impacts to land use, predominantly by locating Project facilities within Existing ROW or transportation corridors throughout its length. The Project is consistent with the 2016 NYS Open Space Plan and the CLCPA, as well as with local land use planning goals and policies, due to the minimal impact of primarily utilizing such corridors and Existing ROW.

The Project would not have any adverse impacts on the floodplain due to the minimal footprint of the proposed pole structures. The new structures will not appreciably change the corresponding land or flood elevation and will be designed in accordance with any applicable substantive flood zone requirements.

The Project traverses a minor area of active agricultural lands within three designated New York Agricultural Districts. During construction, agricultural operations may be temporarily disrupted within the Project Area. The Applicant will adhere to applicable protective methods set forth in the NYS Department of Agriculture and Markets "Guidelines for Electric Transmission Right-of-Way Projects." These methods include the use of equipment mats where practical, and the removal and stockpiling and replacement of topsoil after construction. Guy lines will not be used in active agricultural fields. If rutting occurs within agricultural fields, the applicable Project Area will be graded and restored to the farm operator's satisfaction following construction. Restoration measures may include rehabilitation of drain tiles in fields, deep tilling of heavily compacted areas, and thorough removal of all construction debris. The Applicant will consult with the agricultural property owners to optimize placement of structures to potentially reduce impacts from what currently exists.

The Project preserves the natural landscape and minimizes conflict with any present or future planned land use.

### 4.3 Visual Resources

This section examines the visual and aesthetic impacts on scenic, recreational, and historical areas from the construction and operation of the Project; it identifies and examines the visual resources and the visual qualities of the landscape study area within a three-mile radius of the Project.

# 4.3.1 Existing Landscape Quality

There are limited visual and recreational resources in proximity to the Project. The Project is located approximately 0.2 mile east of the Village of Norwich, 0.7 mile southeast and east of the Village of Bainbridge, and 0.6 mile south and 0.3 mile northwest of the Village of Sidney. Outside of these municipalities, the study area is rural in nature, primarily consisting of agricultural uses (pasture and cultivated crops), forested lands or wooded wetlands, and other open lands and rural residential uses (e.g., hamlets, roadside dwellings).

# 4.3.2 Visual Resource Inventory of Historic Areas, Parks, and Preserves

Visual resources are landscape areas and features that are significant because of either their inherent visual quality or cultural importance, including: naturally occurring landscapes, natural features, designated recreational and scenic areas, and landscapes that demonstrate historical significance.

The NYSDEC's Program Policy, Assessing and Mitigating Visual Impacts – DEP-00-2 (NYSDEC, 2019), identifies 16 categories of aesthetic resources of statewide significance which have been recognized through either national or state designations. These 16 categories were inventoried within a three-mile radius of the Project:

- A historic resource listed or eligible for inclusion in the State or National Register of Historic Places (NRHP);
- 2. State Parks (Parks, Recreation and Historic Preservation Law 3.09);
- 3. New York State Heritage Areas (Parks, Recreation and Historic Preservation Law Section 35.15);
- 4. The State Forest Preserve (New York State Constitution Article XIV)

- National Wildlife Refuges (16 United States Code [U.S.C.] 668dd), and State Game Refuges (Environmental Conservation Law [ECL] 11-2015);
- 6. National Natural Landmarks (36 Code of Federal Regulations [CFR] Part 62);
- 7. The National Park System (NPS), Recreation Areas, Seashores, Forests (16. U.S.C. 1c);
- 8. Rivers designated as National or State Wild, Scenic or Recreational (16 U.S.C. Chapter 28, ECL 15-2701 et seq);
- A site, area, lake, reservoir or highway designated or eligible for designation as scenic, including New York State Scenic Byways (ECL Article 49 Title 1) or NYSDOT equivalent);
- 10. Scenic Areas of Statewide Significance (Article 42 of Executive Law);
- 11. A state or federally designated trail, or one proposed for designation (16 U.S.C. Chapter 27 or equivalent);
- 12. Adirondack Park Scenic Vistas (Adirondack Park Land Use and Development Map);
- 13. State Nature and Historic Preserve Areas (Section 4 of Article XIV of the State Constitution);
- 14. Palisades Park (Palisades Interstate Park Commission);
- 15. Bond Act Properties purchased under Exceptional Scenic Beauty Quality (ECL Article 51, 52 and 56); or
- 16. National Heritage Areas.

Of the 16 categories of visual resources, Historic Resources, State Forest Preserves, and State or federally designated trails were the only categories of resources identified within the Study Area. In addition to these resource categories, local resources include:

- 1. Local parks or other significant recreation lands (e.g., village, city, county);
- 2. Trails (e.g., hiking, snowmobiling, "rails-to-trails");

- 3. Community centers (e.g., village or city);
- 4. Areas dedicated to the preservation of natural features (e.g., wildlife management areas);
- 5. High volume Average Annual Daily Traffic (AADT) roads of importance; and
- 6. Schools.

In total, 213 visually sensitive resources were identified within 3 miles of the Project Area. A table summarizing these resources can be found in the JTS Visual Impact Analysis Report (Stantec 2024a) submitted separately from the Application.

# 4.3.2.2 Aesthetic Resources of Statewide Significance

Historic resources identified within the Project Area include properties of historic significance that are listed or eligible for listing on national or state registers of historic places. There were 16 listed sites and historic districts identified, and 115 sites eligible for listing under national or state historic registers. Of these, Schoolhouse No. 5 is within 1,000 feet the Project. Of note regarding the historic districts found within the City of Norwich, Villages of Bainbridge, Sidney, and Unadilla, there are multiple properties (listed and eligible) and other land uses (e.g., parks) that contribute to and are in included in the district. The East/West Parks (local parks) and the U.S. Post Office Building (NRHP-listed structure) are found within the boundaries of the Chenango County Courthouse District (Village of Norwich). The Guilford Elementary School Campus (local school) and the Jewell Family Homestead (NRHP-listed structure) are found within the boundaries of the Guilford Historic District.

Six State Forests/Forest Preserves were identified within the Project Area. Of these, the Oak Ridge State Forest, South Hill State Forest and Lyon Brook State Forest are nearest to the Project Area, being located approximately 0.3 mile south, 1.1 miles west, and 1.3 miles west of the Project, respectively.

Several scenic trails are in proximity to the Project Area. The Finger Lakes Trail is 11 feet (at the closest point) north of the Project and is over 1,000 miles in length, extending from the New York-Pennsylvania border (Allegheny State Park) Long Path/Summit of Slide Mountain in the Catskill Forest Preserve. The Chenango Greenway South and North River Trails are located 0.2 mile west

and 0.8 mile north of the Project, respectively. This eight-mile trail network is found along the Chenango River through the City of Norwich.

Other State recreational sites include several NYSDEC boat launch/water access areas in the Towns of Unadilla, Guilford, Norwich, and Sidney.

#### 4.3.2.3 Local Recreation Sites

There are 74 municipal and state recreation areas found within 3 miles of the Project (refer to Table 4-2, attached, and Figure 2-1). These local recreation areas include municipal parks and municipal and school playgrounds. The Project ROW does not traverse any municipal recreation facilities.

In addition, privately owned recreational areas, such as golf courses and sports complexes, are located within 3 miles of the Project (refer to Figure 2-1). The nearest golf course is approximately 0.5 mile from the Project ROW, in the Town of Sidney.

The visual impact of the Project to these sites will be minimal since the Facilities will be built primarily within and along Existing ROW containing existing transmission facilities, with limited Greenfield ROW required.

## 4.3.3 Visual Impacts and Mitigation

Potential visual impacts are greatest when incompatible landscape features or elements are added in a way that detracts from the overall setting or enjoyment of historic, scenic, and recreational resources. Potential visual impacts from the Project are minimized through the use of the Existing ROW and the rebuilding of existing transmission structures with minimal Greenfield ROW necessary. The Project's potential impacts on visual resources were evaluated and the results are summarized in the Jennison Transmission Solution Project Visual Impact Assessment Report (Stantec 2024a).

The potential visibility of the Project and its impact on surrounding areas are dependent on the visibility of the existing infrastructure and the nature and extent of the surrounding development. Generally, structures in the existing transmission corridors proposed to be utilized by the Project are part of a rural or residential setting. A replacement transmission line located in an Existing

ROW has less contrast and less visual impact compared to a new transmission line in an undeveloped area. The Project is proposed to be located primarily within and along Existing ROW, which contain existing transmission or distribution lines, for the majority of the Project length. Additionally, existing transmission and distribution structures are proposed to be removed and replaced with new structures. Proposed structures range from approximately 20 to 65 feet taller than the existing structures, which will result in an increase in visibility. However, the proposed monopole structures are slenderer than the existing H-frame structures and will require less space within the Existing ROW. Additionally, new weathering steel structures will assist with blending the structures into the background or existing vegetation, similar to the current structures. The Site of the Proposed Jennison Substation was also selected to minimize visual impact. The Proposed Jennison Substation is located on a vacant and partially forested parcel of land owned by the Applicant, and a preliminary visual assessment showed that the substation area was not visible from the adjacent roadways. Visual simulations of existing conditions compared to the proposed Project are provided in Figure 4-4 (Photographic Simulations).

# 4.3.4 Photographic Simulations

The digital simulations shown in Figure 4-4 were developed from the identification of visually sensitive resources, viewshed mapping, field verification, and set of viewpoints photographed. Eleven locations were identified that represent the general ranges of viewer sensitivities, landscapes, and land uses. These are locations/viewpoints that:

- Provide open, representative views toward the Project from different directions throughout the study area;
- Represent inventoried aesthetic resources within the study area (if appropriate);
- Illustrate open views of the Project that may be available to representative viewer/user groups within the study area; and
- Illustrate the range of visual effects that could result from the Project, including vegetation removal, view obstruction of Project components (e.g., filtered views), and extent of view.

Twelve visual simulations were completed illustrating the proposed Project in various settings. Three simulations were from locations found along NYS highway routes, eight were located along roadways near residential housing, and one is from Interstate 88. Four locations included visually sensitive resources. Based on the completion of the viewshed mapping, site visit, and the Visual Impact Assessment, it appears the greatest number of people would see the Project while traveling along NYS highways. There is also an increased possibility to view the Proposed structures from the Villages of Bainbridge and Sidney, where the topography is generally flat open lands along the Susquehanna River. The simulations show that there are existing transmission lines within the Existing ROW and that the Project will result in a similar view. The biggest viewshed change is likely to be that the existing wood H-frame structures will be replaced with taller, slender weathered steel monopoles.

Potential discrepancies between the visual simulation and the constructed product may occur due to design revisions, alignment adjustments, and variations between the model surface and 'real world' conditions.

### 4.4 Cultural Resources

Cultural resources include archaeological sites and objects, historic buildings and structures, and archaeological and historic districts. This section discusses known, previously recorded cultural resources in the Project Area, including the direct effect the Project may have on these resources.

## 4.4.1 Existing Setting

Prior to European colonial settlement in the mid-seventeenth century, the land that would become Delaware and Chenango Counties was home to various Indigenous groups (including the Oneida and the Mohawk), dating as far back as 13,000 years before present. Most of the existing transmission lines were constructed in the early 20<sup>th</sup> century. The current landscape surrounding the Project ROW is primarily agricultural fields, residential buildings and scattered commercial and industrial buildings.

# 4.4.2 Archaeological Sites

Consultation with the NYSHPO was initiated via the Cultural Resources Information System on June 14, 2023. In response, NYSHPO issued a formal letter on June 21, 2023, requesting a Phase IA archaeological survey and Phase IB testing recommendations for the Project (see Appendix A – Agency Correspondence). The Phase I Archaeological Survey report with the attached Appendix H: Archaeological Site Avoidance and Phase II Workplan was submitted to NYSHPO via CRIS website on February 9, 2024. NYSHPO reviewed the report and recommended Phase II surveys of sites that could not be avoided. The results of these reports (see EDR, 2024a/b) are summarized below.

Given the large scale of the Project, a research design consistent with the NYSHPO definition of elevated archaeological sensitivity was implemented. This research design included a GIS-based archaeological sensitivity model of the Project Area to provide a more refined assessment of where archaeological sites were likely to be present. The NYSHPO defines areas of elevated archaeological sensitivity as possessing one or more of the following criteria:

- Criterion 1: Within 100 meters of permanent water (rivers, streams, wetlands, ponds and lakes, and hydric soils) and on slopes equal to or less than 12%.
- Criterion 2: Within or near known archaeological sites.
- Criterion 3: Locations of standing or demolished historic structures.

The APE of the Project was approximately 279 acres. The GIS-based sensitivity model resulted in the identification of approximately 198 acres of elevated archaeological sensitivity within the Project Area. This acreage does not include areas that have been previously surveyed or areas that the NYSHPO has previously deemed as not sensitive, as no additional survey is expected to be required in those areas. Excluding these areas, approximately 43 acres of the APE was considered as having elevated archaeological sensitivity.

A Phase I archaeological survey was conducted within those portions of the APE categorized as possessing elevated archaeological sensitivity. Phase I archaeological survey methods consisted of shovel test pit excavations.

Fieldwork for the Phase I archaeological survey was conducted between August and December 2023. In total, personnel excavated 580 shovel test pits at 15-meter intervals in areas of elevated archaeological sensitivity and map-documented structure locations within the APE. For the purposes of organization, 133 survey areas were designated based on the nearest overhead utility structure location or Project component. The Phase I survey was conducted within the approximately 43 acres of the APE with elevated archaeological sensitivity, resulting in the identification of six archaeological sites, which included one historical mill dam site and five indigenous archaeological sites. The integrity of the sites has been moderately impacted by plowing and the construction of Existing Line 946. The results of the archaeological Phase IA survey and Phase IB testing are included in the Phase I Archaeological Survey Report (EDR 2024).

Of the six archaeological sites identified during the Phase I survey, five sites – 946.074-1, 946.075-1, 946.076-1, 946.092-1, and 946.095-1 – were unevaluated for their eligibility for inclusion in the S/NRHP. Avoidance of the sites is not feasible due to ROW constraints and engineering design; therefore, Phase II site examinations were conducted to evaluate their eligibility. The results of the Phase II study showed low to moderate density and relatively limited diversity of the archaeological deposits and no features within the APE of the sites. Based on these results, these sites are ineligible for listing on the S/NRHP and no further avoidance or archaeological investigation was recommended. Archaeological monitoring during ground disturbing activities was recommended, and timber matting will be used during construction throughout the APE outside of the excavation footprints of the transmission pole structures. The results of the archaeological Phase II testing are included in the Phase II Archaeological Investigations Report (EDR 2024).

The remaining mill dam site (946.017) was included in Appendix H: Archaeological Site Avoidance Plan of the Phase I report. However, upon review of the Phase I report, NYSHPO did not concur that the site was fully avoided and requested amendments to Appendix H and submittal as a standalone report (see EDR 2024c: Archaeological Avoidance Plan). The avoidance plan proposes use of an off-ROW access road approximately 500 feet east of the site. Timber matting will be used during construction and no ground disturbing activities will be conducted within the APE of the dam site.

NYSHPO issued a no-effect letter on July 4, 2024 for all sites identified in the Phase II report and concurred that none of the sites were eligible for S/NRHP listing (see Appendix A – Agency Correspondence).

If unanticipated archaeological resources are encountered during construction, the Project's Unanticipated Discovery Plan will include provisions to stop all work in the vicinity of the archaeological finds until those resources can be evaluated and documented by an archaeologist.

# 4.4.3 National Register of Historic Places

A preliminary desktop review of the New York State and National Register of Historic Places showed 1,200 historic properties that are listed or eligible for listing within 3 miles of the Project (see Table 4-3, attached, and Figure 2-1). There are 126 evaluated historic architectural properties within one mile of the Project. Of these properties, 11 are listed on the NRHP and 40 have been determined eligible for listing on the NRHP; one of the listed resources is also a contributing resource to the Chenango County Courthouse Historic District. Of the remaining 75 resources, 72 are contributing to Historic Districts. There are two resources within the Broad Street-Main Street Historic District that are individually eligible but are non-contributing to the district. There is one resource that is eligible but non-contributing to the Bainbridge Historic District. There are four Historic Districts within one mile of the Project. Of the 126 resources, 14 individual resources and portions of all four historic districts are within the APE.

A visual effects map was created for the Historic Structures Assessment Report (Stantec 2024b), along with tax parcel data research, to identify unrecorded resources which met the age criteria for survey. All newly identified resources within the APE were evaluated for potential NRHP eligibility. The survey evaluated 18 individual previously recorded resources, portions of four previously recorded historic districts, and 38 newly identified resources within the APE. Fourteen of the previously recorded resources were recommended to retain their NRHP eligibility, listing, or contributing resource status. Of the 38 newly identified resources, 11 were recommended as eligible or potentially eligible for NRHP listing.

A visual effects evaluation was conducted for the 18 previously recorded NRHP-listed and eligible resources and for the 11 newly recorded resources recommended as eligible or potentially eligible for listing. The visibility of the existing transmission line for the resources was low based on the visual effects of computer modeling. The modeling also indicated that overall, the visibility of the proposed structures would also be low for each resource and would not significantly change the resource's viewshed or compromise the integrity for which the resources were listed or eligible for listing in the NRHP. The results of this visual effects evaluation are included in the Jennison Transmission Solution Project Visual Impact Assessment Report (Stantec 2024a).

NYSHPO issued a no-effect letter on June 12, 2024 for all sites identified in the Historic Structures report and concurred that none of the sites were eligible for S/NRHP listing (see Appendix A – Agency Correspondence).

# 4.4.3.1 Cultural Impacts and Mitigation

Approximately 198 acres or 17% of the Project Area overlap buffer zones classified by the NYS SHPO as archaeologically sensitive. These buffer zones represent areas around archaeological sites that are recorded by SHPO. Because these areas are only based on proximity to documented sites, locations within these areas may not necessarily be archaeologically sensitive, and locations outside these areas may also be archaeologically sensitive. SHPO evaluates archaeological sensitivity based on a variety of environmental factors, including topography and hydrology, so these buffer areas are only preliminary and suggestive. As much of the Project is proposed within Existing ROW and transportation corridors, there is a low archaeological sensitivity for the Project.

Nevertheless, upon determination of a final alignment and during the development of the EM&CP, NYSEG will coordinate, as appropriate, with the OPRHP, which acts as the SHPO, to reduce, eliminate or mitigate impact, where applicable. These mitigation measures will be shown in the Project design drawings included in the EM&CP.

# 4.5 Terrestrial Ecology and Wetlands

This section summarizes the potential effects to ecological and wetland resources anticipated as a result of Project construction, operation, and maintenance activities. This section also identifies measures to avoid or minimize these potential impacts. An initial desktop analysis was performed for the Project using existing information from federal and state agency databases and state agency correspondence to ascertain the presence of biological and natural resources likely to occur in the vicinity of the Project (See Appendix A – Agency Correspondence).

Predominant vegetation communities were characterized during site visits by biologists according to the ecological classifications as described in *Ecological Communities of New York State* (Edinger et al., 2014).

The presence of potentially jurisdictional wetlands and other waters of the United States were determined based on a review of existing information from the USFWS NWI mapping (USFWS, 2023c), and NYSDEC Freshwater Wetland mapping (NYSDEC, 2024c).

The NWI wetland database identifies potential wetland areas based on interpretation of remotely sensed aerial imagery with limited field verification. NWI-mapped features may often coincide with state-regulated wetlands and surface water features. Current aerial imagery, the USGS National Hydrography Dataset (USGS, 2023), and the NRCS Soil Survey for Delaware and Chenango Counties, New York (USDA-NRCS, 1973) were used to supplement the review of wetland maps to identify potential wetland areas.

# 4.5.1 Ecological Community Cover

The Project primarily runs within and along Existing ROW and transportation corridors. Several waterways, including the Susquehanna River, are crossed by the Project at various locations. Wetland communities, such as PEM and PSS wetlands, common reed marshes, and artificial ponds, are scattered throughout the Project Area. Upland communities, such as brushy cleared land, cropland/row crops, mowed land/mowed lawn with trees, mowed roadside, and paved road/path are commonly found throughout the Project Area. Table 4-4 (attached) provides a cumulative summary of ecological communities, as defined by Ecological Communities of New

York State (Edinger et al., 2014), within the Project ROW which is of varying width as shown on design plans in Exhibit 5.

# 4.5.2 Invasive Species

The presence of invasive plant species is a common occurrence along transmission line ROWs and other utility and transportation corridors. Field surveys were completed throughout the Existing ROW in October 2022 and May-July 2023 to identify and document areas where invasive plant species were prevalent.

Commonly observed invasive plant species within the Project ROW included Morrow's honeysuckle (*Lonicera morrowii*), multiflora rose (*Rosa multiflora*), reed canary grass (*Phalaris arundinacea*), autumn olive (*Elaeagnus umbellata*), garlic mustard (*Alliara petiolata*), mugwort (*Artemisia vulgaris*), and Canada thistle (*Cirsium arvense*). Less commonly observed invasive species included glossy buckthorn (*Frangula alnus*), Japanese knotweed (*Reynoutria japonica*), purple loosestrife (*Lythrum salicaria*), Tatarian honeysuckle (*Lonicera tatarica*), common reed (*Phragmites australis*), and Japanese barberry (*Berberis thunbergii*).

A total of 383 non-native invasive species occurrences were observed during the 2022-2023 baseline invasive plant surveys. Morrow's honeysuckle was the most observed species accounting for 40% (N = 150) of all observed occurrences. Multiflora rose, reed canary grass, and autumn olive were the next most common invasive plant species, with a combined average of 41% (N = 84, N = 39, N = 34, respectively) of all observed occurrences. All other invasive plant species had fewer than 80 observed occurrences. The occurrence and observed density of invasive plant species is shown on the Invasive Species Locations Maps. Representative photographs of the different species observed during surveys are included in the Invasive Species Report. Invasive species were found throughout the Existing ROW. Existing populations of invasive plants often are transported or spread through disturbance activities. An invasive species management and control plan will be developed during the EM&CP phase to prevent the spread of invasive species both within and from the Project ROW.

# 4.5.3 Terrestrial Ecology Impacts and Mitigation

Based on field review results of the Project ROW, the estimated acreage of wooded cover types that would potentially be removed as a result of the Project is approximately 142 acres. The longterm conversion of existing forested communities to managed grassland or shrubland may occur as a result of construction and maintenance of the Project. Work within the Project ROW will require the permanent removal of trees and other vegetation, while access road improvements and other construction activities will require the clearing of undesirable woody species and/or saplings. All tree clearing removal and forest conversion will be kept to the minimum width necessary to avoid vegetation interference during construction and operation and will be identified during final design and included in the EM&CP. No herbicides or pesticides will be used during the construction phase to clear unwanted vegetation. Mitigation measures such as the use of tracked equipment, low-ground-pressure equipment, and mats will be used in environmentally sensitive areas including streams and wetlands. Additionally, erosion and sediment control measures to maintain and protect soils and water resources will be determined for areas where soil disturbance occurs. The above measures, along with clearly demarcated work areas, will be used to protect vegetation and topsoil not cleared from damage due to Project construction and operation activities.

## 4.5.4 Wetlands

Federal and state agencies, including the NYSDEC and USACE, protect wetlands and other waters through regulation and permitting activities.

## 4.5.4.1 NYSDEC-Regulated Wetlands

Wetlands greater than 12.4 acres or wetlands of any size that possess unique qualities are regulated by NYSDEC pursuant to Environmental Conservation Law Article 24. Additionally, wetland adjacent areas, defined as those areas of land or water that are outside a formal wetland boundary but within 100 feet of the wetland boundary are also regulated by NYSDEC.

Wetlands shown on New York State's freshwater wetlands map are classified according to their ability to perform specific wetland functions and provide wetland benefits. Class I wetlands have the highest rank, and the ranking decreases from Classes II through IV. New York State assigns a cover class based on the cover type that constitutes at least 50% of the wetland area (NYSDEC, 2024c).

NYSDEC ERM freshwater wetland mapping indicates there is one state-regulated wetland within the Project Area (Wetland FR-7; see Figure 4-5) totaling approximately 1.9 acres within the Project ROW (NYSDEC, 2024c). A summary of NYSDEC-mapped streams within the Project area can be found in Table 4-5 (attached).

# 4.5.4.2 USACE-Mapped Wetlands

The USACE has regulatory jurisdiction over wetlands and other waters of the United States pursuant to Section 404 of the CWA. USFWS NWI maps were used to identify potential existing wetlands within the Project Area. NWI mapping employs the Cowardin classification system (1979) to classify wetland cover types. Many wetlands include more than one cover type, so a wetland is classified based on the most abundant cover type in the wetland. A wetland is assigned multiple cover types if each cover type encompasses 30% or more of an entire wetland complex. According to NWI mapping, the Project Area contains 36 lacustrine/palustrine/riverine wetlands totaling approximately 24.1 acres. See Figure 4-5 (USFWS NWI and NYSDEC Mapped Wetlands) for the location of the NWI-mapped wetlands.

#### 4.5.4.3 Delineated Wetlands

Field delineation of wetlands and streams took place in October 2022 and May-July 2023. Results of those investigations, contained in a Wetland Delineation Report, identified the presence of 145 wetlands occupying approximately 108 acres within Project ROW. Table 4-6 and 4-7 (attached) summarize the results of the individual wetlands and streams identified and Figure 4-6 (Delineated Wetlands and Streams) shows the locations of the delineated wetlands and streams.

# 4.5.4.4 Wetland Impacts and Mitigation

Potential effects to wetland resources may occur directly or indirectly during Project construction and operation. Mitigation strategies will be utilized to address short-term (temporary), and any possible permanent wetland impacts that could occur during construction. Sediment and erosion control methods will also be implemented, which may include silt fencing, use of equipment mats, and planting/seeding/mulching of exposed soils, to prevent soil erosion and sedimentation in nearby wetlands and surface waters due to runoff.

Wetland disturbance will be minimized by staging construction materials outside of wetlands and, whenever possible, utilizing equipment mats when moving equipment in wetlands. In addition, existing access roads will be utilized, whenever possible. When existing access roads are not an option, access roads will generally be temporary, and the area will be restored to pre-construction condition following completion of work in the area. All mitigation strategies, erosion and sediment control techniques, and temporary and permanent access roads will be identified during final design, and will be included in the EM&CP.

#### 4.6 Wildlife

The Project is in the Northeastern Forage and Forest Land Resource Region. The entire Project is within the Glaciated Allegheny Plateau and Catskill Major Land Resource Area (MLRA 140). The Project and its surrounding area consist of a mix of agriculture, hardwood and conifer forestland, and rural residential land uses. Elevations within the study area range from slightly less than 1,000 feet AMSL in the portions of the Project in Norwich and Sidney, to slightly above 2,000 feet AMSL on the eastern end of the Project.

Wildlife habitats in Chenango and Delaware Counties are largely associated with primary ecological communities including rural agricultural; suburban residential; upland forests; successional communities, and wetland/riparian areas. Table 4-8 (attached) summarizes the representative wildlife that can reasonably be expected to be found within the Project area.

### 4.6.1 Rural Agricultural Communities

Active farming in rural areas within the Project Area provides vegetative cover and food for a wide variety of native fauna including white-tailed deer (*Odocoileus virginianus*), wild turkey (*Meleagris gallopavo*), raccoon (*Procyon lotor*), and woodchuck (*Marmota monax*). Farm fields that are interconnected with brushy hedgerows serve as wildlife corridors for other species including the eastern gray squirrel (Sciurus carolinensis), eastern chipmunk (*Tamias striatus*), and eastern cottontail (*Sylvilagus floridanus*). Waste grain left within agricultural fields after harvesting provide a crucial winter food source for migratory waterfowl including the Canada goose (*Branta canadensis*) and mallard (*Anas platyrhynchos*).

# 4.6.2 Suburban Residential Developed Communities

Land use practices including residential developments and railroad, road, and utility corridor maintenance have extensively modified and/or fragmented existing wildlife habitats within the Project Area. Wildlife species composition and abundance within the Project Area varies based on factors such as habitat size and adjacent land cover. A greater diversity and number of animal species often reside in transition areas between different ecological communities, such as shrubby corridors between residential properties or the Project Area, or established forest. Amphibians and reptiles likely to occur in transition areas include the eastern American toad (*Anaxyrus americanus*), eastern garter snake (*Thamnophia sirtalis*), and eastern milk snake (*Lampropeltis triangulum*).

Birds commonly found in these types of habitats include red-winged blackbird (*Agelaius phoeniceus*), mourning dove (*Zenaida macroura*), rock dove (*Columba livia*), European starling (*Sturnus vulgaris*), and house sparrow (*Passer domesticus*).

# 4.6.3 Successional Upland Forest Communities

Upland forest communities within the Project Area provide habitat for wildlife species that favor forest edge conditions, such as the blue jay (*Cyanocitta cristata*), northern cardinal (*Cardinalis cardinalis*), American goldfinch (*Spinus tristis*), dark-eyed junco (*Junco hyemalis*), tufted titmouse (*Baeolophus bicolor*), black-capped chickadee (*Poecile atricapillus*), and several woodpecker species (hairy [*Leuconotopicus villosus*], downy [*Picoides pubescens*], and pileated [*Dryocopus pileatus*]). Some migratory shorebird species found in early successional, shrubby areas within the Project Area include the American woodcock (*Scolopax minor*). Other common birds such as the turkey vulture (*Cathartes aura*), wild turkey, and red-tailed hawk (*Buteo jamaicensis*) are likely present. Common mammals that utilize forested habitats and likely occur within the Project Area include the eastern gray squirrel, red squirrel (*Sciurus vulgaris*), eastern chipmunk, white-tailed deer (*Odocoileus virginianus*), raccoon, red fox (*Vulpes vulpes*), eastern coyote (*Canis latrans*), woodchuck (*Marmota monax*), little brown bat (*Myotis lucifugus*), and opossum (*Didelphis virginiana*).

### 4.6.4 Successional Communities

Successional community types, such as successional shrubland, provide nesting and escape cover for a variety of wildlife species. Various songbirds, such as the northern mockingbird (*Mimus polyglottos*), American goldfinch, northern cardinal, cedar waxwing (*Bombycilla cedrorum*), and white-throated sparrow (*Zonotrichia albicollis*), require low brushy vegetation for nesting, rearing young, and coverage for escape. Common mammals typically found in these types of brushy successional habitat include the white-tailed deer and eastern cottontail.

Raccoon (*Procyon lotor*) and striped skunk (*Mephitis mephitis*) are especially common in this type of successional forest, due to its proximity to wetland/riparian areas where their primary forage occurs. Common reptiles and amphibians that may occur in successional habitats include a variety of frogs and snakes. In addition, some of the shrub species found in these areas produce berries, which provide a quality food source for many birds and mammal species.

### 4.6.5 Palustrine Open-Water (PUB) Wetland Communities

The PUB wetlands located throughout the Project Area provide habitat for waterfowl, including the Canada goose (*Branta canadensis*) and a variety of duck species (i.e., mallard [*Anas platyrhynchos*], green-winged teal [*Anas carolinensis*], and wood duck [*Aix sponsa*]). Other common wetland bird species likely to inhabit areas within the Project Area include the great blue heron (*Ardea herodias*), green heron (*Butorides virescens*), and belted kingfisher (*Megaceryle alcyon*).

# 4.6.6 Shallow/Deep Emergent Marsh Wetland Community

Some quality wetland/aquatic habitats exist within the shallow and deep emergent marshes found throughout the Project Area. These areas provide a source of food, water, and cover to a variety of waterfowl and many of the upland species mentioned previously. These communities also may support amphibians and a diversity of insects and aquatic invertebrates. They are preferred foraging areas for aerial insectivores, including songbirds and bats. In addition, these communities provide habitat for various wetland/aquatic wildlife species, such as Canada goose, mallard, wood duck, and reptiles such as painted turtle (*Chrysemys picta*), green frog (*Lithobates clamitans*),

northern leopard frog (*Lithobates pipiens*), spring peepers (*Pseudacris crucifer*), bullfrog (*Lithobates catesbeiana*), and eastern American toad.

#### 4.6.7 Stream Communities

Forty-eight streams cross the Project Area. These streams contain sufficient bottom substrates, dissolved oxygen, depth, water temperature, and flow rate to describe a canal, ditch or artificial intermittent streams and natural intermittent or unconfined riverine community types. These community types include various freshwater aquatic vegetation and wildlife species including creek chub (*Semotilus atromaculatus*), central mudminnow (*Umbra limi*), white sucker (*Catastomus commersonii*), rock bass (*Ambloplites rupestris*), common carp (*Cyprinus carpio*), bluegill (*Lepomis macrochirus*), pumpkinseed (*Lepomis gibbosus*), and yellow perch (*Perca flavescens*).

### 4.6.8 Wildlife Impacts and Mitigation

Wildlife species and habitat occurring within the Project Area are common throughout Chenango and Delaware Counties. Most of the Project is proposed to be sited within and along Existing ROWs and transportation corridors. The level of impacts associated with the limited expansion of the Existing ROW and limited establishment of Greenfield ROW is expected to result in a minimal change in the structure and function of wildlife habitat within the Project Area.

Project construction and maintenance will likely result in wildlife species temporarily seeking suitable habitat in adjacent areas. Those species preferring edge and early successional habitats are expected to return following Project construction and restoration activities. The greatest impact to wildlife is expected to occur in those limited areas where forested communities will be permanently converted to other community types (e.g., successional forest, shrubland, emergent marshes, etc.). Although some species would benefit from an increase in early successional and edge habitats, species that require forest cover types for food, shelter, and nesting may be adversely affected. It is also possible that early successional habitat would provide new foraging corridors for predatory species.

# 4.7 Threatened and Endangered Species

Section 7(a) of the Endangered Species Act includes a national program, headed by the USFWS, focused on the conservation of threatened and endangered species and their respective habitats.

A literature review was conducted to determine the conservation status and distribution of local and migrant wildlife species that may occur within the Project Area. Informational sources included published literature and USFWS and NYSDEC databases. The USFWS Federally listed Threatened and Endangered Species IPaC service was consulted for the presence of federal-listed species (USFWS, 2023b). Additionally, correspondence was exchanged with the NYSDEC Division of Fish and Wildlife and NYNHP concerning the documented presence of listed species and sensitive or unique ecological habitats that may occur within the Project Area (See Appendix A – Agency Correspondence).

The USFWS New York field office publishes Federal-listed Threatened and Endangered Species and Candidate Species County Lists regarding the occurrence of federally protected species, which is available through the IPaC service. An IPaC Official Species List, obtained on August 11, 2023, identified the federally endangered NLEB (*Myotis septentrionalis*) and the federal Candidate monarch butterfly (*Danaus plexippus*) as potentially occurring in the Project Area. One critical habitat was identified within the Project Area – the Susquehanna River, which is critical habitat for the green floater (*Lasmigona subviridis*) (see Appendix A – Agency Correspondence).

On June 27, 2023, a letter request was submitted to the NYNHP for information regarding the presence of threatened and endangered species and unique natural communities within the Project Area. As further discussed in Section 4.7.1, in a response letter dated August 17, 2023, the NYNHP responded that they had records of the state-listed bald eagle (*Haliaeetus leucocephalus*) and brook floater (*Alasmidonta varicosa*) within the Project Area. The hellbender (*Cryptobranchus alleganiensis*), a NYS species of Special Concern, was also identified in the Project Area (see Appendix A – Agency Correspondence).

The Applicant will continue to coordinate with federal and state agencies to identify and mitigate any additional potential adverse effects to threatened and endangered species identified through EM&CP development and construction.

# 4.7.1 Threatened Species

### 4.7.1.1 Northern Long-eared Bat

The NLEB is a federal- and state-listed Endangered species of bat found in forests throughout New York State. It was identified on the IPaC Official Species List as potentially occurring in the Project Area. These bats utilize a diversity of forest habitats for roosting, foraging and raising young. In general, any tree large enough to have a cavity or that has loose bark may be utilized by NLEB for roosting or rearing young. Recent declines in population have been primarily due to a disease known as white-nose syndrome and not due to loss of habitat. As such, removal of trees from the landscape is not generally considered harmful unless bats are within the trees at the time of their removal. Additional correspondence received from NYSDEC, dated March 5, 2024, included proposed seasonal tree clearing restrictions, with clearing limited to November 1st through March 31st, to the extent practicable (See Appendix A – Agency Correspondence). Additionally, if at any time during Project construction, any NLEB maternity roost trees are discovered within any Project Segment, NYSDEC and USFWS will be notified within 24 hours of discovery and an area that is at least 150 feet in radius around the maternity roost tree will be marked and avoided until notice to continue work at the site is granted by NYSDEC and USFWS.

### 4.7.1.2 Brook Floater

The brook floater is a threatened species in New York State but is not listed or protected on a federal level. Brook floaters are a freshwater mussel species that are, like many freshwater mussels, increasingly imperiled due to changing river conditions. Sedimentation, fertilizer runoff, dams, habitat destruction and invasive species all present threats to mussels. Populations of brook floaters have dramatically declined in New York since the 1950s and have largely disappeared from the Susquehanna River, but limited populations have been documented in tributaries of the Susquehanna River basin (NYNHP, 2024). Upon further correspondence with the NYSDEC (See Appendix A – Agency Correspondence), no specific protection measures were suggested for the species. Seasonal work restrictions for fish and Article 24 protections will still apply.

# **4.7.1.3** *Bald Eagle*

The bald eagle is a threatened species in New York State. While the bald eagle was federally delisted from threatened status under the Endangered Species Act in 2007, it remains federally protected under the Bald and Golden Eagle Protection Act.

Bald eagles typically nest in large trees near large bodies of water. Adults tend to use the same breeding area and often the same nest each year (NYSDEC, 2024a). NYNHP coordination clarified that breeding bald eagles have been documented within 100 yards of the Project Area in the Town of Bainbridge and within one mile of the Project Area in the Town of Sidney. A field survey conducted on November 8, 2023, found evidence of an eagle nest approximately 500 feet north of the Project ROW. Additional correspondence with NYSDEC (See Appendix A – Agency Correspondence), includes proposed seasonal work restrictions within 0.25 mile of the nest between January 1<sup>st</sup> and September 30<sup>th</sup>. If blasting were to occur (though it is not anticipated) the setback is required to be no less than one mile from the nest and must be detailed in an applicable blasting plan.

# 4.7.2 Rare Species/Species of Conservation Concern

### 4.7.2.1 Eastern Hellbender

The eastern hellbender (*Cryptobranchus alleganiensis*) is a Species of Special Concern in New York State. NYNHP correspondence (See Appendix A – Agency Correspondence) indicated that it is known to exist within 0.5 mile of the Project Area in the Susquehanna and Unadilla Rivers. In New York, the hellbender is found solely in the Susquehanna and Allegheny River drainages, including their associated tributaries. While there is limited historical population data, available evidence suggests that the current population is declining. Among the explanations that have been suggested to account for this apparent decline are pollution of the aquatic habitat, damming of rivers and streams, and the siltation of streams and rivers resulting from agricultural practices and construction work (NYSDEC, 2024b).

This species may be found in the rivers, creeks, or streams that are within the Project Area. Project-related construction is proposed to traverse various waterbodies including the Susquehanna River, and the potential for the Project to impact these species will be mitigated with the implementation of appropriate erosion and sediment controls, as well as other standard stream protection measures.

No seasonal work restrictions were recommended by the NYSDEC beyond those required for fish, in which all work in state-regulated streams is prohibited from March 1 through July 31 in warm water fisheries.

### 4.7.2.2 Monarch Butterfly

The monarch butterfly (*Danaus plexippus*) is a candidate for federal listing. It was identified on the IPaC Official Species List as potentially occurring in the Project Area. Monarch Butterflies breed and summer in New York before migrating south for the winter and utilize habitat with flowering plants, laying their eggs exclusively on milkweed ([*Asclepias spp. J*, USFWS 2023a).

As the Monarch Butterfly is currently a candidate species only, it does not receive any legal protections afforded by the Endangered Species Act. As a result, impact to suitable habitat as a result of the Project is not currently prohibited, restricted, or regulated in any manner. Therefore, no further assessment of the Project Area for Monarch Butterflies was deemed warranted. Furthermore, the Project, as designed, is not anticipated to have a significant impact on Monarch Butterfly habitat. Consequently, no significant or adverse impact to existing populations of Monarch Butterflies is anticipated in connection with the Project.

### 4.7.3 Threatened and Endangered Species Effects and Mitigation

Given the possibility for impacting federal or state-listed species, consultation is ongoing with the NYSDEC and USFWS regarding mitigation measures to be implemented in the EM&CP to minimize impacts to protected species. At a minimum, time-of-year tree clearing, and stream disturbance limits may be imposed, and the observation of any threatened or endangered species during work on the Project will result in notification to the NYSDEC and USFWS and could involve a stop work directive in the immediate area.

# 4.8 Topography and Soils

# 4.8.1 Topography

Surficial topography along the Project ROW is varied. The land surface is transected by creeks, rivers, and tributaries that generally flow to the Susquehanna River. Based on the Google Earth Terrain Model, Project ROW elevations range from approximately 960 feet AMSL to 2,170 feet AMSL. The Project Area has an average elevation of approximately 1500 feet AMSL and an average slope of 3% (Google Earth, 2024). The Project ROW does not cross or follow any significant ridge lines or high points and avoids steep slopes to the maximum extent possible while following Existing ROW. As such, the Project is not expected to result in any significant permanent or temporary impacts to topography.

### 4.8.2 Geology

The USDA-NRCS Soil Survey of Delaware County (USDA-NRCS, 2006) states that the Project Area within Delaware County is in the Allegheny Plateau physiographic province. The bedrock underlying all of Delaware County is of sedimentary origin that is a result of mountain erosion and is of the Upper Devonian period. The bedrock underlying the Project Area includes black shales of the Genesee group; Cashauqua and Middlesex shale and siltstone of the Sonyea group; and Angola and Rhinestreet shale of the West Falls group.

The USDA-NRCS Soil Survey of Chenango County (USDA-NRCS 1985) states that the Project Area within Chenango County is in the Allegheny Plateau physiographic province. The bedrock underlying Chenango County is of the Middle and Upper Devonian periods. The bedrock underlying the Project Area consists of shale and siltstone of the Genesee Group and Cashauqua shale and siltstone of the Sonyea Group.

The surficial geology within the Project Area is Pleistocene-aged glacial till consisting of poorly sorted, variable mixture of silt, clay, sands, and coarse fragments of varying sizes. This material was deposited by the Laurentide Ice Sheet during the Wisconsin stage of glaciation.

The Project is adjacent to two active mines/gravel pits (NYSDEC Division of Mineral Resources, 2019).

The Kelly Sand and Gravel Mine (Mine ID 70505) is located off State Highway 8 near Kelly Road in the Town of Bainbridge within Existing Line 946 ROW. The Proposed Line 946 ROW diverts to the west to avoid the mine and is not expected to impact the facility's operations.

The Knowles Mine (Mine ID 70901) is located west of County Road 36 in the Town of Guilford, approximately 775 feet west of the Project ROW near the future site of the North Pond Substation. There is an access road to the mine that crosses the Project ROW.

According to the NYSDEC Environmental Resource Mapper, there are eight Unique Geological Features located within 3 miles of the Project (NYSDEC, 2024c). The presence of a unique geological feature or landform near a Project does not trigger a NYSDEC regulatory requirement and these features will not be negatively affected by construction-related activities as they are not within the Project Area.

#### 4.8.3 Soils

A review of USDA-NRCS Soil Surveys of the Project Area was completed to document the soil types/associations mapped within the Project Area. Soil survey data for soils mapped within and along the Project ROW in Delaware and Chenango Counties were compiled and are summarized below and in Table 4-9 (attached).

According to the NRCS Web Soil Survey (Soil Survey Staff, 2021), depth to bedrock within the Project Area averages greater than 200 centimeters, except for arnot channery soils (AsB; 43 cm), Greene soils (GrB; 86 centimeters), Lordstown soils (LoB, LoC, LoD, LoE, LrE, LrF; 61-76 cm), Oquaga soils (OaB, OaC, OpC; 61-76 cm), Tuller channery soils (Tu; 43 cm), Halcott soils (HcC, HcE; 6 cm), Mongaup soils (MkB, MnB, MnC, MnD; 71-89 cm), and Vly soils (VlB, VlC; 79 cm). See Figure 4-7: Soil – Depth to Bedrock. The majority of soils found within the Project Area are classified as 'Not Hydric' (see Figure 4-8: Soil Hydric Rating).

Of the soils mapped within and along the Project ROW, 19 are classified as *Prime Farmland*, two are classified as *Prime Farmland if Drained*, 46 are classified as *Farmland of Statewide Importance*, and 45 are classified as *Not Prime Farmland*, as defined by the USDA-NRCS (see Figure 4-9: Soil Farmland Classification). However, these soils do not necessarily correspond to active agricultural areas. Instead, the soils meet certain physical and chemical criteria including

soil properties, growing season, and moisture supply needed to produce sustained high yields of crops when treated and managed according to acceptable farming methods (USDA-NRCS 2023). As proposed, the Project ROW traverses areas of active and fallow agricultural lands. Upon determination of a final alignment and during the development of the EM&CP, NYSEG will coordinate with NYSDAM and associated farm owners/operators to reduce, eliminate, or mitigate impact, where applicable. These mitigation measures will be shown in the Project design drawings included in the EM&CP.

# 4.8.4 Geological Impacts and Mitigation

Blasting is not anticipated or currently planned for the construction of the Project. However, field conditions may require the use of blasting in a limited and controlled fashion if other construction techniques are not practical. If necessary, a blasting plan would be included in the EM&CP. Excavations will be limited to structure installations. Therefore, it is anticipated the Project will not result in cumulative effects relative to topographic and soil conditions.

Extensive alterations of slope and gradient are not anticipated in the Project Area. Minor changes to topography will occur due to grading in work areas and construction or improvement of access roads. The Project will be designed and constructed to be compatible with onsite geologic conditions. No geologic or environmental concerns exist that would have a long-term effect on the integrity of structures, as demonstrated by the long-standing presence of existing electric line structures within or adjacent to the Project ROW. To mitigate temporary impacts, disturbed soils will be re-graded to pre-construction elevations. Soil erosion and sediment controls will be implemented during construction activities.

Based upon the foregoing, the Project is not expected to result in any permanent or temporary significant impacts to soils.

### 4.9 Water Resources

This section provides an assessment of the Project's potential effects to water resources. Efforts undertaken to avoid or minimize these potential impacts, as well as mitigation practices, will be identified to address unavoidable impacts. These mitigation measures are described in Section 4.9.2 and will be shown in the Project design drawings included in the EM&CP.

# 4.9.1 Affected Environment

A desktop geo-spatial analysis was completed, using the proposed Project ROW, existing information from federal and state agency data sources, and a literature review of published data, to determine the likely presence and extent of water resources in the Project Area. Water resource information was obtained from topographical maps from the NYSDEC Environmental Resource Mapper (NYSDEC, 2024c), which provides information regarding the classifications and standards of quality and purity assigned to the identified surface waters. Existing conditions were field-verified during wetland and stream field work performed in October 2022 and May-July 2023.

### 4.9.1.1 Surface Waterbodies

The western portion of the Project is in the Upper Susquehanna watershed (HUC 020501), and the eastern portion of the Project is in the Upper Delaware watershed (HUC 020401). The average annual precipitation in MLRA 140 is 31 to 68 inches, with most of the precipitation coming in the form of snow, and the freeze-free period ranges from 130 to 200 days (USDA 2022). The primary source of ground water in the region is the glacial outwash deposits in the valleys (USDA 2022).

Major streams within the Project Area include the Susquehanna River, Peckham Brook, Guilford Creek, Moses Brook, Lyon Brook, Johnson Creek, East Brook, and Crystal Brook. Figure 4-10 (NYSDEC Mapped Streams and Surface Waterbodies) depicts the locations of water resources identified within the Project Area, as mapped by the NYSDEC and verified during field investigations performed in 2022 and 2023. Background research included review of *The Proposed Final New York State 2018 Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy* (NYSDEC 2020b) to identify waters that do not support specific water uses and that may

require development of a TMDL. Results of this review indicate the following listed impaired waters within the Project Area:

- Individual Waterbody Segments with Impairment Requiring TMDL Development: Cayuga Lake (southern end) – Pollutant: phosphorus; silt/sediment
- Waterbodies for which TMDL Development Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures):
   Cayuta Lake – Cause/Pollutant: phosphorous

Mapped NYSDEC-classified streams crossing the Project ROW are identified in Table 4-5 (attached) and Figure 4-10 (NYSDEC Mapped Streams and Surface Waterbodies). These classified streams include 6 Class A streams, 2 Class B streams and 36 Class C streams.

As shown in Table 4-7 (attached) and Figure 4-6 (Delineated Wetlands and Streams), the Project ROW crosses 71 delineated streams, including 55 perennial streams, 9 intermittent streams, and 7 ephemeral streams. Three streams are classified as Class A (Standard A[T]), one Class A (Standard A[TS]), two Class B (Standard B), one Class B (Standard B[T], eight Class C (Standard C[T]), three Class C (Standard C[TS]), 30 Class C (Standard C), and 23 Class D.

### 4.9.1.2 Stormwater Management

Generally, stormwater runoff from construction of an electric transmission line ROW is via overland flow, and few structural measures are needed to control stormwater discharges. Temporary BMPs to control stormwater runoff during construction activities may include silt fence, construction matting, and erosion control blankets. Such measures, to be implemented until final stabilization of the Project Area is complete, will be provided on a site-specific basis as detailed in the EM&CP.

### 4.9.2 Water Resource Effects and Mitigation

Water basins and watercourses are protected by the USACE, which has regulatory jurisdiction over Navigable Waters of the United States, pursuant to Section 10 of the 1899 Rivers and Harbors Act, and other jurisdictional waters of the United States (lakes, rivers, streams, and wetlands), pursuant to Section 404 of the CWA.

Since the Project will be installed on overhead lines exclusively, structures will be located to span streams within the Project ROW. Furthermore, structure placement will avoid the discharge of fill material to jurisdictional wetlands to the extent practicable. The use of explosives is not proposed for any portion of the Project, so no provisions need be made to protect fish and other aquatic life from harm from the use of explosives or pollutants in or near streams and other bodies of water. However, in the event that blasting is required near streams or other bodies of water, such activity will be utilized in a limited and controlled fashion, and the Applicant will consult with Staff and NYSDEC regarding appropriate protective measures, and a blasting plan reflecting such measures will be included in the EM&CP.

Project impacts to surface waters could potentially result from clearing and grading in areas adjacent to, within, and downstream of the Project ROW. Clearing activities will also extend beyond the Project ROW where danger tree removal is necessary. Small spills, including diesel and gasoline fuels, lubricating oils, and cooling fluids, may result from operation of construction equipment and vehicles. All spills will be reported and cleaned up in accordance with the applicable regulations. A spill prevention plan will be included in the EM&CP.

Vehicular access across streams and other watercourses will be avoided, to the extent possible. Stream crossings will take place where existing stream crossings are available, to the extent possible. Factors used to determine the appropriate crossing type to be installed at each location include channel characteristics; stream bottom substrate; stream gradient and flow; riparian vegetation; resource value; assessment of erosion potential; and an estimate of potential stream flow at the time of construction. The stream crossing type for each crossing location will be identified on the EM&CP plan and profile drawings. Care will be taken to ensure that stream flow remains uninhibited and to avoid damage to the stream banks during the installation and removal of crossing materials.

Stream crossings will utilize equipment mats and other minimally intrusive bridge materials that are designed to minimize stream bed and bank disturbance and water quality impacts. Where practicable, these materials will be installed at right angles to the stream. Seasonal work restrictions for warm water fisheries will be adhered to. Any potential impacts to streams and other water bodies, such as minor increases in turbidity, would be temporary. Implementation of the

BMPs will ensure that the Project will have only minor impacts on the NYSDEC-classified streams crossings identified in Table 4-5 (attached). Unless otherwise specified in the EM&CP, BMPs will be the design standard and will be maintained in accordance with state guidelines.

In portions of the Project Area where shallow groundwater sources are identified, dewatering may be required during construction activities. Should dewatering be required, a dewatering filter bag will be used, or a temporary sedimentation basin will be created, to receive dewatering effluent. Once filtered and/or settled, clear water will be pumped or allowed to flow onto vegetated upland areas. Straw bales, filter fabric, and other materials, would be used to construct the retention structures and basins. Dewatering plans will be presented in the EM&CP.

Proposed stormwater management practices will effectively minimize and control stormwater runoff to avoid an increase in stormwater runoff volume, erosion, and flood potential within the Project Area. No perceptible increase in stormwater runoff volume is anticipated due to the Project.

Based on the above assessment of potential impacts to water resources and the mitigation measures proposed to be implemented during Project construction, no permanent or significant temporary impacts to hydrology are anticipated.

#### **4.10** Noise

Operation and maintenance of the Project is not expected to result in significant permanent noise impacts. Temporary noise impacts will result from various Project construction activities.

### 4.10.1 State Noise Standards

NYSDEC published a program policy in 2001 titled *Assessing and Mitigating Noise Impacts*. The NYSDEC policy provides a suggested guideline for determining the threshold for the potential onset of adverse noise impacts. These guidelines assess impact in terms of an allowable incremental increase in noise relative to existing acoustic conditions. The NYSDEC method is based on the perceptibility of a new sound source and identifies limits relative to the existing conditions at the nearest residences or other potentially sensitive receptors (e.g., schools, churches, etc.). In areas not sensitive to noise (i.e., vacant land) the application of the NYSDEC criteria may not be appropriate.

The NYSDEC program policy states that a 0 to 3 dB increase in noise should have no appreciable effect on receptors. Noise level increases from 3 to 6 dB may potentially result in adverse noise impact, but only in the presence of the most sensitive receptors. Sound pressure increases above 6 dB may require closer analysis of impact potential to account for factors including existing sound pressure levels and surrounding land use and receptors.

The NYSDEC program policy defines a typical quiet suburban background sound level at 45 dBA. Therefore, a total cumulative sound level of 51-dBA, or 6-dBA delta above the NYSDEC typical background sound level, would be the threshold for a potential onset of adverse noise impact in quiet suburban settings. The areas with the lowest ambient levels will likely be those located farthest from the nearest major roadways and interstates.

Thresholds would be higher in locations having higher ambient sound levels, such as industrial, commercial, and vacant land areas traversed by the Project. For example, areas near stores may have elevated background sound levels due to operation of building mechanical equipment (e.g., outdoor fans, ventilation systems, etc.).

Estimated sound levels of common noise sources in various outdoor acoustic environments, and comparisons of relative loudness are presented in Table 4-10.

### 4.10.2 Permanent Noise Effects

Permanent noise sources could include the corona effect of the transmission lines under certain atmospheric conditions, such as rain, fog, and high humidity, and minor sources from routine inspection and maintenance of the transmission line. However, audible noise from transmission lines is uncommon when voltages are lower than 300 kV, particularly during dry conditions. Post-construction sound from corona noise, if audible at all, is expected to create minimal noise impacts at only the closest noise-sensitive receptors. As the Project is primarily a rebuild of existing lines, it is expected that the Project will generate noise levels similar to or lower than the existing lines, with only minimal variation related to line geometry and/or conductor-surface conditions. The construction of a new substation that includes transformers will also be a source of permanent noise.

A pre-construction sound study was conducted between March 14-19<sup>th</sup>, 2024 to quantify existing sound levels near the site of the Proposed Jennison Substation. A sound propagation model (noise model) of the proposed transformers was then developed assuming worst-case operation, and the results were compared against the applicable guidance thresholds. The noise modeling indicated that the operation of the substation would result in a 1.2 dBA increase in ambient noise levels at the closest residence, located approximately 0.3 mile from the Proposed Jennison Substation. Table 4-11 summarizes the results of the pre-construction sound survey conducted at the site of the Proposed Jennison Substation in March 2024. The "existing ambient sound level" shown in Table 4-11 was close to the lowest background sound level that was measured during the 4-day sound measurement survey. Furthermore, the measurement survey occurred during late winter, during a time of year when ambient sound levels tend to be lower. The "increases over existing" ambient will be even lower than 1.2 dBA during most other times of the year and/or a 24-hour day.

The NYSDEC noise policy states that an increase of 0 to 3 dBA in noise should have no appreciable effect on receptors, therefore the operation of the Proposed Jennison Substation will have no appreciable noise impact on nearby residences.

Potential tonal sound (hum or buzz) from the transformers was also analyzed. The transformers are not expected to create "tonal" conditions at nearby residences.

As stated above, there is a 0.3-mile distance buffer between the location of the proposed substation transformers and the closest residence, and the surrounding topography will provide a natural sound barrier between the station and residences in many cases. Also, the proposed 56 MVA transformers will be designed to emit no more than 65 dBA at approximately 1 meter. (Similar to a conversation between two people.) When these factors are considered, future substation sound is not expected to be particularly noticeable at nearby residences.

The Jennison Substation Pre-Construction Sound Study report (to be filed separately) presents the results of the study in greater detail.

Post-construction Project inspections and maintenance activities will occur periodically and will generate only minor levels of noise. Traffic noise generated during these activities will be consistent with that already occurring within the Project Area and surrounding areas. These activities will be of short duration; thus, these activities are not expected to result in any significant increased noise impacts.

Routine vegetation maintenance in the Project ROW may require the use of chain saws. The sound level produced by a chain saw depends on the size rating, manufacturer, and equipment condition. Chainsaw activities would be short-term and limited to daytime hours, except in emergency situations.

### 4.10.3 Temporary Noise Effects

Project construction activities will generate temporary noise levels that are periodically audible. These activities will include access road construction, vegetation clearing, grading and excavation, and structure installation along the Project ROW. However, work at each structure location is expected to progress rapidly, thereby significantly reducing the duration of worst-case noise impacts at any one noise-sensitive receptor.

Noise will be generated by construction activities within the Project ROW, off-site access roads, and staging areas. Noise sources may include construction equipment and motor vehicle use by Project workers, and trucks moving material to and from work sites. Various construction activities may occur simultaneously with multiple construction crews potentially operating within the Project Area. The construction equipment is similar to equipment used during typical public works projects and tree service operations. Construction equipment will be properly maintained and will be fitted with mufflers to control noise.

The closest residences are 50 to 75 feet from the closest edge of the Project ROW, but most residences are located between 75 to 100 feet from the closest edge of the Project ROW. Those further residences may experience sound levels 3 to 5 dBA lower than those shown in Table 4-10. Calculated levels at the most conservative scenario for the 50-foot distance exceed the suggested L10 limits by 7 to 16 dBA. For all calculated levels, however, the duration of each specified construction activity is expected to be relatively brief.

### 4.10.4 Noise Effects and Mitigation

To minimize noise effects during construction, the Applicant will limit Project construction activities to the hours of 7:00 a.m. to 7:00 p.m. Monday through Saturday. If, due to safety or continuous operation requirements, construction activities are required to occur outside of these hours or on Sundays, the Applicant will notify DPS Staff and the affected municipality at least 24-hours in advance, unless safety considerations prohibit making such advance notice.

Noise levels will also be mitigated by the attenuating effects of distance; the intermittent and short-lived character of the noise; the presence of existing vegetation; the presence of homes and buildings (particularly in the more suburban areas); and the use of functional mufflers on all equipment.

# 4.11 Electromagnetic Fields

Opinion No. 78-13 (in Cases 26529 and 26559), effective June 19, 1978, established the Commission's interim standard for an electric field strength of 1.6-kV/m at the edge of the ROW, as calculated at one meter aboveground, with the line at rated voltage. The Commission's Statement of Interim Policy on Magnetic Fields of Major Electric Transmission Facilities (in Cases 26529 and 26559), effective September 11, 1990, set a limit for magnetic fields of 200 mG at the edge of the ROW as measured at one meter aboveground when the circuit phase currents are equal to the Winter Normal conductor rating. Studies of the expected EMF effects using the Winter Normal conductor rating as required by the Commission have been performed for the Project.

The calculated electric field levels at the Project ROW edge do not exceed the NYPSC 60-Hz AC standard of 1.6 kV/m in any modeled cross section along the route of the proposed Project. Similarly, the calculated magnetic-field levels at the Project ROW edges do not exceed the NYPSC 60-Hz AC standard of 200 mG in any modeled cross sections along the proposed route of the Project (see Appendix B - EMF Report).

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# **New York State Electric & Gas Corporation**

**Jennison Transmission Solution Project** 

Exhibit 4

**Tables** 

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Table 4-1: Land Use within the Existing ROW

Land		Project Len		
Use Code	Land Use Description	Chenango County	Delaware County	Total
100	Agricultural	3.31	0.97	4.28
200	Residential	9.57	9.66	19.23
300	Vacant Land	9.18	8.26	17.44
400	Commercial	0.60	0	0.60
500	Recreation & Entertainment	0	0	0
600	Community Services (education, parking lots, hospitals, cultural and recreational etc.,)	0	0	0
700	Industrial	0.08	0	0.08
800	Public Services (water, telephone, transportation, communication, electric and gas, pipelines, landfills etc.)	1.00	0.70	1.70
900	Wild, Forested, Conservation Land, and Public Parks	1.52	0.49	2.01
0	Undesignated	0.72	0	0.72
	TOTAL	25.98	20.08	46.06

Existing land use in Table 4-1 is based on the most up-to-date Office of Real Property Tax Services (ORPTS) classifications and Chenango County and Delaware County tax parcel information, including the property type classification codes for land use.

Table 4-2: Local, Private and State Recreational Sites Within 3 Miles of the Project

Map ID	Figure Number	Property Name	Category
1	2-1.5	City of Norwich - Park Land	City of Norwich Park
2	2-1.5	Rotary Park	City of Norwich Park
3	2-1.2,5	City of Norwich Land	City of Norwich Park
4	2-1.5	Guernsey Park	City of Norwich Park
5	2-1.5	West Park	City of Norwich Park
6	2-1.5	Norwich'S East Park Stage	City of Norwich Park
7	2-1.5	Auburn St Park	City of Norwich Park
8	2-1.5	South Broad Street Park	City of Norwich Park
9	2-1.5	Bruchhausen Park	City of Norwich Park
10	2-1.5	Kiwanis Park	City of Norwich Park
11	2-1.5	Weiler Park	City of Norwich Park
12	2-1.5	City of Norwich Land	City of Norwich Park
13	2-1.7,8,10	Lyon Brook State Forest	State Forest
14	2-1.11	Town of Guilford Land	Town of Guilford Park
15	2-1.13	Wiley Brook State Forest	State Forest
16	2-1.14	South Hill State Forest	State Forest
17	2-1.17	Village of Sidney Water Land	Village of Sidney Park
18	2-1.18	Village of Sidney Land	Village of Sidney Park
19	2-1.18	Keith Clark Park	Village of Sidney Park
20	2-1.18,23	Village of Sidney Land	Village of Sidney Park
21	2-1.18	Melrose Park	Village of Sidney Park
22	2-1.18	Overlook Park	Village of Sidney Park
23	2-1.18	Edgewood Park	Village of Sidney Park
24	2-1.18	Silver Street Park	Village of Sidney Park
25	2-1.18	Unknown Park	Village of Sidney Park
26	2-1.18	Sherwood Heights Park	Village of Sidney Park
27	2-1.18	Phelps Street Park	Village of Sidney Park
28	2-1.26	Unknown Park	Village of Unadilla Park
29	2-1.26	Village of Unadilla Land	Village of Unadilla Park

Map ID	Figure Number	Property Name	Category
30	2-1.26	Wattles Ferry Park	Village of Unadilla Park
31	2-1.19,20	Oak Ridge State Forest	State Forest
32	2-1.20	Town of Bainbridge Land	Town of Bainbridge Park
33	2-1.20	Village of Bainbridge Land	Village of Bainbridge Park
34	2-1.21,22	Melondy Hill State Forest	State Forest
35	2-1.23,27	Pine Hill State Forest	State Forest
36	2-1.27	Town of Sidney Land	Town of Sidney Park
37	2-1.5	Chenango River Boat Launch	Boat Launch
38	2-1.7	Chenango River Boat Launch	Boat Launch
39	2-1.11	Guilford Lake Boat Launch	Boat Launch
40	2-1.14	Unadilla River Boat Launch	Boat Launch
41	2-1.20	Susquehanna River Boat Launch	Boat Launch
42	2-1.26	Susquehanna River Boat Launch	Boat Launch
43	2-1.18	Susquehanna River Boat Launch	Boat Launch
44	2-1.23	Sidney Golf And Country Club	Golf Club
45	2-1.21	Afton Golf Club	Golf Club
*	2-1.1,2,5	Snowmobile Trail	Secondary Trail
*	2-1.4,7	Snowmobile Trail	Corridor Trail
*	2-1.7,10	Snowmobile Trail	Corridor Trail
*	2-1.10	Lyon Brook Snowmobile Trail	State Trail
*	2-1.8,10	Lyon Brook Truck Trail	State Trail
*	2-1.11,13	Snowmobile Trail	Corridor Trail
*	2-1.14	South Hill State Forest Snowmobile Trail	State Trail
*	2-1.14	South Hill Truck Trail	State Trail
*	2-1.14,17	South Hill State Forest Snowmobile Trail	State Trail
*	2-1.14	Snowmobile Trail	Corridor Trail
*	2-1.16,19,21,22,24	Snowmobile Trail	Corridor Trail
*	2-1.11,12,14	Snowmobile Trail	Secondary Trail
*	2-1.14,15	Snowmobile Trail	Corridor Trail
*	2-1.14	Snowmobile Trail	Corridor Trail

Map ID	Figure Number	Property Name	Category
*	2-1.12,14	Snowmobile Trail	Corridor Trail
*	2-1.23	Pine Hill Forest Access #1	State Trail
*	2-1.23	Bundy Hollow Public Forest Access Road	State Trail
*	2-1.23	Pine Hill Mappwd Access #3	State Trail
*	2-1.23	Reservoir Road	State Trail
*	2-1.23	Pine Hill Mappwd Access #4	State Trail
*	2-1.27,28	Snowmobile Trail	Corridor Trail
*	2-1.30,31,32	Snowmobile Trail	Secondary Trail
*	2-1.31,35,36	Snowmobile Trail	Secondary Trail
*	2-1.35,36,39,41	Snowmobile Trail	Corridor Trail
*	2-1.39,40	Snowmobile Trail	Secondary Trail
*	2-1.39,42	Snowmobile Trail	Secondary Trail
*	2-1.38,39	Snowmobile Trail	Corridor Trail
*	2-1.33,34,38	Snowmobile Trail	Corridor Trail
*	2-1.37,38,41	Snowmobile Trail	Corridor Trail

**Table 4-3: New York State and National Register of Historic Places** 

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
Propertie	s Within 1,00	00 Feet				
1190	2-1.35	02508.000064	Schoolhouse No. 5	Town of Hamden	Delaware	Listed
Propertie	s More than	1,000 Feet				
1	2-1.2	01712.000035	Tiffany Farm	Town of Norwich	Chenango	Eligible
2	2-1.2	01712.000092	St Paul's Cemetery	Town of Norwich	Chenango	Eligible
3	2-1.2	01712.000078	291 NY 320	Town of North Norwich	Chenango	Eligible
4	2-1.4	01712.000107	215 Manley Road	Town of Norwich	Chenango	Eligible
5	2-1.4	01712.000108	Harris Cemetery	Town of Norwich	Chenango	Eligible
6	2-1.5	01740.000406	21 Plymouth Street	City of Norwich	Chenango	Eligible
7	2-1.5	01740.000407	53 Canasawacta Street	City of Norwich	Chenango	Eligible
8	2-1.5	01740.000199	66-68 Cortland Street	City of Norwich	Chenango	Eligible
9	2-1.5	01740.000290	74 West Main Street	City of Norwich	Chenango	Eligible
10	2-1.5	01740.000416	54 Henry Street	City of Norwich	Chenango	Eligible
11	2-1.5	01740.000221	43 Henry Street	City of Norwich	Chenango	Eligible
12	2-1.5	01740.000424	15 Guernsey Street	City of Norwich	Chenango	Eligible
13	2-1.5	01740.000425	13 Guernsey Street	City of Norwich	Chenango	Eligible
14	2-1.5	01740.000423	43 West Main Street	City of Norwich	Chenango	Eligible
15	2-1.5	01740.000380	Emmanual Episcopal Church Parish Hall	City of Norwich	Chenango	Listed
16	2-1.5	01740.000379	Emmanuel Episcopal Church	City of Norwich	Chenango	Listed
17	2-1.5	01740.000104	193 North Broad Street	City of Norwich	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
18	2-1.5	01740.000085	191 North Broad St	City of Norwich	Chenango	Eligible
19	2-1.5	01740.000084	189 North Broad Street	City of Norwich	Chenango	Eligible
20	2-1.5	01740.000083	187 North Broad Street	City of Norwich	Chenango	Eligible
21	2-1.5	01740.000122	UHS Chenango Memorial Hospital - Newton Mansion	City of Norwich	Chenango	Eligible
22	2-1.5	01740.000105	185 North Broad Street	City of Norwich	Chenango	Eligible
23	2-1.5	01740.000082	183 North Broad Street	City of Norwich	Chenango	Eligible
24	2-1.5	01740.000121	155 North Broad Street	City of Norwich	Chenango	Eligible
25	2-1.5	01740.000120	145 North Broad Street	City of Norwich	Chenango	Eligible
26	2-1.5	01740.000118	House At 170 North Broad Street	City of Norwich	Chenango	Eligible
27	2-1.5	01740.000080	174 North Broad Street	City of Norwich	Chenango	Eligible
28	2-1.5	01740.000081	172 North Broad Street	City of Norwich	Chenango	Eligible
29	2-1.5	01740.000116	166 North Broad Street	City of Norwich	Chenango	Eligible
30	2-1.5	01740.000117	168 North Broad Street	City of Norwich	Chenango	Eligible
31	2-1.5	01740.000114	158 North Broad Street	City of Norwich	Chenango	Eligible
32	2-1.5	01740.000111	152 North Broad Street	City of Norwich	Chenango	Eligible
33	2-1.5	01740.000113	156 North Broad Street	City of Norwich	Chenango	Eligible
34	2-1.5	01740.000115	160 North Broad Street	City of Norwich	Chenango	Eligible
35	2-1.5	01740.000112	154 North Broad Street	City of Norwich	Chenango	Eligible
36	2-1.5	01740.000164	Taranto	City of Norwich	Chenango	Listed
37	2-1.5	01740.000163	Morgan	City of Norwich	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
38	2-1.5	01740.000162	12 Cortland St	City of Norwich	Chenango	Listed
39	2-1.5	01740.000160	143 North Broad St	City of Norwich	Chenango	Listed
40	2-1.5	01740.000161	8 Cortland St	City of Norwich	Chenango	Listed
41	2-1.5	01740.000158	137-139 North Broad St	City of Norwich	Chenango	Listed
42	2-1.5	01740.000159	141 North Broad St	City of Norwich	Chenango	Listed
43	2-1.5	01740.000156	131 North Broad St	City of Norwich	Chenango	Listed
44	2-1.5	01740.000087	119 North Broad St	City of Norwich	Chenango	Listed
45	2-1.5	01740.000157	133 North Broad St	City of Norwich	Chenango	Listed
46	2-1.5	01740.000086	117 North Broad St	City of Norwich	Chenango	Listed
47	2-1.5	01740.000152	125 North Broad St	City of Norwich	Chenango	Listed
48	2-1.5	01740.000155	129 North Broad St	City of Norwich	Chenango	Listed
49	2-1.5	01740.000154	127 North Broad St	City of Norwich	Chenango	Listed
50	2-1.5	01740.000153	123 North Broad St	City of Norwich	Chenango	Listed
51	2-1.5	01740.000151	115 North Broad St	City of Norwich	Chenango	Listed
52	2-1.5	01740.000147	99 North Broad St	City of Norwich	Chenango	Listed
53	2-1.5	01740.000150	111 North Broad St	City of Norwich	Chenango	Listed
54	2-1.5	01740.000149	105 North Broad St	City of Norwich	Chenango	Listed
55	2-1.5	01740.000148	103 North Broad St	City of Norwich	Chenango	Listed
56	2-1.5	01740.000146	93 North Broad St	City of Norwich	Chenango	Listed
57	2-1.5	01740.000145	91 North Broad St	City of Norwich	Chenango	Listed
58	2-1.5	01740.000143	87 North Broad St	City of Norwich	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
59	2-1.5	01740.000144	89 North Broad St	City of Norwich	Chenango	Listed
60	2-1.5	01740.000142	83 North Broad St	City of Norwich	Chenango	Listed
61	2-1.5	01740.000138	Cook	City of Norwich	Chenango	Listed
62	2-1.5	01740.000141	Gallagher	City of Norwich	Chenango	Listed
63	2-1.5	01740.000140	Moore	City of Norwich	Chenango	Listed
64	2-1.5	01740.000137	Meyer	City of Norwich	Chenango	Listed
65	2-1.5	01740.000134	Burlingame	City of Norwich	Chenango	Listed
66	2-1.5	01740.000136	Thillinger	City of Norwich	Chenango	Listed
67	2-1.5	01740.000135	Baker	City of Norwich	Chenango	Listed
68	2-1.5	01740.000133	Herrington	City of Norwich	Chenango	Listed
69	2-1.5	01740.000188	146 North Broad St	City of Norwich	Chenango	Listed
70	2-1.5	01740.000131	Wagoner	City of Norwich	Chenango	Listed
71	2-1.5	01740.000132	Smith	City of Norwich	Chenango	Listed
72	2-1.5	01740.000130	Driesse	City of Norwich	Chenango	Listed
73	2-1.5	01740.000129	R. J. Fahy Property	City of Norwich	Chenango	Listed
74	2-1.5	01740.000128	Mcmullen	City of Norwich	Chenango	Listed
75	2-1.5	01740.000126	Braddock	City of Norwich	Chenango	Listed
76	2-1.5	01740.000127	108 North Broad St	City of Norwich	Chenango	Listed
77	2-1.5	01740.000125	Griffin	City of Norwich	Chenango	Listed
78	2-1.5	01740.000124	Nassar	City of Norwich	Chenango	Listed
79	2-1.5	01740.000088	Evangelical Lutheran Church	City of Norwich	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
80	2-1.5	01740.000099	9 Tillman Avenue	City of Norwich	Chenango	Listed
81	2-1.5	01740.000317	Methodist-Episcopal Church of Norwich	City of Norwich	Chenango	Listed
82	2-1.5	01740.000443	25 Mitchell Street	City of Norwich	Chenango	Eligible
83	2-1.5	01740.000343	33 Mitchell Street	City of Norwich	Chenango	Eligible
84	2-1.5	01740.000402	Ward School No. 2	City of Norwich	Chenango	Eligible
85	2-1.5	01740.000339	35 Silver St	City of Norwich	Chenango	Eligible
86	2-1.5	01740.000429	53 Rexford Street	City of Norwich	Chenango	Eligible
87	2-1.5	01740.000437	24 Silver Street	City of Norwich	Chenango	Eligible
88	2-1.5	01740.000321	Chenango County Fairground	City of Norwich	Chenango	Eligible
89	2-1.5	01740.000338	8 Mechanic Street	City of Norwich	Chenango	Eligible
90	2-1.5	01740.000459	Martin Kappel Theater	City of Norwich	Chenango	Listed
91	2-1.5	01740.000020	15 West Main Street	City of Norwich	Chenango	Listed
92	2-1.5	01740.000014	County Sheriff's Office	City of Norwich	Chenango	Listed
93	2-1.5	01740.000002	Chenango County Courthouse	City of Norwich	Chenango	Listed
94	2-1.5	01740.000005	United Church of Christ	City of Norwich	Chenango	Listed
95	2-1.5	01740.000004	County Clerk's Office	City of Norwich	Chenango	Listed
96	2-1.5	01740.000023	First Baptist Church	City of Norwich	Chenango	Listed
97	2-1.5	01740.000003	5 West Main Street	City of Norwich	Chenango	Listed
98	2-1.5	01740.000336	West Park	City of Norwich	Chenango	Listed
99	2-1.5	01740.000024	6 West Park Place	City of Norwich	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
100	2-1.5	01740.000062	37-39 North Broad Street	City of Norwich	Chenango	Listed
101	2-1.5	01740.000043	41 North Broad Street	City of Norwich	Chenango	Listed
102	2-1.5	01740.000042	43-45 North Broad Street	City of Norwich	Chenango	Listed
103	2-1.5	01740.000044	33 North Broad Street	City of Norwich	Chenango	Listed
104	2-1.5	01740.000045	31 North Broad Street	City of Norwich	Chenango	Listed
105	2-1.5	01740.000063	29 North Broad Street	City of Norwich	Chenango	Listed
106	2-1.5	01740.000070	27 North Broad Street	City of Norwich	Chenango	Listed
107	2-1.5	01740.000040	25 North Broad Street	City of Norwich	Chenango	Listed
108	2-1.5	01740.000064	23 North Broad Street	City of Norwich	Chenango	Listed
109	2-1.5	01740.000041	Sherwin Williams Store	City of Norwich	Chenango	Listed
110	2-1.5	01740.000026	48 North Broad St	City of Norwich	Chenango	Listed
111	2-1.5	01740.000027	Heritage Building	City of Norwich	Chenango	Listed
112	2-1.5	01740.000047	36 North Broad St	City of Norwich	Chenango	Listed
113	2-1.5	01740.000376	5 South Broad Street, Norwich	City of Norwich	Chenango	Listed
114	2-1.5	01740.000055	9 East Park Place	City of Norwich	Chenango	Listed
115	2-1.5	01740.000033	4-6 East Main St	City of Norwich	Chenango	Listed
116	2-1.5	01740.000069	15 East Park Place	City of Norwich	Chenango	Listed
117	2-1.5	01740.000335	East Park	City of Norwich	Chenango	Listed
118	2-1.5	01740.000054	17 East Main Street	City of Norwich	Chenango	Listed
119	2-1.5	01740.000048	BPOE Lodge No. 1222 (Elks Lodge)	City of Norwich	Chenango	Listed
120	2-1.5	01740.000022	16-18 East Main Street	City of Norwich	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
121	2-1.5	01740.000046	19-23 East Main Street	City of Norwich	Chenango	Listed
122	2-1.5	01740.000025	Us Post Office	City of Norwich	Chenango	Listed
123	2-1.5	01740.000018	Railroad Station	City of Norwich	Chenango	Listed
124	2-1.5	01740.000032	24 East Main Street	City of Norwich	Chenango	Listed
125	2-1.5	01740.000031	26 East Main Street	City of Norwich	Chenango	Listed
126	2-1.5	01740.000017	City Hall	City of Norwich	Chenango	Listed
127	2-1.5	01740.000419	36 Elm Street	City of Norwich	Chenango	Eligible
128	2-1.5	01740.000418	31 Elm Street	City of Norwich	Chenango	Eligible
129	2-1.5	01740.000358	19 Hayes Street	City of Norwich	Chenango	Eligible
130	2-1.5	01740.000051	14-16 South Broad St., Owned By The Development Chenango Corporation.	City of Norwich	Chenango	Eligible
131	2-1.5	01740.000073	38 1/2 South Broad St	City of Norwich	Chenango	Eligible
132	2-1.5	01740.000059	34-36 South Broad St	City of Norwich	Chenango	Eligible
133	2-1.5	01740.000050	10 South Broad Street	City of Norwich	Chenango	Eligible
134	2-1.5	01740.000052	18 South Broad St	City of Norwich	Chenango	Eligible
135	2-1.5	01740.000065	12 South Broad Street	City of Norwich	Chenango	Eligible
136	2-1.5	01740.000053	20-22 South Broad Street	City of Norwich	Chenango	Eligible
137	2-1.5	01740.000057	38 South Broad St	City of Norwich	Chenango	Eligible
138	2-1.5	01740.000074	40 South Broad St	City of Norwich	Chenango	Eligible
139	2-1.5	01740.000072	32 South Broad Street	City of Norwich	Chenango	Eligible
140	2-1.5	01740.000071	28-30 South Broad Street	City of Norwich	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
141	2-1.5	01740.000056	28-30 South Broad St	City of Norwich	Chenango	Eligible
142	2-1.5	01740.000066	26 South Broad Street	City of Norwich	Chenango	Eligible
143	2-1.5	01740.000028	24 South Broad Street	City of Norwich	Chenango	Eligible
144	2-1.5	01740.000029	42 South Broad Street	City of Norwich	Chenango	Eligible
145	2-1.5	01740.000347	7-9 South Broad St	City of Norwich	Chenango	Eligible
146	2-1.5	01740.000034	11 South Broad Street	City of Norwich	Chenango	Eligible
147	2-1.5	01740.000037	23 South Broad Street	City of Norwich	Chenango	Eligible
148	2-1.5	01740.000038	25 South Broad St	City of Norwich	Chenango	Eligible
149	2-1.5	01740.000075	21 South Broad St	City of Norwich	Chenango	Eligible
150	2-1.5	01740.000035	13-15 South Broad Street	City of Norwich	Chenango	Eligible
151	2-1.5	01740.000404	39-41 South Broad Street, Norwich	City of Norwich	Chenango	Eligible
152	2-1.5	01740.000036	17-19 South Broad Street	City of Norwich	Chenango	Eligible
153	2-1.5	01740.000214	29-31 South Broad Street	City of Norwich	Chenango	Eligible
154	2-1.5	01740.000348	Colonia Theater	City of Norwich	Chenango	Eligible
155	2-1.5	01740.000058	27 South Broad Street	City of Norwich	Chenango	Eligible
156	2-1.5	01740.000229	4 American Avenue	City of Norwich	Chenango	Eligible
157	2-1.5	01740.000289	Norwich Freight Depot	City of Norwich	Chenango	Eligible
158	2-1.5	01740.000320	Norwich Pharmacal Company Warehouse	City of Norwich	Chenango	Listed
159	2-1.5	01740.000327	62 South Broad Street	City of Norwich	Chenango	Eligible
160	2-1.5	01740.000388	71 South Broad Street	City of Norwich	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
161	2-1.5	01740.000386	65 South Broad Street	City of Norwich	Chenango	Eligible
162	2-1.5	01740.000385	61 South Broad Street	City of Norwich	Chenango	Eligible
163	2-1.5	01740.000387	67 South Broad Street	City of Norwich	Chenango	Eligible
164	2-1.5	01740.000334	Eaton Family Residence/Jewish Center Of Norwich	City of Norwich	Chenango	Listed
165	2-1.5	01740.000400	78 South Broad Street	City of Norwich	Chenango	Eligible
166	2-1.5	01740.000399	80 South Broad Street	City of Norwich	Chenango	Eligible
167	2-1.5	01740.000398	84 South Broad Street	City of Norwich	Chenango	Eligible
168	2-1.5	01740.000397	94 South Broad Street	City of Norwich	Chenango	Eligible
169	2-1.5	01740.000396	96 South Broad Street	City of Norwich	Chenango	Eligible
170	2-1.5	01740.000395	108 South Broad Street	City of Norwich	Chenango	Eligible
171	2-1.5	01740.000384	113 South Broad Street, Norwich	City of Norwich	Chenango	Eligible
172	2-1.5	01740.000392	132 South Broad Street	City of Norwich	Chenango	Eligible
173	2-1.5	01740.000008	79 South Broad Street	City of Norwich	Chenango	Eligible
174	2-1.5	01740.000389	97 South Broad Street	City of Norwich	Chenango	Eligible
175	2-1.5	01740.000390	107 South Broad Street	City of Norwich	Chenango	Eligible
176	2-1.5	01740.000394	117 South Broad Street	City of Norwich	Chenango	Eligible
177	2-1.5	01740.000393	121 South Broad Street	City of Norwich	Chenango	Eligible
178	2-1.5	01740.000391	127 South Broad Street	City of Norwich	Chenango	Eligible
179	2-1.5	01740.000412	42 Birdsall Street	City of Norwich	Chenango	Eligible
180	2-1.5	01740.000411	45 Birdsall Street	City of Norwich	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
181	2-1.5	01740.000329	53 Birdsall St	City of Norwich	Chenango	Eligible
182	2-1.5	01740.000409	63 Birdsall Street	City of Norwich	Chenango	Eligible
183	2-1.5	01740.000245	Mount Hope Cemetery	City of Norwich	Chenango	Eligible
184	2-1.5	01740.000215	22 Henry Street	City of Norwich	Chenango	Eligible
185	2-1.7	01712.000089	Gates Cemetery	Town of Norwich	Chenango	Eligible
186	2-1.8	01707.000148	144 Aldrich Road	Town of Guilford	Chenango	Eligible
187	2-1.8	01712.000040	1317 County Road 36	Town of Norwich	Chenango	Eligible
188	2-1.8	01707.000146	North Guilford Church	Town of Guilford	Chenango	Eligible
189	2-1.8	01707.000149	228 Oxford Road	Town of Guilford	Chenango	Eligible
190	2-1.8	01712.000090	895 County Road 33	Town of Norwich	Chenango	Eligible
191	2-1.8	01707.000145	North Guilford Cemetery	Town of Guilford	Chenango	Listed
192	2-1.10	01707.000160	Dorman Cemetery	Town of Guilford	Chenango	Eligible
193	2-1.11	01707.000170	Guilford Dam	Town of Guilford	Chenango	Eligible
194	2-1.11	01707.000051	108 Nickolson Street	Town of Guilford	Chenango	Eligible
195	2-1.11	01707.000052	1230 Main Street	Town of Guilford	Chenango	Eligible
196	2-1.11	01707.000053	1236 Main Street	Town of Guilford	Chenango	Eligible
197	2-1.11	01707.000054	1240 Main Street	Town of Guilford	Chenango	Eligible
198	2-1.11	01707.000044	119 Furnace Hill Rd	Town of Guilford	Chenango	Eligible
199	2-1.11	01707.000049	3 Furnace Hill Rd	Town of Guilford	Chenango	Eligible
200	2-1.11	01707.000029	138 Merchant Street	Town of Guilford	Chenango	Eligible
201	2-1.11	01707.000028	134 Merchant Street	Town of Guilford	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
202	2-1.11	01707.000027	120 Merchant St	Town of Guilford	Chenango	Eligible
203	2-1.11	01707.000025	108 Merchant St	Town of Guilford	Chenango	Eligible
204	2-1.11	01707.000033	112 Merchant Street	Town of Guilford	Chenango	Eligible
205	2-1.11	01707.000048	134 Furnace Hill Road	Town of Guilford	Chenango	Eligible
206	2-1.11	01707.000042	132 Furnace Hill Rd	Town of Guilford	Chenango	Eligible
207	2-1.11	01707.000070	1240 Main Street	Town of Guilford	Chenango	Eligible
208	2-1.11	01707.000043	156 Furnace Hill Road	Town of Guilford	Chenango	Eligible
209	2-1.11	01707.000032	137 Merchant Street	Town of Guilford	Chenango	Eligible
210	2-1.11	01707.000069	1245 Main Street	Town of Guilford	Chenango	Eligible
211	2-1.11	01707.000031	135 Merchant Street	Town of Guilford	Chenango	Eligible
212	2-1.11	01707.000024	115 Merchant Street	Town of Guilford	Chenango	Eligible
213	2-1.11	01707.000062	1256 Main Street	Town of Guilford	Chenango	Eligible
214	2-1.11	01707.000067	1254 Main Street	Town of Guilford	Chenango	Eligible
215	2-1.11	01707.000036	132 Mechanic Street	Town of Guilford	Chenango	Eligible
216	2-1.11	01707.000066	1257 Main Street	Town of Guilford	Chenango	Eligible
217	2-1.11	01707.000065	1259 Main Street	Town of Guilford	Chenango	Eligible
218	2-1.11	01707.000037	1264 Main Street	Town of Guilford	Chenango	Eligible
219	2-1.11	01707.000064	Us Post Office	Town of Guilford	Chenango	Eligible
220	2-1.11	01707.000081	1273 Main Street	Town of Guilford	Chenango	Eligible
221	2-1.11	01707.000071	1276 Main Street	Town of Guilford	Chenango	Eligible
222	2-1.11	01707.000082	1271 Main Street	Town of Guilford	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
223	2-1.11	01707.000080	1275 Main Street	Town of Guilford	Chenango	Eligible
224	2-1.11	01707.000063	1280 Main Street	Town of Guilford	Chenango	Eligible
225	2-1.11	01707.000072	1282 Main Street	Town of Guilford	Chenango	Eligible
226	2-1.11	01707.000079	Guilford United Methodist Church	Town of Guilford	Chenango	Eligible
227	2-1.11	01707.000073	1284 Main Street	Town of Guilford	Chenango	Eligible
228	2-1.11	01707.000078	1281 Main Street	Town of Guilford	Chenango	Eligible
229	2-1.11	01707.000046	112 Depot Street	Town of Guilford	Chenango	Eligible
230	2-1.11	01707.000077	1289 Main Street	Town of Guilford	Chenango	Eligible
231	2-1.11	01707.000045	106 Depot Street	Town of Guilford	Chenango	Eligible
232	2-1.11	01707.000055	1302 Main Street	Town of Guilford	Chenango	Eligible
233	2-1.11	01707.000076	1301 Main Street	Town of Guilford	Chenango	Eligible
234	2-1.11	01707.000061	1304 Main Street	Town of Guilford	Chenango	Eligible
235	2-1.11	01707.000075	1303 Main Street	Town of Guilford	Chenango	Eligible
236	2-1.11	01707.000056	1305 Main Street	Town of Guilford	Chenango	Eligible
237	2-1.11	01707.000127	120 Furnace Hill Rd	Town of Guilford	Chenango	Listed
238	2-1.11	01707.000130	138 School Street, Guilford	Town of Guilford	Chenango	Eligible
239	2-1.11	01707.000060	1331 Main Street	Town of Guilford	Chenango	Eligible
240	2-1.11	01707.000121	Guilford Center Cemetery	Town of Guilford	Chenango	Listed
241	2-1.11	01707.000014	Guilford Center Presbyterian Church	Town of Guilford	Chenango	Listed
242	2-1.11	01707.000003	113 Marble Road	Town of Guilford	Chenango	Eligible
243	2-1.11	01707.000157	Godfrey's Corners Cemetery	Town of Guilford	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
244	2-1.11	01707.000156	797 County Road 37	Town of Guilford	Chenango	Eligible
245	2-1.14	01707.000155	158 Trestle-Hucklebon Road	Town of Guilford	Chenango	Eligible
246	2-1.14	01707.000154	Ives Settlement Cemetery	Town of Guilford	Chenango	Eligible
247	2-1.14	01707.000152	2075 County Route 35	Town of Guilford	Chenango	Eligible
248	2-1.14	01707.000095	Rockdale Community Church	Town of Guilford	Chenango	Listed
249	2-1.14	01707.000094	343 Rockdale Road	Town of Guilford	Chenango	Eligible
250	2-1.14	01707.000096	932 State Route 8	Town of Guilford	Chenango	Eligible
251	2-1.14	07722.000164	Spencer Cemetery	Town of Unadilla	Otsego	Eligible
252	2-1.16	01702.000042	Haddad Residence	Town of Bainbridge	Chenango	Eligible
253	2-1.20	01742.000554	Greenlawn Elementary School	Town of Bainbridge	Chenango	Eligible
254	2-1.20	01742.000072	Steads/Judd Res	Town of Bainbridge	Chenango	Eligible
255	2-1.20	01742.000074	Riley/Avringer Res.	Town of Bainbridge	Chenango	Eligible
256	2-1.20	01742.000075	Hall/Fenstemaches Res.	Town of Bainbridge	Chenango	Eligible
257	2-1.20	01742.000076	Burman/Bristol	Town of Bainbridge	Chenango	Eligible
258	2-1.20	01742.000078	Howe / Bordens Residence	Town of Bainbridge	Chenango	Eligible
259	2-1.20	01742.000077	Bowel -O-Drome	Town of Bainbridge	Chenango	Eligible
260	2-1.17	01702.000083	Harmonie Hall	Town of Bainbridge	Chenango	Eligible
261	2-1.18	01702.000016	Tianaderhah	Town of Bainbridge	Chenango	Eligible
262	2-1.18	01702.000050	270 Kelley Road	Town of Bainbridge	Chenango	Eligible
263	2-1.18	07722.000163	342 County Road 1	Town of Unadilla	Otsego	Eligible
264	2-1.18	07722.000091	237 State Highway 7	Town of Unadilla	Otsego	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
265	2-1.18	07722.000108	157 Riverside Drive	Town of Unadilla	Otsego	Eligible
266	2-1.18	07722.000109	361 State Highway 7	Town of Unadilla	Otsego	Eligible
267	2-1.18	07722.000110	367 State Highway 7	Town of Unadilla	Otsego	Eligible
268	2-1.18	07722.000111	375 State Highway 7	Town of Unadilla	Otsego	Eligible
269	2-1.18	07722.000112	377 State Highway 7	Town of Unadilla	Otsego	Eligible
270	2-1.18	07722.000113	378 State Highway 7	Town of Unadilla	Otsego	Eligible
271	2-1.18	07722.000009	Andrew Mann Inn	Town of Unadilla	Otsego	Listed
272	2-1.18	07722.000114	380 State Highway 7	Town of Unadilla	Otsego	Eligible
273	2-1.18	07722.000115	387 State Highway 7	Town of Unadilla	Otsego	Eligible
274	2-1.18	07722.000118	391 State Highway 7	Town of Unadilla	Otsego	Eligible
275	2-1.18	07722.000116	388 State Highway 7	Town of Unadilla	Otsego	Eligible
276	2-1.18	07722.000119	393 State Highway 7	Town of Unadilla	Otsego	Eligible
277	2-1.18	07722.000117	390 State Highway 7	Town of Unadilla	Otsego	Eligible
278	2-1.18	07722.000135	443 Ny 7	Town of Unadilla	Otsego	Eligible
279	2-1.18	07722.000120	396 State Highway 7	Town of Unadilla	Otsego	Eligible
280	2-1.18	07722.000121	401 State Highway 7	Town of Unadilla	Otsego	Eligible
281	2-1.18	07722.000122	403 State Highway 7	Town of Unadilla	Otsego	Eligible
282	2-1.18	07722.000123	407 State Highway 7	Town of Unadilla	Otsego	Eligible
283	2-1.18	07722.000124	409 State Highway 7	Town of Unadilla	Otsego	Eligible
284	2-1.18	07722.000125	411 State Highway 7	Town of Unadilla	Otsego	Eligible
285	2-1.18	07722.000126	414 State Highway 7	Town of Unadilla	Otsego	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
286	2-1.18	07722.000128	415 State Highway 7	Town of Unadilla	Otsego	Eligible
287	2-1.18	07722.000127	418 State Highway 7	Town of Unadilla	Otsego	Eligible
288	2-1.18	07722.000130	425 State Highway 7	Town of Unadilla	Otsego	Eligible
289	2-1.18	02540.000808	Johnston/Clum House	Town of Sidney	Delaware	Listed
290	2-1.18	02540.000807	116 River Street	Town of Sidney	Delaware	Listed
291	2-1.18	02540.000804	Non-Contributing	Town of Sidney	Delaware	Listed
292	2-1.18	02540.000806	114 River Street	Town of Sidney	Delaware	Listed
293	2-1.18	02540.000805	112 River St	Town of Sidney	Delaware	Listed
294	2-1.18	02540.000803	107-109 River St	Town of Sidney	Delaware	Listed
295	2-1.18	02540.000802	108 River St	Town of Sidney	Delaware	Listed
296	2-1.18	02540.000800	105 River Street	Town of Sidney	Delaware	Listed
297	2-1.18	02540.000422	2 Camp Street	Town of Sidney	Delaware	Listed
298	2-1.18	02540.000801	106 River St	Town of Sidney	Delaware	Listed
299	2-1.18	02540.000799	104 River St	Town of Sidney	Delaware	Listed
300	2-1.18	02540.000421	1 Camp Street	Town of Sidney	Delaware	Listed
301	2-1.18	02540.000798	103 River St	Town of Sidney	Delaware	Listed
302	2-1.18	02540.000797	99 River St	Town of Sidney	Delaware	Listed
303	2-1.18	02540.000810	Water Treatment Plant, Keith Clark Park, Non-Contributing	Town of Sidney	Delaware	Listed
304	2-1.18	02540.000796	97 River St	Town of Sidney	Delaware	Listed
305	2-1.18	02540.000427	10 Camp Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
306	2-1.18	02540.000426	Demolished	Town of Sidney	Delaware	Listed
307	2-1.18	02540.000794	95 River Street, Sidney	Town of Sidney	Delaware	Listed
308	2-1.18	02540.000688	39 Oak Ave	Town of Sidney	Delaware	Listed
309	2-1.18	02540.000792	91 River St	Town of Sidney	Delaware	Listed
310	2-1.18	02540.000943	34 Winegard Street	Town of Sidney	Delaware	Listed
311	2-1.18	02540.000429	12 Camp Street	Town of Sidney	Delaware	Listed
312	2-1.18	02540.000428	11 Camp Street	Town of Sidney	Delaware	Listed
313	2-1.18	02540.000946	39 Winegard St	Town of Sidney	Delaware	Listed
314	2-1.18	02540.000430	16 Camp Street	Town of Sidney	Delaware	Listed
315	2-1.18	02540.000791	89 River Street, Sidney	Town of Sidney	Delaware	Listed
316	2-1.18	02540.000941	32 Winegard St	Town of Sidney	Delaware	Listed
317	2-1.18	02540.000945	37 Winegard St	Town of Sidney	Delaware	Listed
318	2-1.18	02540.000689	40 Oak Avenue	Town of Sidney	Delaware	Listed
319	2-1.18	02540.000793	94 River St	Town of Sidney	Delaware	Listed
320	2-1.18	02540.000790	87 River Street	Town of Sidney	Delaware	Listed
321	2-1.18	02540.000939	30 Winegard Street	Town of Sidney	Delaware	Listed
322	2-1.18	02540.000944	35 Winegard St	Town of Sidney	Delaware	Listed
323	2-1.18	02540.000788	85 River St	Town of Sidney	Delaware	Listed
324	2-1.18	02540.000431	19 Camp Street	Town of Sidney	Delaware	Listed
325	2-1.18	02540.000942	33 Winegard Street	Town of Sidney	Delaware	Listed
326	2-1.18	02540.000684	33 Oak Ave	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
327	2-1.18	02540.000789	Residence	Town of Sidney	Delaware	Listed
328	2-1.18	02540.000937	26 Winegard Street	Town of Sidney	Delaware	Listed
329	2-1.18	02540.000786	83 River Street	Town of Sidney	Delaware	Listed
330	2-1.18	02540.000685	34 Oak Avenue	Town of Sidney	Delaware	Listed
331	2-1.18	02540.000940	31 Winegard St	Town of Sidney	Delaware	Listed
332	2-1.18	02540.000784	81 River Street	Town of Sidney	Delaware	Listed
333	2-1.18	02540.000787	84 River St	Town of Sidney	Delaware	Listed
334	2-1.18	02540.000935	24 Winegard Street	Town of Sidney	Delaware	Listed
335	2-1.18	02540.000938	29 Winegard Street	Town of Sidney	Delaware	Listed
336	2-1.18	02540.000681	29 Oak Ave	Town of Sidney	Delaware	Listed
337	2-1.18	02540.000783	79 River Street	Town of Sidney	Delaware	Listed
338	2-1.18	02540.000933	22 Winegard Street	Town of Sidney	Delaware	Listed
339	2-1.18	02540.000785	82 River Streeet	Town of Sidney	Delaware	Listed
340	2-1.18	02540.000781	77 River St	Town of Sidney	Delaware	Listed
341	2-1.18	02540.000932	20 Winegard St	Town of Sidney	Delaware	Listed
342	2-1.18	02540.000679	25 Oak Avenue	Town of Sidney	Delaware	Listed
343	2-1.18	02540.000779	75 River St	Town of Sidney	Delaware	Listed
344	2-1.18	02540.000680	28 Oak Ave	Town of Sidney	Delaware	Listed
345	2-1.18	02540.000743	Non-Contributing	Town of Sidney	Delaware	Listed
346	2-1.18	02540.000782	78 River St	Town of Sidney	Delaware	Listed
347	2-1.18	02540.000778	71-73 River St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	<b>Property Name</b>	Municipality	County	Eligibility Status
348	2-1.18	02540.000934	23 Winegard Street	Town of Sidney	Delaware	Listed
349	2-1.18	02540.000780	Non-Contributing	Town of Sidney	Delaware	Listed
350	2-1.18	02540.000677	Non-Contributing	Town of Sidney	Delaware	Listed
351	2-1.18	02540.000930	16 Winegard St	Town of Sidney	Delaware	Listed
352	2-1.18	02540.000486	4-6 Colgrove Street	Town of Sidney	Delaware	Listed
353	2-1.18	02540.000776	69 River Street	Town of Sidney	Delaware	Listed
354	2-1.18	02540.000676	Non-Contributing	Town of Sidney	Delaware	Listed
355	2-1.18	02540.000487	8 Colegrove Street	Town of Sidney	Delaware	Listed
356	2-1.18	02540.000774	Residence	Town of Sidney	Delaware	Listed
357	2-1.18	02540.000931	17 Winegard St	Town of Sidney	Delaware	Listed
358	2-1.18	02540.000674	20 Oak Avenue	Town of Sidney	Delaware	Listed
359	2-1.18	02540.000772	House At 65 River Street	Town of Sidney	Delaware	Listed
360	2-1.18	02540.000485	5 Colegrove Street	Town of Sidney	Delaware	Listed
361	2-1.18	02540.000673	18 Oak Ave	Town of Sidney	Delaware	Listed
362	2-1.18	02540.000671	13 Oak Avenue	Town of Sidney	Delaware	Listed
363	2-1.18	02540.000488	12 Colegrove Street	Town of Sidney	Delaware	Listed
364	2-1.18	02540.000929	Non-Contributing	Town of Sidney	Delaware	Listed
365	2-1.18	02540.000777	Residence	Town of Sidney	Delaware	Listed
366	2-1.18	02540.000928	10 Winegard Street	Town of Sidney	Delaware	Listed
367	2-1.18	02540.000669	9 Oak Ave	Town of Sidney	Delaware	Listed
368	2-1.18	02540.000489	13 Colegrove Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
369	2-1.18	02540.000927	9 Winegard Street	Town of Sidney	Delaware	Listed
370	2-1.18	02540.000775	68 River St	Town of Sidney	Delaware	Listed
371	2-1.18	02540.000490	17 Colgrove Street	Town of Sidney	Delaware	Listed
372	2-1.18	02540.000926	7 Winegard Street	Town of Sidney	Delaware	Listed
373	2-1.18	02540.000770	Non-Contributing	Town of Sidney	Delaware	Listed
374	2-1.18	02540.000569	2 Gilbert St	Town of Sidney	Delaware	Listed
375	2-1.18	02540.000575	66 River Street	Town of Sidney	Delaware	Listed
376	2-1.18	02540.000773	66 River	Town of Sidney	Delaware	Listed
377	2-1.18	02540.000767	Non-Contributing	Town of Sidney	Delaware	Listed
378	2-1.18	02540.000571	4 Gilbert Street	Town of Sidney	Delaware	Listed
379	2-1.18	02540.000491	21 Colegrove Street	Town of Sidney	Delaware	Listed
380	2-1.18	02540.000766	57 River St	Town of Sidney	Delaware	Listed
381	2-1.18	02540.000771	64 River Street	Town of Sidney	Delaware	Listed
382	2-1.18	02540.000668	6 Oak Ave	Town of Sidney	Delaware	Listed
383	2-1.18	02540.000574	8 Gilbert St	Town of Sidney	Delaware	Listed
384	2-1.18	02540.000769	Residence	Town of Sidney	Delaware	Listed
385	2-1.18	02540.000570	3 Gilbert St	Town of Sidney	Delaware	Listed
386	2-1.18	02540.000667	Non-Contributing	Town of Sidney	Delaware	Listed
387	2-1.18	02540.000982	12 Gilbert Street	Town of Sidney	Delaware	Listed
389	2-1.18	02540.000666	4 Oak Avenue	Town of Sidney	Delaware	Listed
390	2-1.18	02540.000763	53 River St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
391	2-1.18	02540.000768	60 River St	Town of Sidney	Delaware	Listed
392	2-1.18	02540.000576	14 Gilbert St	Town of Sidney	Delaware	Listed
393	2-1.18	02540.000572	5 Gilbert Street	Town of Sidney	Delaware	Listed
394	2-1.18	02540.000578	Residence	Town of Sidney	Delaware	Listed
395	2-1.18	02540.000702	2 Patterson St	Town of Sidney	Delaware	Listed
396	2-1.18	02540.000761	51 River Street	Town of Sidney	Delaware	Listed
397	2-1.18	02540.000869	22 Weir St	Town of Sidney	Delaware	Listed
398	2-1.18	02540.000760	49 River St	Town of Sidney	Delaware	Listed
399	2-1.18	02540.000764	54 River St	Town of Sidney	Delaware	Listed
400	2-1.18	02540.000573	7 Gilbert St	Town of Sidney	Delaware	Listed
401	2-1.18	02540.000704	4 Patterson Street	Town of Sidney	Delaware	Listed
402	2-1.18	02540.000864	9 Weir Street	Town of Sidney	Delaware	Listed
403	2-1.18	02540.000868	20 Weir St	Town of Sidney	Delaware	Listed
404	2-1.18	02540.000758	47 River Street	Town of Sidney	Delaware	Listed
405	2-1.18	02540.000703	3 Patterson Street	Town of Sidney	Delaware	Listed
406	2-1.18	02540.000765	56-58 River St	Town of Sidney	Delaware	Listed
407	2-1.18	02540.000705	5 Patterson St	Town of Sidney	Delaware	Listed
408	2-1.18	02540.000762	52 River St	Town of Sidney	Delaware	Listed
409	2-1.18	02540.000867	16-18 Weir St	Town of Sidney	Delaware	Listed
410	2-1.18	02540.000369	45 River St	Town of Sidney	Delaware	Listed
411	2-1.18	02540.000861	5-7 Weir St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
412	2-1.18	02540.000706	7 Patterson St	Town of Sidney	Delaware	Listed
413	2-1.18	02540.000580	18 Gilbert Street	Town of Sidney	Delaware	Listed
414	2-1.18	02540.000866	Residence	Town of Sidney	Delaware	Listed
415	2-1.18	02540.000759	48 River St	Town of Sidney	Delaware	Listed
416	2-1.18	02540.000859	3 Weir St	Town of Sidney	Delaware	Listed
417	2-1.18	02540.000707	Non-Contributing	Town of Sidney	Delaware	Listed
418	2-1.18	02540.000582	Residence	Town of Sidney	Delaware	Listed
419	2-1.18	02540.000865	10 Weir Street	Town of Sidney	Delaware	Listed
420	2-1.18	02540.000757	46 River St	Town of Sidney	Delaware	Listed
421	2-1.18	02540.000584	22 Gilbert Street	Town of Sidney	Delaware	Listed
422	2-1.18	02540.000755	Residence	Town of Sidney	Delaware	Listed
423	2-1.18	02540.000863	8 Weir St	Town of Sidney	Delaware	Listed
424	2-1.18	02540.000585	24 Gilbert St	Town of Sidney	Delaware	Listed
425	2-1.18	02540.000753	41 River Street	Town of Sidney	Delaware	Eligible
426	2-1.18	02540.000843	2 Union Street	Town of Sidney	Delaware	Listed
427	2-1.18	02540.000756	44 River St	Town of Sidney	Delaware	Listed
428	2-1.18	02540.000586	26 Gilbert St	Town of Sidney	Delaware	Listed
429	2-1.18	02540.000524	23-25 Division St	Town of Sidney	Delaware	Listed
430	2-1.18	02540.000522	No-Contributing	Town of Sidney	Delaware	Listed
431	2-1.18	02540.000752	Residence	Town of Sidney	Delaware	Listed
432	2-1.18	02540.000587	28 Gilbert Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
433	2-1.18	02540.000577	13-15 Gilbert St	Town of Sidney	Delaware	Listed
434	2-1.18	02540.000860	4 Weir St	Town of Sidney	Delaware	Listed
435	2-1.18	02540.000588	30 Gilbert St	Town of Sidney	Delaware	Eligible
436	2-1.18	02540.000844	1-3 Union St	Town of Sidney	Delaware	Listed
437	2-1.18	02540.000579	17 Gilbert St	Town of Sidney	Delaware	Listed
438	2-1.18	02540.000254	Residence	Town of Sidney	Delaware	Listed
439	2-1.18	02540.000845	4 Union St	Town of Sidney	Delaware	Listed
440	2-1.18	02540.000846	5 Union St	Town of Sidney	Delaware	Listed
441	2-1.18	02540.000581	19 Gilbert St	Town of Sidney	Delaware	Listed
442	2-1.18	02540.000754	40-42 River St, Sidney	Town of Sidney	Delaware	Listed
443	2-1.18	02540.000583	21-23 Gilbert St	Town of Sidney	Delaware	Listed
444	2-1.18	02540.000251	36 River Street	Town of Sidney	Delaware	Listed
445	2-1.18	02540.000529	36 Division Street	Town of Sidney	Delaware	Listed
446	2-1.18	02540.000250	Residence	Town of Sidney	Delaware	Listed
447	2-1.18	02540.000253	Residence	Town of Sidney	Delaware	Listed
448	2-1.18	02540.000528	34 Division St	Town of Sidney	Delaware	Listed
449	2-1.18	02540.000856	Non-Contributing	Town of Sidney	Delaware	Listed
450	2-1.18	02540.000850	10 Union Street	Town of Sidney	Delaware	Listed
451	2-1.18	02540.000252	Residence	Town of Sidney	Delaware	Listed
452	2-1.18	02540.000256	Residence	Town of Sidney	Delaware	Listed
453	2-1.18	02540.000858	Non-Contributing	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
454	2-1.18	02540.000848	7 Union Street, Sidney	Town of Sidney	Delaware	Listed
455	2-1.18	02540.000852	12 Union St	Town of Sidney	Delaware	Listed
456	2-1.18	02540.000247	Residence	Town of Sidney	Delaware	Listed
457	2-1.18	02540.000249	Residence	Town of Sidney	Delaware	Listed
458	2-1.18	02540.000849	9 Union St	Town of Sidney	Delaware	Listed
459	2-1.18	02540.000855	16 Union St	Town of Sidney	Delaware	Listed
460	2-1.18	02540.000851	11 Union Street	Town of Sidney	Delaware	Listed
461	2-1.18	02540.000751	First Baptist Church Of Sidney	Town of Sidney	Delaware	Listed
462	2-1.18	02540.000246	Residence	Town of Sidney	Delaware	Listed
463	2-1.18	02540.000248	Residence	Town of Sidney	Delaware	Listed
464	2-1.18	02540.000853	13 Union Street	Town of Sidney	Delaware	Listed
465	2-1.18	02540.000854	15 Union St	Town of Sidney	Delaware	Listed
466	2-1.18	02540.000750	St Paul's Episcopal Church	Town of Sidney	Delaware	Listed
467	2-1.18	02540.000527	Non-Contributing	Town of Sidney	Delaware	Listed
468	2-1.18	02540.000526	26-30 Division St	Town of Sidney	Delaware	Listed
469	2-1.18	02540.000857	Non-Contributing	Town of Sidney	Delaware	Listed
470	2-1.18	02540.000525	24 Division St	Town of Sidney	Delaware	Listed
471	2-1.18	02540.000589	2 Grand Street	Town of Sidney	Delaware	Listed
472	2-1.18	02540.000472	4 Clinton Street	Town of Sidney	Delaware	Listed
473	2-1.18	02540.000523	22 Division St	Town of Sidney	Delaware	Listed
474	2-1.18	02540.000245	Residence	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
475	2-1.18	02540.000748	22 River St	Town of Sidney	Delaware	Listed
476	2-1.18	02540.000590	4 Grand Street	Town of Sidney	Delaware	Listed
477	2-1.18	02540.000474	6 Clinton Street	Town of Sidney	Delaware	Listed
478	2-1.18	02540.000749	24 River St	Town of Sidney	Delaware	Listed
479	2-1.18	02540.000520	20 Division St	Town of Sidney	Delaware	Listed
480	2-1.18	02540.000591	6 Grand St	Town of Sidney	Delaware	Listed
481	2-1.18	02540.000470	1 Clinton Street	Town of Sidney	Delaware	Listed
482	2-1.18	02540.000747	Residence	Town of Sidney	Delaware	Listed
483	2-1.18	02540.000592	8 Grand St	Town of Sidney	Delaware	Listed
484	2-1.18	02540.000476	8 Clinton Street	Town of Sidney	Delaware	Listed
485	2-1.18	02540.000521	No-Contributing	Town of Sidney	Delaware	Listed
486	2-1.18	02540.000471	3 Clinton Street	Town of Sidney	Delaware	Listed
487	2-1.18	02540.000244	Residence	Town of Sidney	Delaware	Listed
488	2-1.18	02540.000477	10 Clinton Street	Town of Sidney	Delaware	Listed
489	2-1.18	02540.000519	19 Division St	Town of Sidney	Delaware	Listed
490	2-1.18	02540.000241	Residence	Town of Sidney	Delaware	Listed
491	2-1.18	02540.000479	12 Clinton Street	Town of Sidney	Delaware	Listed
492	2-1.18	02540.000473	5 Clinton Street	Town of Sidney	Delaware	Listed
493	2-1.18	02540.000243	Residence	Town of Sidney	Delaware	Listed
494	2-1.18	02540.000475	7 Clinton Street	Town of Sidney	Delaware	Listed
495	2-1.18	02516.000210	Pioneer Cemetery	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
496	2-1.18	02540.000746	11 River St	Town of Sidney	Delaware	Listed
497	2-1.18	02540.000242	11 River Street, Sidney	Town of Sidney	Delaware	Listed
498	2-1.18	02540.000394	34 Adams Street	Town of Sidney	Delaware	Listed
499	2-1.18	02540.000478	House At 11 Clinton Street	Town of Sidney	Delaware	Listed
500	2-1.18	02540.000842	Non-Contributing	Town of Sidney	Delaware	Listed
501	2-1.18	02540.000480	16 Clinton Street	Town of Sidney	Delaware	Listed
502	2-1.18	02540.000593	12 Grand St	Town of Sidney	Delaware	Listed
503	2-1.18	02540.000594	14-16 Grand St	Town of Sidney	Delaware	Listed
504	2-1.18	02540.000510	33 Delaware Avenue	Town of Sidney	Delaware	Listed
505	2-1.18	02540.000629	Non-Contributing	Town of Sidney	Delaware	Listed
506	2-1.18	02540.000257	Sidney Memorial Library	Town of Sidney	Delaware	Listed
507	2-1.18	02540.000482	18-20 Clinton Street	Town of Sidney	Delaware	Listed
508	2-1.18	02540.000595	18-24 Grand St	Town of Sidney	Delaware	Listed
509	2-1.18	02540.000393	32 Adams Street	Town of Sidney	Delaware	Listed
510	2-1.18	02540.000745	Sidney Municipal Buildiing	Town of Sidney	Delaware	Listed
511	2-1.18	02540.000483	22 Clinton Street	Town of Sidney	Delaware	Listed
512	2-1.18	02540.000831	29 Sherman Ave	Town of Sidney	Delaware	Listed
513	2-1.18	02540.000517	14 Division St	Town of Sidney	Delaware	Listed
514	2-1.18	02540.000744	7 River St	Town of Sidney	Delaware	Listed
515	2-1.18	02540.000392	29 Adams Street	Town of Sidney	Delaware	Listed
516	2-1.18	02540.000598	26 Grand St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
517	2-1.18	02540.000414	First Congregational Church	Town of Sidney	Delaware	Listed
518	2-1.18	02540.000518	16-18 Division St	Town of Sidney	Delaware	Listed
519	2-1.18	02540.000599	28 Grand St	Town of Sidney	Delaware	Listed
520	2-1.18	02540.000484	26 Clinton Street	Town of Sidney	Delaware	Listed
521	2-1.18	02540.000509	27 Delaware Avenue	Town of Sidney	Delaware	Listed
522	2-1.18	02540.000481	17 Clinton Street	Town of Sidney	Delaware	Listed
523	2-1.18	02540.000391	25 Adams Street	Town of Sidney	Delaware	Listed
524	2-1.18	02540.000828	26 Sherman Ave	Town of Sidney	Delaware	Listed
524	2-1.18	02540.000600	30 Grand St	Town of Sidney	Delaware	Listed
525	2-1.18	02540.000508	25 Delaware Avenue	Town of Sidney	Delaware	Listed
526	2-1.18	02540.000492	2 Deforest Lane	Town of Sidney	Delaware	Listed
527	2-1.18	02540.000827	25 Sherman Ave	Town of Sidney	Delaware	Listed
528	2-1.18	02540.000504	16 Delaware Avenue	Town of Sidney	Delaware	Listed
529	2-1.18	02540.000597	25 Grand St	Town of Sidney	Delaware	Listed
530	2-1.18	02540.000826	24 Sherman Ave	Town of Sidney	Delaware	Listed
531	2-1.18	02540.000240	5-7 Bridge Street	Town of Sidney	Delaware	Listed
532	2-1.18	02540.000507	23 Delaware Avenue	Town of Sidney	Delaware	Listed
533	2-1.18	02540.000516	Non-Contributing	Town of Sidney	Delaware	Listed
534	2-1.18	02540.000282	29 Bridge Street	Town of Sidney	Delaware	Listed
535	2-1.18	02540.000596	23 Grand St	Town of Sidney	Delaware	Listed
536	2-1.18	02540.000389	23 Adams Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
537	2-1.18	02540.000416	9-11 Bridge Street	Town of Sidney	Delaware	Listed
538	2-1.18	02540.000631	5 Main St	Town of Sidney	Delaware	Listed
539	2-1.18	02540.000365	7 Main St	Town of Sidney	Delaware	Listed
540	2-1.18	02540.000630	Non-Contributing	Town of Sidney	Delaware	Listed
541	2-1.18	02540.000633	11-13 Main St	Town of Sidney	Delaware	Listed
542	2-1.18	02540.000632	Non-Contributing	Town of Sidney	Delaware	Listed
543	2-1.18	02540.000634	15-17 Main St	Town of Sidney	Delaware	Listed
544	2-1.18	02540.000506	21 Delaware Avenue	Town of Sidney	Delaware	Listed
545	2-1.18	02540.000387	21 Adams Street	Town of Sidney	Delaware	Listed
546	2-1.18	02540.000275	13 Bridge Street	Town of Sidney	Delaware	Listed
547	2-1.18	02540.000418	21-23 Bridge Street	Town of Sidney	Delaware	Listed
548	2-1.18	02540.000825	22 Sherman Ave	Town of Sidney	Delaware	Listed
549	2-1.18	02540.000415	2 Bridge Street	Town of Sidney	Delaware	Listed
550	2-1.18	02540.000515	Non-Contributing	Town of Sidney	Delaware	Listed
551	2-1.18	02540.000276	15 Bridge Street	Town of Sidney	Delaware	Listed
552	2-1.18	02516.000251	17 Bridge Street	Town of Sidney	Delaware	Listed
553	2-1.18	02540.000278	19 Bridge Street	Town of Sidney	Delaware	Listed
554	2-1.18	02540.000823	20 Sherman Ave	Town of Sidney	Delaware	Listed
555	2-1.18	02540.000514	11 Division Street	Town of Sidney	Delaware	Listed
556	2-1.18	02540.000513	10 Division Street	Town of Sidney	Delaware	Listed
557	2-1.18	02540.000258	8 Bridge Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
558	2-1.18	02540.000601	Non-Contributing	Town of Sidney	Delaware	Listed
559	2-1.18	02540.000279	25 Bridge Street	Town of Sidney	Delaware	Listed
560	2-1.18	02540.000948	Baptist Church Parsonage	Town of Sidney	Delaware	Listed
561	2-1.18	02540.000390	24 Adams Street	Town of Sidney	Delaware	Listed
562	2-1.18	02540.000822	17 Sherman Ave	Town of Sidney	Delaware	Listed
563	2-1.18	02540.000636	Spencer Block	Town of Sidney	Delaware	Listed
564	2-1.18	02540.000280	27 Bridge Street	Town of Sidney	Delaware	Listed
565	2-1.18	02540.000417	10 Bridge Street	Town of Sidney	Delaware	Listed
566	2-1.18	02540.000512	9 Division Street	Town of Sidney	Delaware	Listed
567	2-1.18	02540.000635	Landers Chapel	Town of Sidney	Delaware	Listed
568	2-1.18	02540.000511	5-7 Division Street	Town of Sidney	Delaware	Listed
569	2-1.18	02540.000638	37 Main St	Town of Sidney	Delaware	Listed
570	2-1.18	02540.000639	Non-Contributing	Town of Sidney	Delaware	Listed
571	2-1.18	02540.000384	17 Adams Street	Town of Sidney	Delaware	Listed
572	2-1.18	02540.000505	17 Delaware Avenue	Town of Sidney	Delaware	Listed
573	2-1.18	02540.000830	28 Sherman Ave	Town of Sidney	Delaware	Listed
574	2-1.18	02540.000637	36-40 Main St	Town of Sidney	Delaware	Listed
575	2-1.18	02540.000420	49 Bridge Street	Town of Sidney	Delaware	Listed
576	2-1.18	02540.000281	31 Bridge Street	Town of Sidney	Delaware	Listed
577	2-1.18	02540.000289	47 Bridge Street	Town of Sidney	Delaware	Listed
578	2-1.18	02540.000820	15 Sherman Ave	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
579	2-1.18	02540.000503	14 Delaware Avenue	Town of Sidney	Delaware	Listed
580	2-1.18	02540.000640	Bennett Block	Town of Sidney	Delaware	Listed
581	2-1.18	02540.000283	33 Bridge Street	Town of Sidney	Delaware	Listed
582	2-1.18	02540.000262	20 Bridge Street	Town of Sidney	Delaware	Listed
583	2-1.18	02540.000981	15 Delaware Avenue	Town of Sidney	Delaware	Listed
584	2-1.18	02540.000819	Non-Contributing	Town of Sidney	Delaware	Listed
585	2-1.18	02540.000829	27 Sherman Ave	Town of Sidney	Delaware	Listed
586	2-1.18	02540.000284	35 Bridge Street	Town of Sidney	Delaware	Listed
587	2-1.18	02540.000386	20 Adams Street	Town of Sidney	Delaware	Listed
588	2-1.18	02540.000383	15 Adams Street	Town of Sidney	Delaware	Listed
589	2-1.18	02516.000262	43-45 Bridge Street	Town of Sidney	Delaware	Listed
590	2-1.18	02540.000643	56 Main St	Town of Sidney	Delaware	Listed
591	2-1.18	02540.000285	37 Bridge Street	Town of Sidney	Delaware	Listed
592	2-1.18	02516.000237	22 Bridge Street	Town of Sidney	Delaware	Listed
593	2-1.18	02540.000367	55-53 Main St	Town of Sidney	Delaware	Listed
594	2-1.18	02540.000818	13 Sherman Ave	Town of Sidney	Delaware	Listed
595	2-1.18	02540.000645	58 Main St	Town of Sidney	Delaware	Listed
596	2-1.18	02540.000644	Stanley's Theater	Town of Sidney	Delaware	Listed
597	2-1.18	02540.000264	26 Bridge Street	Town of Sidney	Delaware	Listed
598	2-1.18	02540.000419	41 Bridge Street	Town of Sidney	Delaware	Listed
599	2-1.18	02540.000642	53 Main St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
600	2-1.18	02540.000641	52-54 Main St	Town of Sidney	Delaware	Listed
601	2-1.18	02516.000252	39 Bridge Street	Town of Sidney	Delaware	Listed
602	2-1.18	02540.000646	60 Main St	Town of Sidney	Delaware	Listed
603	2-1.18	02540.000532	6 Doran Ln	Town of Sidney	Delaware	Listed
604	2-1.18	02540.000265	28 Bridge Street	Town of Sidney	Delaware	Listed
605	2-1.18	02540.000385	18 Adams Street	Town of Sidney	Delaware	Listed
606	2-1.18	02540.000817	12 Sherman Ave	Town of Sidney	Delaware	Listed
607	2-1.18	02540.000266	30 Bridge Street	Town of Sidney	Delaware	Listed
608	2-1.18	02540.000502	13 Delaware Avenue	Town of Sidney	Delaware	Listed
609	2-1.18	02540.000267	32-34 Bridge Street	Town of Sidney	Delaware	Listed
610	2-1.18	02540.000316	48 Bridge Street	Town of Sidney	Delaware	Listed
611	2-1.18	02540.000816	11 Sherman Ave	Town of Sidney	Delaware	Listed
612	2-1.18	02540.000649	72 Main St	Town of Sidney	Delaware	Listed
613	2-1.18	02540.000648	67 Main St	Town of Sidney	Delaware	Listed
614	2-1.18	02540.000317	50 Bridge Street	Town of Sidney	Delaware	Listed
615	2-1.18	02540.000501	12 Delaware Avenue	Town of Sidney	Delaware	Listed
616	2-1.18	02540.000651	77 Main St	Town of Sidney	Delaware	Listed
617	2-1.18	02540.000381	11 Adams Street	Town of Sidney	Delaware	Listed
618	2-1.18	02540.000712	1A Pleasant St	Town of Sidney	Delaware	Listed
619	2-1.18	02540.000650	Non-Contributing	Town of Sidney	Delaware	Listed
620	2-1.18	02540.000268	36 Bridge Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
621	2-1.18	02540.000647	64-66 Main St	Town of Sidney	Delaware	Listed
622	2-1.18	02540.000824	21-23 Sherman Ave	Town of Sidney	Delaware	Listed
623	2-1.18	02540.000500	11 Delaware Avenue	Town of Sidney	Delaware	Listed
624	2-1.18	02540.000315	46 Bridge Street	Town of Sidney	Delaware	Listed
625	2-1.18	02540.000652	79-81 Main St	Town of Sidney	Delaware	Listed
626	2-1.18	02540.000815	10 Sherman Ave	Town of Sidney	Delaware	Listed
627	2-1.18	02540.000619	Sacred Heart Catholic Church	Town of Sidney	Delaware	Listed
628	2-1.18	02540.000711	1 Pleasant St	Town of Sidney	Delaware	Listed
629	2-1.18	02540.000653	80 Main St	Town of Sidney	Delaware	Listed
630	2-1.18	02540.000837	City Market	Town of Sidney	Delaware	Listed
631	2-1.18	02540.000290	44 Bridge Street	Town of Sidney	Delaware	Listed
632	2-1.18	02540.000814	9 Sherman Ave	Town of Sidney	Delaware	Listed
633	2-1.18	02540.000274	42 Bridge Street	Town of Sidney	Delaware	Listed
634	2-1.18	02540.000832	3 Smith St	Town of Sidney	Delaware	Listed
635	2-1.18	02540.000499	10 Delaware Avenue	Town of Sidney	Delaware	Listed
636	2-1.18	02516.000304	Trackside Dining	Town of Sidney	Delaware	Eligible
637	2-1.18	02540.000657	88 Main St	Town of Sidney	Delaware	Listed
638	2-1.18	02540.000379	9 Adams Street	Town of Sidney	Delaware	Listed
639	2-1.18	02540.000366	74-78 Main St	Town of Sidney	Delaware	Listed
640	2-1.18	02540.000834	5 Smith St	Town of Sidney	Delaware	Listed
641	2-1.18	02540.000655	Hotel DeCumber	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
642	2-1.18	02540.000813	8 Sherman Ave	Town of Sidney	Delaware	Listed
643	2-1.18	02540.000617	12 Liberty St	Town of Sidney	Delaware	Listed
644	2-1.18	02540.000821	16-18 Sherman Ave	Town of Sidney	Delaware	Listed
645	2-1.18	02540.000812	7 Sherman Ave	Town of Sidney	Delaware	Listed
646	2-1.18	02540.000301	Residence	Town of Sidney	Delaware	Listed
647	2-1.18	02540.000616	10 Liberty St	Town of Sidney	Delaware	Listed
648	2-1.18	02540.000654	84-86 Main St	Town of Sidney	Delaware	Listed
649	2-1.18	02540.000377	7 Adams Street	Town of Sidney	Delaware	Listed
650	2-1.18	02540.000811	6 Sherman Ave	Town of Sidney	Delaware	Listed
651	2-1.18	02540.000318	Residence	Town of Sidney	Delaware	Listed
652	2-1.18	02540.000497	7 Delaware Ave	Town of Sidney	Delaware	Listed
653	2-1.18	02540.000380	10 Adams Street	Town of Sidney	Delaware	Listed
654	2-1.18	02540.000273	Residence	Town of Sidney	Delaware	Listed
655	2-1.18	02540.000656	Non-Contributing	Town of Sidney	Delaware	Listed
656	2-1.18	02540.000872	8 West Main St	Town of Sidney	Delaware	Listed
657	2-1.18	02516.000276	Residence	Town of Sidney	Delaware	Listed
658	2-1.18	02540.000300	Residence	Town of Sidney	Delaware	Listed
659	2-1.18	02540.000833	4 Smith St	Town of Sidney	Delaware	Listed
660	2-1.18	02540.000272	Residence	Town of Sidney	Delaware	Listed
661	2-1.18	02540.000375	5 Adams Street	Town of Sidney	Delaware	Listed
662	2-1.18	02540.000433	5-7 Cartwright Avenue	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
663	2-1.18	02540.000498	8 Delaware Avenue	Town of Sidney	Delaware	Listed
664	2-1.18	02540.000495	5 Delaware Avenue	Town of Sidney	Delaware	Listed
665	2-1.18	02540.000658	89 Main St	Town of Sidney	Delaware	Listed
666	2-1.18	02540.000839	27 Smith St	Town of Sidney	Delaware	Listed
667	2-1.18	02540.000622	21 Liberty St, Sidney	Town of Sidney	Delaware	Listed
668	2-1.18	02540.000378	8-8 1/2 Adams Street	Town of Sidney	Delaware	Listed
669	2-1.18	02540.000303	6 Maple Avenue	Town of Sidney	Delaware	Listed
670	2-1.18	02540.000434	9 Cartwright Avenue	Town of Sidney	Delaware	Listed
671	2-1.18	02540.000835	6 Smith St	Town of Sidney	Delaware	Listed
672	2-1.18	02540.000299	Residence	Town of Sidney	Delaware	Listed
673	2-1.18	02540.000271	7 Pleasant	Town of Sidney	Delaware	Listed
674	2-1.18	02540.000840	31 Smith St	Town of Sidney	Delaware	Listed
675	2-1.18	02540.000305	Residence	Town of Sidney	Delaware	Listed
676	2-1.18	02540.000836	8 Smith St	Town of Sidney	Delaware	Listed
677	2-1.18	02540.000376	6 Adams Street	Town of Sidney	Delaware	Listed
678	2-1.18	02540.000314	Residence	Town of Sidney	Delaware	Listed
679	2-1.18	02540.000436	15-23 Cartwright Avenue	Town of Sidney	Delaware	Listed
680	2-1.18	02540.000841	33 Smith St	Town of Sidney	Delaware	Listed
681	2-1.18	02540.000374	1 Adams Street	Town of Sidney	Delaware	Listed
682	2-1.18	02540.000304	Residence	Town of Sidney	Delaware	Listed
683	2-1.18	02540.000270	Residence	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
684	2-1.18	02540.000496	6 Delaware Avenue	Town of Sidney	Delaware	Listed
685	2-1.18	02540.000469	1 Church Lane	Town of Sidney	Delaware	Listed
686	2-1.18	02540.000493	3 Delaware Avenue	Town of Sidney	Delaware	Listed
687	2-1.18	02540.000298	Residence	Town of Sidney	Delaware	Listed
688	2-1.18	02540.000620	16 Liberty St	Town of Sidney	Delaware	Listed
689	2-1.18	02540.000874	10 West Main St	Town of Sidney	Delaware	Listed
690	2-1.18	02540.000312	11 Maple Avenue	Town of Sidney	Delaware	Listed
691	2-1.18	02540.000876	12 West Main St	Town of Sidney	Delaware	Listed
692	2-1.18	02540.000531	Non-Contributing	Town of Sidney	Delaware	Listed
693	2-1.18	02540.000880	20 West Main St	Town of Sidney	Delaware	Listed
694	2-1.18	02540.000877	14 West Main St	Town of Sidney	Delaware	Listed
695	2-1.18	02540.000838	10 Smith St	Town of Sidney	Delaware	Listed
696	2-1.18	02540.000395	1-3 Avery Street	Town of Sidney	Delaware	Listed
697	2-1.18	02540.000878	16 West Main St	Town of Sidney	Delaware	Listed
698	2-1.18	02540.000623	22-24 Liberty St	Town of Sidney	Delaware	Listed
699	2-1.18	02540.000530	3 Doran Ln	Town of Sidney	Delaware	Listed
700	2-1.18	02540.000618	Sidney United Methodist Church	Town of Sidney	Delaware	Listed
701	2-1.18	02540.000494	4 Delaware Avenue	Town of Sidney	Delaware	Listed
702	2-1.18	02540.000893	4 Willow St	Town of Sidney	Delaware	Listed
703	2-1.18	02540.000664	5-7 New Street	Town of Sidney	Delaware	Listed
704	2-1.18	02540.000621	18 Liberty St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
705	2-1.18	02540.000713	13 Pleasant Street	Town of Sidney	Delaware	Listed
706	2-1.18	02540.000438	27 Cartwright Avenue	Town of Sidney	Delaware	Listed
707	2-1.18	02540.000432	4 Cartwright Avenue	Town of Sidney	Delaware	Listed
708	2-1.18	02540.000882	22 West Main St	Town of Sidney	Delaware	Listed
709	2-1.18	02540.000311	Residence	Town of Sidney	Delaware	Listed
710	2-1.18	02540.000886	30 West Main St	Town of Sidney	Delaware	Listed
711	2-1.18	02540.000883	24 West Main St	Town of Sidney	Delaware	Listed
712	2-1.18	02540.000885	28 West Main St	Town of Sidney	Delaware	Listed
713	2-1.18	02540.000292	Residence	Town of Sidney	Delaware	Listed
714	2-1.18	02540.000396	2 Avery Street	Town of Sidney	Delaware	Listed
715	2-1.18	02540.000714	15 Pleasant St	Town of Sidney	Delaware	Listed
716	2-1.18	02540.000297	Residence	Town of Sidney	Delaware	Listed
717	2-1.18	02540.000661	2 New Street	Town of Sidney	Delaware	Listed
718	2-1.18	02540.000889	38 West Main St	Town of Sidney	Delaware	Listed
719	2-1.18	02540.000888	36 West Main St	Town of Sidney	Delaware	Listed
720	2-1.18	02540.000308	Residence	Town of Sidney	Delaware	Listed
721	2-1.18	02540.000624	26 Liberty Street	Town of Sidney	Delaware	Listed
722	2-1.18	02540.000890	42 West Main St	Town of Sidney	Delaware	Listed
723	2-1.18	02540.000873	9 West Main St	Town of Sidney	Delaware	Listed
724	2-1.18	02540.000439	29 Cartwright Avenue	Town of Sidney	Delaware	Listed
725	2-1.18	02540.000875	11 West Main St, Sidney	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
726	2-1.18	02540.000296	Residence	Town of Sidney	Delaware	Listed
727	2-1.18	02540.000887	32 West Main St	Town of Sidney	Delaware	Listed
728	2-1.18	02540.000625	28 Liberty St	Town of Sidney	Delaware	Listed
729	2-1.18	02540.000891	48 West Main St	Town of Sidney	Delaware	Listed
730	2-1.18	02540.000435	14-16 Cartwright Avenue	Town of Sidney	Delaware	Listed
731	2-1.18	02540.000310	Residence	Town of Sidney	Delaware	Listed
732	2-1.18	02540.000293	Residence	Town of Sidney	Delaware	Listed
733	2-1.18	02540.000468	10 Chestnut Street	Town of Sidney	Delaware	Listed
734	2-1.18	02540.000660	1 New Street	Town of Sidney	Delaware	Listed
735	2-1.18	02540.000397	4 Avery Street	Town of Sidney	Delaware	Listed
736	2-1.18	02540.000400	9 Avery Street	Town of Sidney	Delaware	Listed
737	2-1.18	02540.000663	4 New Street	Town of Sidney	Delaware	Listed
738	2-1.18	02540.000881	21 West Main St	Town of Sidney	Delaware	Listed
739	2-1.18	02540.000892	44-46 West Main St	Town of Sidney	Delaware	Listed
740	2-1.18	02540.000879	17 West Main St	Town of Sidney	Delaware	Listed
741	2-1.18	02540.000871	Non-Contributing	Town of Sidney	Delaware	Listed
742	2-1.18	02540.000295	Residence	Town of Sidney	Delaware	Listed
743	2-1.18	02540.000884	25 West Main St	Town of Sidney	Delaware	Listed
744	2-1.18	02540.000440	35 Cartwright Avenue	Town of Sidney	Delaware	Listed
745	2-1.18	02540.000398	6 Avery Street	Town of Sidney	Delaware	Listed
746	2-1.18	02540.000626	30 Liberty St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
747	2-1.18	02540.000716	Pleasant St School	Town of Sidney	Delaware	Listed
748	2-1.18	02540.000466	8 Chestnut Street	Town of Sidney	Delaware	Listed
749	2-1.18	02540.000294	Residence	Town of Sidney	Delaware	Listed
750	2-1.18	02540.000662	3 New Street	Town of Sidney	Delaware	Listed
751	2-1.18	02540.000467	9 Chestnut Street	Town of Sidney	Delaware	Listed
752	2-1.18	02540.000715	16-18 Pleasant St	Town of Sidney	Delaware	Listed
753	2-1.18	02540.000534	5 East Main St	Town of Sidney	Delaware	Listed
754	2-1.18	02540.000309	Residence	Town of Sidney	Delaware	Listed
755	2-1.18	02540.000718	20 Pleasant St	Town of Sidney	Delaware	Listed
756	2-1.18	02540.000402	11 Avery Street	Town of Sidney	Delaware	Listed
757	2-1.18	02540.000537	9-11 East Main St	Town of Sidney	Delaware	Listed
758	2-1.18	02540.000659	101 Main St	Town of Sidney	Delaware	Listed
759	2-1.18	02540.000536	10 East Main St	Town of Sidney	Delaware	Listed
760	2-1.18	02540.000441	37 Cartwright Avenue	Town of Sidney	Delaware	Listed
761	2-1.18	02540.000399	8 Avery Street	Town of Sidney	Delaware	Listed
762	2-1.18	02540.000465	7 Chestnut Street	Town of Sidney	Delaware	Listed
763	2-1.18	02540.000896	15 Willow St	Town of Sidney	Delaware	Listed
764	2-1.18	02540.000463	4 Chestnut Street	Town of Sidney	Delaware	Listed
765	2-1.18	02540.000535	7 East Main St	Town of Sidney	Delaware	Listed
766	2-1.18	02540.000717	19 Pleasant St	Town of Sidney	Delaware	Listed
767	2-1.18	02540.000404	13 Avery Street	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
768	2-1.18	02540.000538	12 East Main St	Town of Sidney	Delaware	Listed
769	2-1.18	02540.000544	Sydney Pool	Town of Sidney	Delaware	Listed
770	2-1.18	02540.000540	14 East Main St	Town of Sidney	Delaware	Listed
771	2-1.18	02540.000464	5 Chestnut Street	Town of Sidney	Delaware	Listed
772	2-1.18	02540.000401	10 Avery Street	Town of Sidney	Delaware	Listed
773	2-1.18	02540.000533	3 East Main St	Town of Sidney	Delaware	Listed
774	2-1.18	02540.000613	9 Knapp St	Town of Sidney	Delaware	Listed
775	2-1.18	02540.000539	13 East Main St	Town of Sidney	Delaware	Listed
776	2-1.18	02540.000894	10 Willow St	Town of Sidney	Delaware	Listed
777	2-1.18	02540.000442	47 Cartwright Avenue	Town of Sidney	Delaware	Listed
778	2-1.18	02540.000541	15 East Main St	Town of Sidney	Delaware	Listed
779	2-1.18	02540.000609	3-5 Knapp St	Town of Sidney	Delaware	Listed
780	2-1.18	02540.000406	15 Avery Street	Town of Sidney	Delaware	Listed
781	2-1.18	02540.000899	19 Willow St	Town of Sidney	Delaware	Listed
782	2-1.18	02540.000543	18 East Main St	Town of Sidney	Delaware	Listed
783	2-1.18	02540.000615	11 Knapp St	Town of Sidney	Delaware	Listed
784	2-1.18	02540.000721	28 Pleasant St	Town of Sidney	Delaware	Listed
785	2-1.18	02540.000542	17-19 East Main St	Town of Sidney	Delaware	Listed
786	2-1.18	02540.000403	12 Avery Street	Town of Sidney	Delaware	Listed
787	2-1.18	02540.000611	7 Knapp St	Town of Sidney	Delaware	Listed
788	2-1.18	02540.000720	24-26 Pleasant St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
789	2-1.18	02540.000462	1 Chestnut Street	Town of Sidney	Delaware	Listed
790	2-1.18	02540.000722	27-29 Pleasant St	Town of Sidney	Delaware	Listed
791	2-1.18	02540.000719	23 Pleasant St	Town of Sidney	Delaware	Listed
792	2-1.18	02540.000900	Residence	Town of Sidney	Delaware	Listed
793	2-1.18	02540.000614	10 Knapp St	Town of Sidney	Delaware	Listed
794	2-1.18	02540.000370	12 Willow St	Town of Sidney	Delaware	Listed
795	2-1.18	02540.000408	17 Avery Street	Town of Sidney	Delaware	Listed
796	2-1.18	02540.000723	30 Pleasant St	Town of Sidney	Delaware	Listed
797	2-1.18	02540.000405	14 Avery Street	Town of Sidney	Delaware	Listed
798	2-1.18	02540.000902	23 Willow St	Town of Sidney	Delaware	Listed
799	2-1.18	02540.000895	Non-Contributing	Town of Sidney	Delaware	Listed
800	2-1.18	02540.000410	19-21 Avery Street	Town of Sidney	Delaware	Listed
801	2-1.18	02540.000726	34 Pleasant St	Town of Sidney	Delaware	Listed
802	2-1.18	02540.000612	8 Knapp St	Town of Sidney	Delaware	Listed
803	2-1.18	02540.000443	49 Cartwright Avenue	Town of Sidney	Delaware	Listed
804	2-1.18	02540.000903	Residence	Town of Sidney	Delaware	Listed
805	2-1.18	02540.000724	31 Pleasant St	Town of Sidney	Delaware	Listed
806	2-1.18	02540.000610	6 Knapp St	Town of Sidney	Delaware	Listed
807	2-1.18	02540.000725	33-35 Pleasant St	Town of Sidney	Delaware	Listed
808	2-1.18	02540.000407	16 Avery Street	Town of Sidney	Delaware	Listed
809	2-1.18	02540.000727	36 Pleasant St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
810	2-1.18	02540.000897	16 Willow St	Town of Sidney	Delaware	Listed
811	2-1.18	02540.000905	27 Willow St	Town of Sidney	Delaware	Listed
812	2-1.18	02540.000412	23 Avery Street	Town of Sidney	Delaware	Listed
813	2-1.18	02540.000444	51 Cartwright Avenue	Town of Sidney	Delaware	Listed
814	2-1.18	02540.000546	22 East Main St	Town of Sidney	Delaware	Listed
815	2-1.18	02540.000437	26 Cartwright Avenue	Town of Sidney	Delaware	Listed
816	2-1.18	02540.000409	18 Avery Street	Town of Sidney	Delaware	Listed
817	2-1.18	02540.000898	18-20 Willow St	Town of Sidney	Delaware	Listed
818	2-1.18	02540.000907	29 Willow St	Town of Sidney	Delaware	Listed
819	2-1.18	02540.000728	37 Pleasant St	Town of Sidney	Delaware	Listed
820	2-1.18	02540.000445	53 Cartwright Avenue	Town of Sidney	Delaware	Listed
821	2-1.18	02540.000411	20 Avery Street	Town of Sidney	Delaware	Listed
822	2-1.18	02540.000729	38-40 Pleasant St	Town of Sidney	Delaware	Listed
823	2-1.18	02540.000908	31 Willow St	Town of Sidney	Delaware	Listed
824	2-1.18	02540.000732	42 Pleasant St	Town of Sidney	Delaware	Listed
825	2-1.18	02540.000730	39 Pleasant St	Town of Sidney	Delaware	Listed
826	2-1.18	02540.000901	22-24 Willow St	Town of Sidney	Delaware	Listed
827	2-1.18	02540.000735	46 Pleasant St	Town of Sidney	Delaware	Listed
828	2-1.18	02540.000910	33 Willow St	Town of Sidney	Delaware	Listed
829	2-1.18	02540.000904	26 Willow St	Town of Sidney	Delaware	Listed
830	2-1.18	02540.000446	55 Cartwright Avenue	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
831	2-1.18	02540.000731	41 Pleasant St	Town of Sidney	Delaware	Listed
832	2-1.18	02540.000734	45 Pleasant St	Town of Sidney	Delaware	Listed
833	2-1.18	02540.000733	43 Pleasant St	Town of Sidney	Delaware	Listed
834	2-1.18	02540.000740	55-57 Pleasant St	Town of Sidney	Delaware	Listed
835	2-1.18	02540.000736	47 Pleasant St	Town of Sidney	Delaware	Listed
836	2-1.18	02540.000737	Non-Contributing	Town of Sidney	Delaware	Listed
837	2-1.18	02540.000738	51 Pleasant St	Town of Sidney	Delaware	Listed
838	2-1.18	02540.000739	53 Pleasant St	Town of Sidney	Delaware	Listed
839	2-1.18	02540.000547	26 East Main St	Town of Sidney	Delaware	Listed
840	2-1.18	02540.000906	28-30 Willow St	Town of Sidney	Delaware	Listed
841	2-1.18	02540.000909	32 Willow St	Town of Sidney	Delaware	Listed
842	2-1.18	02540.000545	21-23 East Main St	Town of Sidney	Delaware	Listed
843	2-1.18	02540.000447	57 Cartwright Avenue	Town of Sidney	Delaware	Listed
844	2-1.18	02540.000911	35-37 Willow St	Town of Sidney	Delaware	Listed
845	2-1.18	02540.000915	41 Willow St	Town of Sidney	Delaware	Listed
846	2-1.18	02540.000371	36 Willow St	Town of Sidney	Delaware	Listed
847	2-1.18	02540.000448	59 Cartwright Avenue	Town of Sidney	Delaware	Listed
848	2-1.18	02540.000912	38 Willow St	Town of Sidney	Delaware	Listed
849	2-1.18	02540.000914	40 Willow St	Town of Sidney	Delaware	Listed
850	2-1.18	02540.000449	61 Cartwright Avenue	Town of Sidney	Delaware	Listed
851	2-1.18	02540.000451	Cartwright Lot 18	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
852	2-1.18	02540.000919	46 Willow St	Town of Sidney	Delaware	Listed
853	2-1.18	02540.000450	63 Cartwright Avenue	Town of Sidney	Delaware	Listed
854	2-1.18	02540.000916	42-44 Willow St	Town of Sidney	Delaware	Listed
855	2-1.18	02540.000921	49-51 Willow St	Town of Sidney	Delaware	Listed
856	2-1.18	02540.000923	Non-Contributing	Town of Sidney	Delaware	Listed
857	2-1.18	02540.000913	39 Willow St	Town of Sidney	Delaware	Listed
858	2-1.18	02540.000924	Non-Contributing	Town of Sidney	Delaware	Listed
859	2-1.18	02540.000917	43 Willow St	Town of Sidney	Delaware	Listed
860	2-1.18	02540.000918	45 Willow St	Town of Sidney	Delaware	Listed
861	2-1.18	02540.000920	47 Willow St	Town of Sidney	Delaware	Listed
862	2-1.18	02540.000922	53 Willow St	Town of Sidney	Delaware	Listed
863	2-1.18	02540.000549	40 East Main St	Town of Sidney	Delaware	Listed
864	2-1.18	02540.000550	42 East Main St	Town of Sidney	Delaware	Listed
865	2-1.18	02540.000551	50 East Main St	Town of Sidney	Delaware	Listed
866	2-1.18	02540.000552	56 East Main St	Town of Sidney	Delaware	Listed
867	2-1.18	02540.000701	15 Orchard St	Town of Sidney	Delaware	Listed
868	2-1.18	02540.000553	58 East Main St	Town of Sidney	Delaware	Listed
869	2-1.18	02540.000699	11 Orchard St	Town of Sidney	Delaware	Listed
870	2-1.18	02540.000694	7 Orchard St	Town of Sidney	Delaware	Listed
871	2-1.18	02540.000697	9 Orchard St	Town of Sidney	Delaware	Listed
872	2-1.18	02540.000700	13 Orchard St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
873	2-1.18	02540.000555	60 East Main St	Town of Sidney	Delaware	Listed
874	2-1.18	02540.000554	59 East Main St	Town of Sidney	Delaware	Listed
875	2-1.18	02540.000692	3-5 Orchard St	Town of Sidney	Delaware	Listed
876	2-1.18	02540.000696	8 1/2 Orchard St	Town of Sidney	Delaware	Listed
877	2-1.18	02540.000557	62 East Main St	Town of Sidney	Delaware	Listed
878	2-1.18	02540.000698	10 Orchard St	Town of Sidney	Delaware	Listed
879	2-1.18	02540.000695	8 Orchard St	Town of Sidney	Delaware	Listed
880	2-1.18	02540.000691	4 Orchard St	Town of Sidney	Delaware	Listed
881	2-1.18	02540.000693	6 Orchard St	Town of Sidney	Delaware	Listed
882	2-1.18	02540.000556	61 East Main St	Town of Sidney	Delaware	Listed
883	2-1.18	02540.000558	64 East Main St	Town of Sidney	Delaware	Listed
884	2-1.18	02540.000690	2 Orchard St	Town of Sidney	Delaware	Listed
885	2-1.18	02540.000413	Macdonald Hose Co. #2	Town of Sidney	Delaware	Listed
886	2-1.18	02540.000559	65 East Main St	Town of Sidney	Delaware	Listed
887	2-1.18	02540.000456	7 Cherry Street	Town of Sidney	Delaware	Listed
888	2-1.18	02540.000459	11 Cherry Street	Town of Sidney	Delaware	Listed
889	2-1.18	02540.000568	13 Cherry Street	Town of Sidney	Delaware	Listed
890	2-1.18	02540.000560	67 East Main St	Town of Sidney	Delaware	Listed
891	2-1.18	02540.000454	5 Cherry Street	Town of Sidney	Delaware	Listed
892	2-1.18	02540.000561	Non-Contributing	Town of Sidney	Delaware	Listed
893	2-1.18	02540.000461	13 Cherry St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
894	2-1.18	02540.000453	4 Cherry Street	Town of Sidney	Delaware	Listed
895	2-1.18	02540.000460	12 Cherry Street	Town of Sidney	Delaware	Listed
896	2-1.18	02540.000452	2 Cherry Street	Town of Sidney	Delaware	Listed
897	2-1.18	02540.000457	8 Cherry Street	Town of Sidney	Delaware	Listed
898	2-1.18	02540.000458	10 Cherry Street	Town of Sidney	Delaware	Listed
899	2-1.18	02540.000563	72 East Main St	Town of Sidney	Delaware	Listed
900	2-1.18	02540.000455	6 Cherry Street	Town of Sidney	Delaware	Listed
901	2-1.18	02540.000562	71 East Main St	Town of Sidney	Delaware	Listed
902	2-1.18	02540.000564	73 East Main St	Town of Sidney	Delaware	Listed
903	2-1.18	02540.000567	80 East Main St	Town of Sidney	Delaware	Listed
904	2-1.18	02540.000607	11 Keith St	Town of Sidney	Delaware	Listed
905	2-1.18	02540.000604	Non-Contributing	Town of Sidney	Delaware	Listed
906	2-1.18	02540.000606	9 Keith St	Town of Sidney	Delaware	Listed
907	2-1.18	02540.000603	3 Keith St	Town of Sidney	Delaware	Listed
908	2-1.18	02540.000565	75 East Main St	Town of Sidney	Delaware	Listed
909	2-1.18	02540.000627	3 Lincoln Ave	Town of Sidney	Delaware	Listed
910	2-1.18	02540.000608	14 Keith St	Town of Sidney	Delaware	Listed
911	2-1.18	02540.000605	8 Keith St	Town of Sidney	Delaware	Listed
912	2-1.18	02540.000566	77 East Main St	Town of Sidney	Delaware	Listed
913	2-1.18	02540.000602	2 Keith St	Town of Sidney	Delaware	Listed
914	2-1.18	02540.000710	11 Phelps St	Town of Sidney	Delaware	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
915	2-1.18	02540.000709	7 Phelps St	Town of Sidney	Delaware	Listed
916	2-1.18	02516.000370	St Luke's Evangelical Lutheran Church	Town of Sidney	Delaware	Eligible
917	2-1.18	07722.000148	George Chappel House	Town of Unadilla	Otsego	Eligible
918	2-1.18	02516.000308	Pine Hill Reservoir Dam No. 3	Town of Sidney	Delaware	Eligible
919	2-1.20	01742.000140	Supplee-Lockwood House	Town of Bainbridge	Chenango	Eligible
920	2-1.20	01742.000227	Fisk/Parker Res.	Town of Bainbridge	Chenango	Eligible
921	2-1.20	01742.000228	Ashbaush/Cawley Res	Town of Bainbridge	Chenango	Eligible
922	2-1.20	01742.000499	Kuler/White Res.	Town of Bainbridge	Chenango	Eligible
923	2-1.20	01742.000467	Corbin/Youngs Res.	Town of Bainbridge	Chenango	Eligible
924	2-1.20	01742.000067	Kirby/Volkert Res	Town of Bainbridge	Chenango	Eligible
925	2-1.20	01742.000068	Briggs/Volkert Res.	Town of Bainbridge	Chenango	Eligible
926	2-1.20	01742.000069	Volkert Mini Mall	Town of Bainbridge	Chenango	Eligible
927	2-1.20	01742.000070	Howland Res.	Town of Bainbridge	Chenango	Eligible
928	2-1.20	01742.000071	Day Res	Town of Bainbridge	Chenango	Eligible
929	2-1.20	01742.000073	Gordon/Lord Res.	Town of Bainbridge	Chenango	Eligible
930	2-1.20	01742.000399	Monahan Res	Town of Bainbridge	Chenango	Eligible
931	2-1.20	01742.000400	31 Juliand St	Town of Bainbridge	Chenango	Eligible
932	2-1.20	01742.000105	Partridge Res.	Town of Bainbridge	Chenango	Eligible
933	2-1.20	01742.000104	Stead Shewood Res	Town of Bainbridge	Chenango	Eligible
934	2-1.20	01742.000288	Wilber/Earle Res.	Town of Bainbridge	Chenango	Eligible
935	2-1.20	01742.000101	Bogart / Newman Residence	Town of Bainbridge	Chenango	Eligible

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
936	2-1.20	01742.000099	Lindgram / Hromada Res	Town of Bainbridge	Chenango	Eligible
937	2-1.20	01742.000097	Scott / Green Res	Town of Bainbridge	Chenango	Eligible
938	2-1.20	01742.000095	Owin / Neidlinger Res	Town of Bainbridge	Chenango	Eligible
939	2-1.20	01742.000094	Clark / Meyer Res	Town of Bainbridge	Chenango	Eligible
940	2-1.20	01742.000093	Bradish Res	Town of Bainbridge	Chenango	Eligible
941	2-1.20	01742.000091	Ireland / Grow Hse	Town of Bainbridge	Chenango	Eligible
942	2-1.20	01742.000090	Hodge / Johnson Res	Town of Bainbridge	Chenango	Eligible
943	2-1.20	01742.000088	Campbell / Delello Res	Town of Bainbridge	Chenango	Eligible
944	2-1.20	01742.000098	Ames / Rawler Residence	Town of Bainbridge	Chenango	Eligible
945	2-1.20	01742.000100	Algonquin Mange Hall	Town of Bainbridge	Chenango	Eligible
946	2-1.20	01742.000087	Edred / Smith Res	Town of Bainbridge	Chenango	Eligible
947	2-1.20	01742.000096	St. John'S Catholic Church	Town of Bainbridge	Chenango	Eligible
948	2-1.20	01742.000086	Pratt / Straka Res	Town of Bainbridge	Chenango	Eligible
949	2-1.20	01742.000085	Phinney / Zicari Res	Town of Bainbridge	Chenango	Eligible
950	2-1.20	01742.000092	Simpkin, 28 S. Main Street, Bainbridge	Town of Bainbridge	Chenango	Eligible
951	2-1.20	01742.000089	Davidson Res	Town of Bainbridge	Chenango	Eligible
952	2-1.20	01742.000084	Eldred Barn / Res	Town of Bainbridge	Chenango	Eligible
953	2-1.20	01742.000102	Week Res	Town of Bainbridge	Chenango	Eligible
954	2-1.20	01742.000562	Bainbridge Post Office	Town of Bainbridge	Chenango	Eligible
955	2-1.20	01742.000136	Juliand House	Town of Bainbridge	Chenango	Listed
956	2-1.20	01742.000385	Copley / Colt Res	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
957	2-1.20	01742.000384	Spencer / Peyre Res	Town of Bainbridge	Chenango	Listed
958	2-1.20	01742.000133	Ives-Komatinsky Residence	Town of Bainbridge	Chenango	Listed
959	2-1.20	01742.000132	Burdich-Terhone Residence	Town of Bainbridge	Chenango	Listed
960	2-1.20	01742.000130	Kirby-Nelson Residence	Town of Bainbridge	Chenango	Listed
961	2-1.20	01742.000274	Searles/Lamoree Res.	Town of Bainbridge	Chenango	Listed
962	2-1.20	01742.000151	Oreen Jacobs House	Town of Bainbridge	Chenango	Listed
963	2-1.20	01742.000128	Searles-Sloane Residence	Town of Bainbridge	Chenango	Listed
964	2-1.20	01742.000124	Campbell-Bennett House	Town of Bainbridge	Chenango	Listed
965	2-1.20	01742.000271	Evans/Tucky Res.	Town of Bainbridge	Chenango	Listed
966	2-1.20	01742.000123	Morah House	Town of Bainbridge	Chenango	Listed
967	2-1.20	01742.000125	Mary Kirby Lord House	Town of Bainbridge	Chenango	Listed
968	2-1.20	01742.000272	Scott/Holbert Res.	Town of Bainbridge	Chenango	Listed
969	2-1.20	01742.000448	Harvey Ireland's Residence And Print Shop	Town of Bainbridge	Chenango	Listed
970	2-1.20	01742.000120	Kirby House	Town of Bainbridge	Chenango	Listed
971	2-1.20	01742.000270	Roider/Carbonelli Res	Town of Bainbridge	Chenango	Listed
972	2-1.20	01742.000122	Bennett House	Town of Bainbridge	Chenango	Listed
973	2-1.20	01742.000119	L.C. Yale Place	Town of Bainbridge	Chenango	Listed
974	2-1.20	01742.000121	Amos Tuckey House	Town of Bainbridge	Chenango	Listed
975	2-1.20	01742.000118	Fonda House	Town of Bainbridge	Chenango	Listed
976	2-1.20	01742.000419	Hynds / Smith Res	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
977	2-1.20	01742.000148	Chenango & Unadilla Bldg. Continental Telephone	Town of Bainbridge	Chenango	Listed
978	2-1.20	01742.000411	Old American Separator Co.	Town of Bainbridge	Chenango	Listed
979	2-1.20	01742.000412	The American Separator / Mccumber Residence	Town of Bainbridge	Chenango	Listed
980	2-1.20	01742.000150	Railroad Station/Courthouse & Police Station	Town of Bainbridge	Chenango	Listed
981	2-1.20	01742.000019	Graves Block Truman Commercial Bldg	Town of Bainbridge	Chenango	Listed
982	2-1.20	01742.000020	Palmer Bldg Truman Commercial Bldg	Town of Bainbridge	Chenango	Listed
983	2-1.20	01742.000031	Armstrong Hse Demolished-Modern Diner	Town of Bainbridge	Chenango	Listed
984	2-1.20	01742.000011	Presbytery Of Susquehanna Valley Hse- Anderson House	Town of Bainbridge	Chenango	Listed
985	2-1.20	01742.000032	Armstrong Hse	Town of Bainbridge	Chenango	Listed
986	2-1.20	01742.000021	Truman House	Town of Bainbridge	Chenango	Listed
987	2-1.20	01742.000033	Smith Residence	Town of Bainbridge	Chenango	Listed
988	2-1.20	01742.000022	First United Methodist Church	Town of Bainbridge	Chenango	Listed
989	2-1.20	01742.000023	Sayre Hse-Declue Offices	Town of Bainbridge	Chenango	Listed
990	2-1.20	01742.000377	Drachel Residence	Town of Bainbridge	Chenango	Listed
991	2-1.20	01742.000024	Eggleston Hse	Town of Bainbridge	Chenango	Listed
992	2-1.20	01742.000374	Tailor Shop/ Weeks Res.	Town of Bainbridge	Chenango	Listed
993	2-1.20	01742.000381	Yale / Gasper Res	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
994	2-1.20	01742.000035	Pop Gas Stattion	Town of Bainbridge	Chenango	Listed
995	2-1.20	01742.000172	Drachler Res.	Town of Bainbridge	Chenango	Listed
996	2-1.20	01742.000034	Busybee Gas Station	Town of Bainbridge	Chenango	Listed
997	2-1.20	01742.000514	Texaco Gas	Town of Bainbridge	Chenango	Listed
998	2-1.20	01742.000036	Moore Res.	Town of Bainbridge	Chenango	Listed
999	2-1.20	01742.000037	Weeks Residence	Town of Bainbridge	Chenango	Listed
1000	2-1.20	01742.000038	Eggleston/Cleveland Res	Town of Bainbridge	Chenango	Listed
1001	2-1.20	01742.000040	Scott Res.	Town of Bainbridge	Chenango	Listed
1002	2-1.20	01742.000041	Craig/Casey Res.	Town of Bainbridge	Chenango	Listed
1003	2-1.20	01742.000042	Slade/Stock Well Res	Town of Bainbridge	Chenango	Listed
1004	2-1.20	01742.000043	Ives/Meek Res.	Town of Bainbridge	Chenango	Listed
1005	2-1.20	01742.000045	Shepardson/Haar Hse	Town of Bainbridge	Chenango	Listed
1006	2-1.20	01742.000044	Wilcox/Whitney Res	Town of Bainbridge	Chenango	Listed
1007	2-1.20	01742.000046	Scott/Marshall Hse	Town of Bainbridge	Chenango	Listed
1008	2-1.20	01742.000047	Gilbert Res.	Town of Bainbridge	Chenango	Listed
1009	2-1.20	01742.000048	Van Horn Burns Res.	Town of Bainbridge	Chenango	Listed
1010	2-1.20	01742.000049	Noyes Res.	Town of Bainbridge	Chenango	Listed
1011	2-1.20	01742.000050	Pratt/Campbell Res.	Town of Bainbridge	Chenango	Listed
1012	2-1.20	01742.000051	Sunoco Gas Station	Town of Bainbridge	Chenango	Listed
1013	2-1.20	01742.000052	Higher/Dalton Res	Town of Bainbridge	Chenango	Listed
1014	2-1.20	01742.000054	Hastings/Day Res	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1015	2-1.20	01742.000053	Lewis/Warren Res.	Town of Bainbridge	Chenango	Listed
1016	2-1.20	01742.000055	Lewis/Danforth Res	Town of Bainbridge	Chenango	Listed
1017	2-1.20	01742.000056	Brundy/Dinoto Res	Town of Bainbridge	Chenango	Listed
1018	2-1.20	01742.000057	72 North Main Street, Bainbridge	Town of Bainbridge	Chenango	Listed
1019	2-1.20	01742.000058	Hoff/Yonkers Res.	Town of Bainbridge	Chenango	Listed
1020	2-1.20	01742.000059	Dingma/Schoen Res	Town of Bainbridge	Chenango	Listed
1021	2-1.20	01742.000060	Houghtaling/Wade Res	Town of Bainbridge	Chenango	Listed
1022	2-1.20	01742.000061	Hacker, 77 N. Main Street, Bainbridge	Town of Bainbridge	Chenango	Listed
1023	2-1.20	01742.000062	Pearsall/Puston Res	Town of Bainbridge	Chenango	Listed
1024	2-1.20	01742.000063	Windsor/Kinter Res	Town of Bainbridge	Chenango	Listed
1025	2-1.20	01742.000064	Monroe/Washburn Res	Town of Bainbridge	Chenango	Listed
1026	2-1.20	01742.000066	Ireland/Fitzpatrick Res	Town of Bainbridge	Chenango	Listed
1027	2-1.20	01742.000065	Freiot/Benson Res	Town of Bainbridge	Chenango	Listed
1028	2-1.20	01742.000135	Pruyne-Dunham Residence	Town of Bainbridge	Chenango	Listed
1029	2-1.20	01742.000129	Treadway/Peterson Residence	Town of Bainbridge	Chenango	Listed
1030	2-1.20	01742.000127	Hovey/Papworth Residence	Town of Bainbridge	Chenango	Listed
1031	2-1.20	01742.000519	Hovey Strong Leather Co Mill	Town of Bainbridge	Chenango	Listed
1032	2-1.20	01742.000126	Danforth House	Town of Bainbridge	Chenango	Listed
1033	2-1.20	01742.000001	United Presbyterian Chuch	Town of Bainbridge	Chenango	Listed
1034	2-1.20	01742.000083	Bennett \ Sawyer Res	Town of Bainbridge	Chenango	Listed
1035	2-1.20	01742.000082	Tinkham / Chase Res.	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1036	2-1.20	01742.000081	Brown / Bell Res	Town of Bainbridge	Chenango	Listed
1037	2-1.20	01742.000080	Addey / Holden Res	Town of Bainbridge	Chenango	Listed
1038	2-1.20	01742.000005	Davenport House Old Arsenal - Clark House	Town of Bainbridge	Chenango	Listed
1039	2-1.20	01742.000016	Parsons Block	Town of Bainbridge	Chenango	Listed
1040	2-1.20	01742.000015	Haddow Block	Town of Bainbridge	Chenango	Listed
1041	2-1.20	01742.000006	St Peter's Church Rectory	Town of Bainbridge	Chenango	Listed
1042	2-1.20	01742.000014	C.M. Priest Building	Town of Bainbridge	Chenango	Listed
1043	2-1.20	01742.000013	Thomas Block Bugbee Commercial Bldg	Town of Bainbridge	Chenango	Listed
1044	2-1.20	01742.000003	Village Green & Bandstand	Town of Bainbridge	Chenango	Listed
1045	2-1.20	01742.000012	Willsey Block	Town of Bainbridge	Chenango	Listed
1046	2-1.20	01742.000415	Railroad Station	Town of Bainbridge	Chenango	Listed
1047	2-1.20	01742.000007	St Peter's Episcopal Church	Town of Bainbridge	Chenango	Listed
1048	2-1.20	01742.000025	Campbell Ireland Commercial Building	Town of Bainbridge	Chenango	Listed
1049	2-1.20	01742.000004	St Peter's Church Cemetery	Town of Bainbridge	Chenango	Listed
1051	2-1.20	01742.000026	Old Jericho Tavern Central Hotel Central Hse	Town of Bainbridge	Chenango	Listed
1052	2-1.20	01742.000027	Danforth Building Haddad Commercial Bldg	Town of Bainbridge	Chenango	Listed
1053	2-1.20	01742.000017	Prince Bldg Bank & Commercial Bldg	Town of Bainbridge	Chenango	Listed
1054	2-1.20	01742.000028	Dix Block Papworth Commercial Bldg.	Town of Bainbridge	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1055	2-1.20	01742.000018	Town Hall And Library	Town of Bainbridge	Chenango	Listed
1056	2-1.20	01742.000029	Morley Perry Road Charles Dix Warren Commercial Bldg	Town of Bainbridge	Chenango	Listed
1057	2-1.20	01742.000030	Mushtare Auto Supply	Town of Bainbridge	Chenango	Listed
1058	2-1.20	01701.000003	Philo Kirby Home	Town of Afton	Chenango	Eligible
1058	2-1.20	01742.000009	First Baptist Church	Town of Bainbridge	Chenango	Eligible
1059	2-1.20	01702.000092	4972 Ny 206	Town of Bainbridge	Chenango	Eligible
1060	2-1.24	02512.000039	Masonville Elementary School	Town of Masonville	Delaware	Eligible
1061	2-1.26	07750.000011	18 Siver Street	Town of Unadilla	Otsego	Eligible
1062	2-1.26	07750.000159	125 Main St	Town of Unadilla	Otsego	Listed
1063	2-1.26	07750.000158	127 Main St	Town of Unadilla	Otsego	Listed
1064	2-1.26	07750.000142	Saint Ambrose Roman Catholic Church	Town of Unadilla	Otsego	Listed
1065	2-1.26	07750.000157	132 Main St	Town of Unadilla	Otsego	Listed
1066	2-1.26	07750.000141	133 Main St	Town of Unadilla	Otsego	Listed
1067	2-1.26	07750.000156	136 Main St	Town of Unadilla	Otsego	Listed
1068	2-1.26	07750.000140	137 Main St	Town of Unadilla	Otsego	Listed
1069	2-1.26	07750.000155	138 Main St	Town of Unadilla	Otsego	Listed
1070	2-1.26	07750.000154	142 Main St	Town of Unadilla	Otsego	Listed
1071	2-1.26	07750.000139	141 Main St	Town of Unadilla	Otsego	Listed
1072	2-1.26	07750.000153	144 Main St	Town of Unadilla	Otsego	Listed
1073	2-1.26	07750.000152	146 Main St	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1074	2-1.26	07750.000138	147 Main St	Town of Unadilla	Otsego	Listed
1075	2-1.26	07750.000151	2 Church St	Town of Unadilla	Otsego	Listed
1076	2-1.26	07750.000137	151 Main St	Town of Unadilla	Otsego	Listed
1077	2-1.26	07750.000136	155 Main St	Town of Unadilla	Otsego	Listed
1078	2-1.26	07750.000150	Presbyterian Church	Town of Unadilla	Otsego	Listed
1079	2-1.26	07750.000149	158 Main St	Town of Unadilla	Otsego	Listed
1080	2-1.26	07750.000135	161 Main St	Town of Unadilla	Otsego	Listed
1081	2-1.26	07750.000134	163 Main St	Town of Unadilla	Otsego	Listed
1082	2-1.26	07750.000148	164 Main St	Town of Unadilla	Otsego	Listed
1083	2-1.26	07750.000147	Methodist Church	Town of Unadilla	Otsego	Listed
1084	2-1.26	07750.000181	13 Fellows St	Town of Unadilla	Otsego	Eligible
1085	2-1.26	07750.000133	Great American Supermarket	Town of Unadilla	Otsego	Listed
1086	2-1.26	07750.000146	172 Main St	Town of Unadilla	Otsego	Listed
1087	2-1.26	07750.000145	176 Main St	Town of Unadilla	Otsego	Listed
1088	2-1.26	07750.000169	Contel Equipment Building	Town of Unadilla	Otsego	Listed
1089	2-1.26	07750.000143	Demolished	Town of Unadilla	Otsego	Listed
1090	2-1.26	07750.000132	179 Main St	Town of Unadilla	Otsego	Listed
1091	2-1.26	07750.000131	3 Clifton St	Town of Unadilla	Otsego	Listed
1092	2-1.26	07750.000144	Gas Station	Town of Unadilla	Otsego	Listed
1093	2-1.26	07750.000168	United States Post Office	Town of Unadilla	Otsego	Listed
1094	2-1.26	07750.000170	8 Bridge St	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1095	2-1.26	07750.000172	14 Bridge St	Town of Unadilla	Otsego	Listed
1096	2-1.26	07750.000171	10 Bridge St	Town of Unadilla	Otsego	Listed
1097	2-1.26	07750.000050	18 Bridge St	Town of Unadilla	Otsego	Listed
1098	2-1.26	07750.000173	22 Bridge St	Town of Unadilla	Otsego	Listed
1099	2-1.26	07750.000130	6 Clifton St	Town of Unadilla	Otsego	Listed
1100	2-1.26	07750.000129	183 Main St	Town of Unadilla	Otsego	Listed
1101	2-1.26	07750.000162	Barber Shop	Town of Unadilla	Otsego	Listed
1102	2-1.26	07750.000121	Gas Station	Town of Unadilla	Otsego	Listed
1103	2-1.26	07750.000163	5 Bridge St	Town of Unadilla	Otsego	Listed
1104	2-1.26	07750.000164	9 Bridge St	Town of Unadilla	Otsego	Listed
1105	2-1.26	07750.000165	11 Bridge St	Town of Unadilla	Otsego	Listed
1106	2-1.26	07750.000166	17 Bridge St	Town of Unadilla	Otsego	Listed
1107	2-1.26	07750.000128	187 Main St	Town of Unadilla	Otsego	Listed
1108	2-1.26	07750.000120	188 Main St	Town of Unadilla	Otsego	Listed
1109	2-1.26	07750.000127	Bank Branch Office	Town of Unadilla	Otsego	Listed
1110	2-1.26	07750.000126	Unadilla Community House/Unadilla Public Library	Town of Unadilla	Otsego	Listed
1111	2-1.26	07750.000119	192 Main St	Town of Unadilla	Otsego	Listed
1112	2-1.26	07750.000118	194 Main St	Town of Unadilla	Otsego	Listed
1113	2-1.26	07750.000175	9 Watson St	Town of Unadilla	Otsego	Eligible
1114	2-1.26	07750.000117	Unadilla Diner	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1115	2-1.26	07750.000125	199 Main St	Town of Unadilla	Otsego	Listed
1116	2-1.26	07750.000160	6 Page St	Town of Unadilla	Otsego	Listed
1117	2-1.26	07750.000161	8 Page St	Town of Unadilla	Otsego	Listed
1118	2-1.26	07750.000197	203 Main Street	Town of Unadilla	Otsego	Listed
1119	2-1.26	07750.000116	204 Main St	Town of Unadilla	Otsego	Listed
1120	2-1.26	07750.000124	207 Main St	Town of Unadilla	Otsego	Listed
1121	2-1.26	07750.000114	208 Main St	Town of Unadilla	Otsego	Listed
1122	2-1.26	07750.000115	6 Cottage Lane	Town of Unadilla	Otsego	Listed
1123	2-1.26	07750.000122	211 Main St	Town of Unadilla	Otsego	Listed
1124	2-1.26	07750.000123	212 Main St	Town of Unadilla	Otsego	Listed
1125	2-1.26	07750.000179	214 Main St	Town of Unadilla	Otsego	Listed
1126	2-1.26	07750.000111	215 Main St	Town of Unadilla	Otsego	Listed
1127	2-1.26	07750.000110	219 Main St	Town of Unadilla	Otsego	Listed
1128	2-1.26	07750.000113	218 Main St	Town of Unadilla	Otsego	Listed
1129	2-1.26	07750.000109	221 Main St	Town of Unadilla	Otsego	Listed
1130	2-1.26	07750.000105	222 Main St	Town of Unadilla	Otsego	Listed
1131	2-1.26	07750.000108	223 Main St	Town of Unadilla	Otsego	Listed
1132	2-1.26	07750.000107	225 Main St	Town of Unadilla	Otsego	Listed
1133	2-1.26	07750.000104	226 Main St	Town of Unadilla	Otsego	Listed
1134	2-1.26	07750.000106	229 Main St	Town of Unadilla	Otsego	Listed
1135	2-1.26	07750.000103	230 Main St	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1136	2-1.26	07750.000100	4 Martin Brook St	Town of Unadilla	Otsego	Listed
1137	2-1.26	07750.000099	233 Main St	Town of Unadilla	Otsego	Listed
1138	2-1.26	07750.000102	234 Main St	Town of Unadilla	Otsego	Listed
1139	2-1.26	07750.000098	237 Main St	Town of Unadilla	Otsego	Listed
1140	2-1.26	07750.000101	236 Main St	Town of Unadilla	Otsego	Listed
1141	2-1.26	07750.000096	Saint Matthew's Episcopal Church And Cemetery	Town of Unadilla	Otsego	Listed
1142	2-1.26	07750.000097	Demolished	Town of Unadilla	Otsego	Listed
1143	2-1.26	07750.000095	Freedom Lodge #324	Town of Unadilla	Otsego	Listed
1144	2-1.26	07750.000089	4 Depot St	Town of Unadilla	Otsego	Listed
1145	2-1.26	07750.000093	Convenience Store	Town of Unadilla	Otsego	Listed
1146	2-1.26	07750.000094	Demolished	Town of Unadilla	Otsego	Listed
1147	2-1.26	07750.000088	Mobil Service Station	Town of Unadilla	Otsego	Listed
1148	2-1.26	07750.000091	Roswell Wright House	Town of Unadilla	Otsego	Listed
1149	2-1.26	07750.000090	262 Main St	Town of Unadilla	Otsego	Listed
1150	2-1.26	07750.000087	Unadilla Elementary School	Town of Unadilla	Otsego	Listed
1151	2-1.26	07750.000086	264 Main St	Town of Unadilla	Otsego	Listed
1152	2-1.26	07750.000085	268 Main St	Town of Unadilla	Otsego	Listed
1153	2-1.26	07750.000084	270 Main St	Town of Unadilla	Otsego	Listed
1154	2-1.26	07750.000083	272 Main St	Town of Unadilla	Otsego	Listed
1155	2-1.26	07750.000081	277 Main St	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1156	2-1.26	07750.000082	276 Main St	Town of Unadilla	Otsego	Listed
1157	2-1.26	07750.000080	281 Main St	Town of Unadilla	Otsego	Listed
1158	2-1.26	07750.000069	280 Main St	Town of Unadilla	Otsego	Listed
1159	2-1.26	07750.000079	285 Main St	Town of Unadilla	Otsego	Listed
1160	2-1.26	07750.000068	286 Main St	Town of Unadilla	Otsego	Listed
1161	2-1.26	07750.000078	289 Main St	Town of Unadilla	Otsego	Listed
1162	2-1.26	07750.000067	288 Main St	Town of Unadilla	Otsego	Listed
1163	2-1.26	07750.000077	291 Main St	Town of Unadilla	Otsego	Listed
1164	2-1.26	07750.000066	292 Main St	Town of Unadilla	Otsego	Listed
1165	2-1.26	07750.000076	295 Main St	Town of Unadilla	Otsego	Listed
1166	2-1.26	07750.000075	299 Main St	Town of Unadilla	Otsego	Listed
1167	2-1.26	07750.000074	305 Main St	Town of Unadilla	Otsego	Listed
1168	2-1.26	07750.000065	Riverview Adult Home	Town of Unadilla	Otsego	Listed
1169	2-1.26	07750.000073	309 Main St	Town of Unadilla	Otsego	Listed
1170	2-1.26	07750.000064	306 Main St	Town of Unadilla	Otsego	Listed
1171	2-1.26	07750.000072	313 Main St	Town of Unadilla	Otsego	Listed
1172	2-1.26	07750.000063	314 Main St	Town of Unadilla	Otsego	Listed
1173	2-1.26	07750.000071	319 Main St	Town of Unadilla	Otsego	Listed
1174	2-1.26	07750.000062	Corwin (Hayes) Park	Town of Unadilla	Otsego	Listed
1175	2-1.26	07750.000070	329 Main St	Town of Unadilla	Otsego	Listed
1176	2-1.26	07750.000061	333 Main St	Town of Unadilla	Otsego	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1177	2-1.26	07750.000060	337 Main St	Town of Unadilla	Otsego	Listed
1178	2-1.26	07750.000059	339 Main St	Town of Unadilla	Otsego	Listed
1179	2-1.26	07750.000177	Residence	Town of Unadilla	Otsego	Eligible
1180	2-1.26	07750.000058	343 Main St	Town of Unadilla	Otsego	Listed
1181	2-1.26	07750.000057	Railroad Overpass	Town of Unadilla	Otsego	Listed
1182	2-1.26	07750.000196	Bin 1004360	Town of Unadilla	Otsego	Eligible
1183	2-1.26	02516.000377	37 Ny Rte 357	Town of Sidney	Delaware	Eligible
1184	2-1.26	02516.000332	Urs Survey #4031	Town of Sidney	Delaware	Eligible
1185	2-1.26	02516.000331	Urs Survey #4028	Town of Sidney	Delaware	Eligible
1186	2-1.26	07750.000001	Unadilla Water Works: Kilkenny Division	Town of Unadilla	Otsego	Listed
1187	2-1.28	02512.000063	12177 County Highway 27	Town of Masonville	Delaware	Eligible
1188	2-1.34	02507.000187	9910 Cty Hwy 21, Franklin	Town of Franklin	Delaware	Eligible
1190	2-1.38	02505.000005	West Platner Brook Bridge	Town of Delhi	Delaware	Eligible
1191	2-1.38	02505.000076	West Delhi Presbyterian Church Manse	Town of Delhi	Delaware	Listed
1192	2-1.38	02505.000075	West Delhi Cemetery	Town of Delhi	Delaware	Listed
1193	2-1.38	02505.000074	West Delhi Church	Town of Delhi	Delaware	Listed
1194	2-1.42	02505.000067	Garrett Farm	Town of Delhi	Delaware	Eligible
1195	2-1.42	02505.000112	Middlemist Farm	Town of Delhi	Delaware	Eligible
1196	2-1.5	78001845	North Broad Street Historic District	City of Chenango	Chenango	Listed
1197	2-1.5	75001178	Chenango County Courthouse District	City of Chenango	Chenango	Listed

Map ID	Figure Number	USN	Property Name	Municipality	County	Eligibility Status
1198	2-1.20	82001095	Bainbridge Historic District	Village of Bainbridge	Chenango	Listed
1199	2-1.26	92001080	Unadilla Waterworks	Town of Unadilla	Otsego	Listed
1200	2-1.26	92001079	Unadilla Village Historic District	Village of Unadilla	Otsego	Listed

**Table 4-4: Ecological Community Cover Types Intersecting the Project ROW** 

Vegetation Community Classification	Description		ity within (Acres)
Classification	_	Acres	%
Appalachian oak-hickory forest	Terrestrial Forested Upland	7.42	0.65
Beech-maple mesic forest	Terrestrial Forested Upland	16.77	1.47
Brushy cleared Land	Terrestrial Cultural	195.15	17.09
Confined river	Riverine Natural	5.49	0.48
Conifer plantation	Terrestrial Cultural	1.01	0.09
Cropland/field crops	Terrestrial Cultural	105.22	9.21
Cropland/row crops	Terrestrial Cultural	10.06	0.88
Eutrophic pond	Lacustrine Natural Lakes and Ponds	0.94	0.08
Farm pond/artificial pond	Palustrine Cultural	2.13	0.19
Floodplain forest	Forested Uplands	0.78	0.07
Hemlock-northern hardwood forest	Terrestrial Forested Upland	12.68	1.11
Intermittent stream	Riverine Natural	0.29	0.03
Marsh headwater stream	Riverine Natural	0.37	0.03
Mowed lawn	Terrestrial Cultural	32.43	2.84
Mowed roadside/pathway	Terrestrial Cultural	6.76	0.60
Orchard	Terrestrial Cultural	0.05	< 0.01
Pasture	Terrestrial Cultural	12.70	1.11
Paved road/path	Terrestrial Cultural	9.30	0.81
Pine-northern hardwood forest	Terrestrial Forested Upland	34.35	3.01
Railroad	Terrestrial Cultural	0.44	0.04
Red maple hardwood swamp	Palustrine Forested Mineral Soil	4.85	0.42
Rocky headwater stream	Riverine Natural	1.70	0.15
Rural structure	Terrestrial Cultural	2.66	0.23
Shallow emergent marsh	Palustrine Open Mineral Soil	44.36	3.88
Shrub swamp	Palustrine Open Mineral Soil	57.50	5.03
Spruce-fir plantation	Terrestrial Forested Upland	1.33	0.12
Spring	Riverine Natural	0.01	< 0.01
Successional fern meadow	Terrestrial Open Upland	36.36	3.18

Vegetation Community	Description	Community wi ROW (Acre	
Classification	-	Acres	%
Successional old field	Terrestrial Open Upland	149.43	13.08
Successional shrubland	Terrestrial Open Upland	377.28	33.04
Successional southern hardwoods	Terrestrial Forested Upland	3.19	0.28
Unpaved road/pathway	Terrestrial Open Upland	5.45	0.48
Urban structure	Terrestrial Cultural	3.58	0.31
	Total =	1142.04	100%

**Table 4-5: NYSDEC-Mapped Streams Crossing the Project ROW** 

Town/City	Surface Waterbody Name	Number of Project Crossings	NYSDEC Class
Bainbridge	Susquehanna River	2	В
Bainbridge	UNT to Susquehanna River	1	С
Bainbridge	UNT to Susquehanna River	1	С
Bainbridge	UNT to Susquehanna River	1	С
Bainbridge	UNT to Susquehanna River	1	С
Bainbridge	Peckham Brook	1	С
Guilford	Guilford Creek	1	С
Guilford	UNT to Guilford Creek	1	С
Guilford	UNT to Moses Brook	1	С
Guilford	Moses Brook	1	С
Guilford	UNT to Guilford Creek	1	С
Guilford	UNT to Chenango River	1	С
Guilford	UNT to Chenango River	1	С
Guilford	UNT to Chenango River	1	С
Norwich	Lyon Brook	1	В
Norwich	N/A	1	С
Norwich	Johnson Creek	1	С
Bainbridge	UNT to Susquehanna River	1	С
Bainbridge	UNT to Susquehanna River	1	С
Sidney	N/A	1	С
Sidney	UNT to Susquehanna River	1	С
Sidney	UNT to Susquehanna River	1	С
Sidney	UNT to Susquehanna River	1	С
Sidney	UNT to Susquehanna River	1	С
Sidney	UNT to Carrs Creek	1	С
Sidney	UNT to Carrs Creek	1	С
Sidney	UNT to Carrs Creek	1	С
Sidney	UNT to Carrs Creek	1	С

Town/City	Surface Waterbody Name	Number of Project Crossings	NYSDEC Class
Sidney	UNT to Carrs Creek	1	С
Sidney	UNT to Carrs Creek	1	С
Sidney	UNT to Carrs Creek	1	С
Franklin	UNT to Carrs Creek	1	С
Franklin	UNT to Carrs Creek	1	С
Franklin	UNT to West Brook	1	С
Franklin	UNT to West Brook	1	С
Franklin	UNT to West Brook	1	С
Franklin	UNT to West Brook	1	С
Hamden	UNT to Beers Brook	1	A
Hamden	Crystal Brook	1	A
Hamden	UNT to Crystal Brook	1	A
Hamden	East Brook	1	A
Hamden	UNT to East Brook	1	A
Hamden	UNT to East Brook	1	A
Hamden	UNT to West Platner Brook	1	С

Source: NYSDEC, 2024c Note: UNT = Unnamed Tributary

Table 4-6: Delineated Wetlands within the Project ROW

Wetland ID	Wetland Type	Acreage Within the Project ROW (acres)
WL-T01-01	PSS	4.64
WL-T01-02	PEM/PSS	4.68
WL-T01-03	PEM/PSS/PFO	20.02
WL-T01-04	PEM	0.27
WL-T01-05	PSS	1.34
WL-T01-06	PSS	0.06
WL-T01-07	PSS	2.04
WL-T01-08	PEM	0.03
WL-T01-09	PSS	2.04
WL-T01-10	PSS	0.67
WL-T01-11	PEM/PFO	0.57
WL-T01-12	PEM/PSS	3.13
WL-T01-13	PEM	0.21
WL-T01-14	PSS	0.41
WL-T01-15	PEM	0.12
WL-T01-16	PSS	0.31
WL-T01-17	PSS	0.38
WL-T01-18	PEM	0.51
WL-T01-19	PEM	0.13
WL-T01-20	PSS	0.51
WL-T01-21	PSS	0.07
WL-T01-21A	PSS	0.01
WL-T01-22	PEM	0.02
WL-T01-23	PEM	0.03
WL-T01-24	PSS	1.06
WL-T01-25	PSS	0.06
WL-T01-26	PSS	2.57
WL-T01-27	PSS	0.32
WL-T01-28	PSS	0.02

Wetland ID	Wetland Type	Acreage Within the Project ROW (acres)
WL-T01-29	PEM	2.26
WL-T01-30	PEM	0.28
WL-T01-31	PEM	0.08
WL-T01-32	PEM	0.11
WL-T01-33	PEM	0.11
WL-T01-34	PSS	0.47
WL-T01-35	PEM	0.07
WL-T01-36	PSS	0.31
WL-T01-37	PSS	0.75
WL-T01-38	PEM	0.09
WL-T01-39	PEM	0.02
WL-T01-40	PEM	0.70
WL-T01-41	PEM	0.29
WL-T01-42	PEM	1.75
WL-T01-43	PSS	0.29
WL-T01-45	PEM	0.48
WL-T01-46	PEM	1.29
WL-T01-47	PEM	0.25
WL-T01-48	PEM	0.02
WL-T01-49	PEM	0.13
WL-T02-01	PEM/PSS	1.38
WL-T02-02	PEM	0.15
WL-T02-03	PEM	0.15
WL-T02-04	PEM	1.11
WL-T02-05	PEM/PSS	2.80
WL-T02-06	PEM	0.16
WL-T02-07	PEM	0.15
WL-T02-08	PEM/PSS/PUB	0.73
WL-T02-09	PEM	1.22
WL-T02-11	PEM	0.06

Wetland ID	Wetland Type	Acreage Within the Project ROW (acres)
WL-T02-12	PSS	0.25
WL-T02-13	PEM/PSS	1.05
WL-T02-14	PEM/PSS	0.78
WL-T02-15	PEM	0.09
WL-T02-16	PSS	0.19
WL-T02-17	PSS	0.31
WL-T02-18	PEM	1.46
WL-T02-19	PSS/PUB	0.80
WL-T02-20	PEM	1.03
WL-T02-21	PSS	0.14
WL-T02-22	PSS	0.47
WL-T02-23	PSS/PUB	0.92
WL-T02-24	PEM/PSS	1.94
WL-T02-25	PEM/PSS/PUB	1.61
WL-T02-26	PUB	0.04
WL-T02-27	PUB	0.16
WL-T02-28	PSS	0.75
WL-T02-29	PSS	0.06
WL-T02-29A	PSS	0.02
WL-T02-30	PSS	0.58
T04-WL01	PSS	0.67
T04-WL02	PSS/PEM	0.45
T04-WL03	PEM	0.07
T04-WL04	PEM	0.08
T04-WL06	PEM	0.88
T04-WL07	PEM	0.02
T04-WL08	PEM	0.50
T04-WL09	PSS	0.04
T04-WL10	PSS	0.56
T04-WL11	PSS/PUB	0.14

Wetland ID	Wetland Type	Acreage Within the Project ROW (acres)
T04-WL13	PEM	0.36
T04-WL14	PEM	0.42
T04-WL15	PEM	0.14
T04-WL16	PEM	0.14
T04-WL17	PEM	0.07
T04-WL18	PEM	0.48
T04-WL19	PEM	0.12
T04-WL20	PEM	0.15
T04-WL21	PEM	0.11
T04-WL22	PEM/PSS	0.17
T04-WL23	PSS	0.17
T04-WL24	PEM	0.65
T04-WL25	PEM	0.11
T04-WL26	PEM	0.22
T04-WL27	PEM	0.37
T04-WL28	PSS	0.04
T04-WL29	PEM	0.13
T04-WL31	PEM/PSS	0.49
T04-WL32	PEM	0.03
T04-WL33	PEM	0.17
T04-WL34	PEM/PUB	1.10
T04-WL35	PEM	0.10
T04-WL37	PEM	0.03
T04-WL38	PEM/PSS	0.26
T04-WL39	PEM	0.34
T05-WL01	PEM	0.23
T05-WL02	PEM	0.18
T05-WL03	PEM	0.09
T05-WL04	PEM	0.32
T05-WL05	PSS	0.22

Wetland ID	Wetland Type	Acreage Within the Project ROW (acres)
T05-WL06	PEM	0.11
T05-WL07	PEM	0.03
T05-WL08	PSS/PUB	0.55
T05-WL09	PEM	0.34
T05-WL10	PEM	0.16
T05-WL11	PEM	0.26
T05-WL12	PEM/PSS	0.30
T05-WL16	PSS	0.86
T05-WL17	PSS	0.27
T05-WL18	PEM	0.53
T05-WL19	PEM	0.07
T05-WL20	PSS	4.39
T05-WL21	PSS	3.01
T05-WL22	PSS	2.87
T05-WL23	PEM	0.08
T05-WL24	PSS	0.69
T05-WL25	PEM	0.11
T05-WL26	PEM	0.39
T05-WL27	PEM/PSS	2.19
T05-WL28	PEM	0.15
T05-WL29	PEM	0.08
T05-WL30	PSS	0.72
T05-WL31	PEM	0.49
T05-WL32	PEM	2.10
T05-WL33	PEM	0.18
T05-WL34	PSS	0.01
	Total	108.82

**Table 4-7: Delineated Streams Crossing the Project ROW** 

Feature ID	Flow Regime	Linear Feet Within ROW	Waterbody Name	NYSDEC Classification
ST-T01-01	PER	134	UNT to Susquehanna River	Class C, Standard C
ST-T01-02	PER	245	UNT to Susquehanna River	Class C, Standard C
ST-T01-03	PER	171	UNT to Susquehanna River	Class C, Standard C
ST-T01-04	PER	121	UNT to East Brook	Class A, Standard A(T)
ST-T01-04a	PER	151	UNT to East Brook	Class A, Standard A(T)
ST-T01-05	PER	151	UNT to East Brook	Class D
ST-T01-06	PER	181	N/A	Class D
ST-T01-07	INT	196	UNT to Susquehanna River	Class C, Standard C
ST-T01-08	PER	225	UNT to Susquehanna River	Class C, Standard C
ST-T01-09	PER	104	N/A	Class C, Standard C
ST-T01-10	PER	162	UNT to Susquehanna River	Class C, Standard C
ST-T01-11	PER	355	N/A	Class D
ST-T01-12	PER	104	UNT to Susquehanna River	Class D
ST-T01-13	INT	106	UNT to Carrs Creek	Class D
ST-T01-14	PER	82	UNT to Susquehanna River	Class C, Standard C
ST-T01-15	PER	108	UNT to Susquehanna River	Class C, Standard C
ST-T01-16	PER	126	UNT to Carrs Creek	Class C, Standard C
ST-T02-01	INT	212	UNT to Carrs Creek	Class D
ST-T02-02	PER	143	UNT to Carrs Creek	Class C, Standard C
ST-T02-03	PER	383	UNT to Carrs Creek	Class C, Standard C
ST-T02-04	PER	513	UNT to Carrs Creek	Class C, Standard C
ST-T02-05	PER	105	UNT to Carrs Creek	Class C, Standard C(T)
ST-T02-06	INT	205	UNT to Carrs Creek	Class C, Standard C(T)
ST-T02-07	ЕРН	175	UNT to Carrs Creek	Class D
ST-T02-08	PER	121	UNT to Carrs Creek	Class C, Standard C(T)
ST-T02-09	PER	247	UNT to Carrs Creek	Class C, Standard C(T)
ST-T02-10	PER	348	UNT to West Brook	Class C, Standard C(TS)

Feature ID	Flow Regime	Linear Feet Within ROW	Waterbody Name	NYSDEC Classification
ST-T02-11	PER	119	UNT to East Brook	Class A, Standard A(T)
ST-T02-12	EPH	108	UNT to West Brook	Class D
ST-T02-13	INT	169	UNT to West Brook	Class D
ST-T02-14	PER	94	UNT to West Brook	Class C, Standard C(TS)
ST-T02-15	PER	102	UNT to West Brook	Class C, Standard C(T)
ST-T02-16	INT	111	UNT to West Platner Brook	Class C, Standard C(T)
ST-T02-17	PER	99	East Brook	Class A, Standard A(TS)
ST-T02-18	INT	858	UNT to West Brook	Class C, Standard C(TS)
ST-T02-19	EPH	218	UNT to West Platner Brook	Class C, Standard C(T)
ST-T03-01	PER	122	Johnson Creek	Class C, Standard C
ST-T03-02	PER	124	UNT to Johnson Creek	Class C, Standard C
ST-T04-03	ЕРН	191	N/A	Class D
ST-T04-06	PER	103	UNT to Lyon Brook	Class C, Standard C
ST-T04-07	PER	126	UNT to Guilford Creek	Class C, Standard C
ST-T04-08	PER	152	UNT to Guilford Creek	Class C, Standard C
ST-T04-09	PER	107	Guilford Creek	Class C, Standard C(T)
ST-T04-10	INT	232	UNT to Guilford Creek	Class D
ST-T04-11	PER	131	UNT to Guilford Creek	Class C, Standard C
ST-T04-12	PER	136	UNT to Moses Brook	Class C, Standard C
ST-T04-13	PER	190	Moses Brook	Class C, Standard C
ST-T04-14	PER	120	UNT to Lyon Brook	Class C, Standard C
ST-T04-15	PER	75	UNT to Lyon Brook	Class C, Standard C
ST-T04-16	PER	30	UNT to Lyon Brook	Class D
ST-T04-17	PER	32	UNT to Lyon Brook	Class D
ST-T04-18	PER	51	UNT to Lyon Brook	Class D
ST-T04-19	PER	129	UNT to Lyon Brook	Class C, Standard C
ST-T04-23	PER	123	UNT to Guilford Creek	Class D
ST-T04-24	PER	132	UNT to Guilford Creek	Class C, Standard C
ST-T04-25	PER	161	UNT to Guilford Creek	Class C, Standard C

Feature ID	Flow Regime	Linear Feet Within ROW	Waterbody Name	NYSDEC Classification
ST-T05-01	PER	124	Susquehanna River	Class B, Standard B
ST-T05-02	PER	47	N/A	Class D
ST-T05-03	PER	25	N/A	Class D
ST-T05-04	PER	164	UNT to Susquehanna River	Class B, Standard B
ST-T05-05	PER	115	Peckham Brook	Class C, Standard C
ST-T05-06	PER	122	UNT to Unadilla River	Class C, Standard C
ST-T05-07	PER	159	UNT to Guilford Creek	Class D
ST-T05-08	PER	92	Lyon Brook	Class B, Standard B(T)
ST-T05-12	EPH	152	UNT to Lyon Brook	Class D
ST-T05-13	PER	212	UNT to Lyon Brook	Class D
ST-T05-14	PER	100	UNT to Lyon Brook	Class C, Standard C
ST-T05-15	EPH	79	N/A	Class D
ST-T05-16	EPH	313	UNT to Lyon Brook	Class D
ST-T05-17	INT	156	UNT to Susquehanna River	Class D
ST-T05-18	PER	1073	UNT to Susquehanna River	Class C, Standard C

Table 4-8: Summary of Representative Wildlife Reasonably Expected to Occur in the Project Area

Common Name	Scientific Name	Common Name	Scientific Name
0 033333033 2 (483330		nibians	5070777770 2 (41720
American bullfrog	Lithobates catesbeianus	northern dusky salamander	Desmognathus fuscus
eastern American toad	Anaxyrus americanus	northern leopard frog	Lithobates pipiens
green frog	Lithobates clamitans	pickerel frog	Lithobates palustris
blue-spotted salamander	Abystoma laterale	spring peeper	Pseudacris crucifer
Jefferson salamander	Ambystoma jeffersonianum	wood frog	Lithobates sylvatica
	Rep	otiles	
northern water snake	Nerodia sipedon	common snapping turtle	Chelydra serpentina
eastern garter snake	Thamnophia sirtalis	painted turtle	Chrysemys picta
eastern milk snake	Lampropeltis triangulum	northern map turtle	Graptemys geographica
	Fi	ish	
creek chub	Semotilus atromaculatus	common carp	Cyprinus carpio
central mudminnow	Umbra limi	bluegill	Lepomis macrochirus
white sucker	Catastomus commersonii	pumpkinseed	Lepomis gibbosus
rock bass	Ambloplites rupestris	yellow perch	Perca flavescens
	Bi	rds	
American crow	Corvus brachyrhynchos	wood duck	Aix sponsa
red-tailed hawk	Buteo jamaicensis	mallard	Anas platyrhynchos
turkey vulture	Cathartes aura	northern cardinal	Cardinalis cardinalis
wild turkey	Meleagris gallopavo	Canada goose	Branta canadensis
cedar waxwing	Bombycilla cedrorum	downy woodpecker	Picoides pubescens
American robin	Turdus migratorius	pileated woodpecker	Dryocopus pileatus
American goldfinch	Spinus tristis	house sparrow	Passer domesticus

Common Name	Scientific Name	Common Name	Scientific Name
black-capped chickadee	Poecile atricapillus	northern mockingbird	Mimus polyglottos
blue jay	Cyanocitta cristata	song sparrow	Melospiza melodia
tufted titmouse	Baeolophus bicolor	dark-eyed junco	Junco hyemalis
mourning dove	Zenaida macrourda	red-winged blackbird	Agelaius phoeniceus
rock dove (pigeon)	Columba livia	American woodcock	Scolopax minor
European starling	Sturnus vulgaris	hairy woodpecker	Leuconotopicus villosus
	Mam	mals	
eastern coyote	Canis latrans	opossum	Didelphis virginiana
deer mouse	Peromyscus maniculatus	raccoon	Procyon lotor
eastern chipmunk	Tamias striatus	red fox	Vulpes vulpes
eastern cottontail	Sylvilagus floridanus	red squirrel	Sciurus vulgaris
eastern gray squirrel	Sciurus carolinensis	striped skunk	Mephitis mephitis
eastern mole	Scalopus aquaticus	white-tailed deer	Odocoileus virginianus
little brown bat	Myotis lucifugus	groundhog	Marmot monax

Table 4-9: NRCS-Mapped Soils within 500 Feet of the Proposed Lines

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Alden silt loam	>200	0	Hydric	Very poorly drained	Not prime farmland
Arkport fine sandy loam, 3 to 8 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland
Arnot channery silt loam, 3 to 8 percent slopes	46		Not Hydric	Somewhat excessively drained	Farmland of statewide importance
Barbour-Trestle complex	>200	137	Hydric	Well drained	All areas are prime farmland
Bath channery silt loam, 15 to 25 percent slopes	76	69	Not Hydric	Well drained	Not prime farmland
Bath channery silt loam, 25 to 35 percent slopes	76	69	Not Hydric	Well drained	Not prime farmland
Bath channery silt loam, 3 to 8 percent slopes	76	69	Not Hydric	Well drained	All areas are prime farmland
Bath channery silt loam, 8 to 15 percent slopes	76	69	Not Hydric	Well drained	Farmland of statewide importance
Bath-Valois complex, hilly	61	69	Not Hydric	Well drained	Not prime farmland
Bath-Valois complex, rolling	60	69	Not Hydric	Well drained	Farmland of statewide importance
Canandaigua silt loam	>200	0	Hydric	Poorly drained	Farmland of statewide importance
Chenango channery silt loam, fan, 3 to 8 percent slopes	>200	137	Not Hydric	Well drained	All areas are prime farmland
Chenango gravelly silt loam, 0 to 3 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Chenango gravelly silt loam, 15 to 25 percent slopes	>200		Not Hydric	Somewhat excessively drained	Not prime farmland
Chenango gravelly silt loam, 25 to 35 percent slopes	>200		Not Hydric	Somewhat excessively drained	Not prime farmland
Chenango gravelly silt loam, 3 to 8 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland
Chenango gravelly silt loam, 8 to 15 percent slopes	>200		Not Hydric	Somewhat excessively drained	Farmland of statewide importance
Chippewa and Norwich soils, 0 to 3 percent slopes	>200	0	Hydric	Poorly drained	Farmland of statewide importance
Chippewa and Norwich soils, 0 to 3 percent slopes, very stony	>200	0	Hydric	Poorly drained	Not prime farmland
Fluvaquents-Udifluvents complex, frequently flooded	>200	15	Hydric	Poorly drained	Not prime farmland
Greene silt loam, 3 to 8 percent slopes	86	23	Hydric	Somewhat poorly drained	Prime farmland if drained
Halcott, Mongaup, and Vly soils, 15 to 35 percent slopes, very rocky	64		Not Hydric	Somewhat excessively drained	Not prime farmland
Halcott, Mongaup, and Vly soils, 2 to 15 percent slopes, very rocky	64		Not Hydric	Somewhat excessively drained	Not prime farmland
Halcott, Mongaup, and Vly soils, 35 to 70 percent slopes, very rocky	64		Not Hydric	Somewhat excessively drained	Not prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Hamlin silt loam, high bottom	>200		Not Hydric	Well drained	All areas are prime farmland
Hamlin silt loam, low bottom	>200	97	Not Hydric	Well drained	All areas are prime farmland
Lackawanna and Bath soils, 15 to 35 percent slopes, very stony	76	64	Not Hydric	Well drained	Not prime farmland
Lackawanna and Bath soils, 3 to 15 percent slopes, very stony	76	64	Not Hydric	Well drained	Not prime farmland
Lackawanna channery silt loam, 15 to 25 percent slopes	76	64	Not Hydric	Well drained	Not prime farmland
Lackawanna channery silt loam, 3 to 8 percent slopes	76	64	Not Hydric	Well drained	All areas are prime farmland
Lackawanna channery silt loam, 8 to 15 percent slopes	76	64	Not Hydric	Well drained	Farmland of statewide importance
Lackawanna flaggy silt loam, 8 to 15 percent slopes	76	64	Not Hydric	Well drained	Farmland of statewide importance
Lewbath flaggy loam, 15 to 25 percent slopes	71	69	Not Hydric	Well drained	Not prime farmland
Lewbath flaggy loam, 8 to 15 percent slopes	71	69	Not Hydric	Well drained	Farmland of statewide importance
Lewbeach and Lewbath soils, 15 to 35 percent slopes, very stony	75	64	Not Hydric	Well drained	Not prime farmland
Lewbeach and Lewbath soils, 3 to 15 percent slopes, very stony	79	64	Not Hydric	Well drained	Not prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Lewbeach channery loam, 15 to 25 percent slopes	79	64	Not Hydric	Well drained	Not prime farmland
Lewbeach channery loam, 25 to 40 percent slopes	79	64	Not Hydric	Well drained	Not prime farmland
Lewbeach channery loam, 3 to 8 percent slopes	79	64	Not Hydric	Well drained	All areas are prime farmland
Lewbeach channery loam, 8 to 15 percent slopes	79	64	Not Hydric	Well drained	Farmland of statewide importance
Lordstown and Oquaga channery silt loams, 15 to 35 percent slopes	69		Not Hydric	Well drained	Not prime farmland
Lordstown and Oquaga channery silt loams, 35 to 50 percent slopes	66		Not Hydric	Well drained	Not prime farmland
Lordstown channery silt loam, 15 to 25 percent slopes	74		Not Hydric	Well drained	Not prime farmland
Lordstown channery silt loam, 2 to 8 percent slopes	74		Not Hydric	Well drained	All areas are prime farmland
Lordstown channery silt loam, 25 to 40 percent slopes	74		Not Hydric	Well drained	Not prime farmland
Lordstown channery silt loam, 3 to 8 percent slopes	74		Not Hydric	Well drained	All areas are prime farmland
Lordstown channery silt loam, 8 to 15 percent slopes	74		Not Hydric	Well drained	Farmland of statewide importance

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Mardin and Lackawanna channery silt loams, 15 to 35 percent slopes, very stony	60	43	Not Hydric	Well drained	Not prime farmland
Mardin and Wellsboro channery silt loams, 3 to 8 percent slopes, very stony	60	43	Not Hydric	Moderately well drained	Not prime farmland
Mardin and Wellsboro channery silt loams, 8 to 15 percent slopes, very stony	65	43	Not Hydric	Moderately well drained	Not prime farmland
Mardin channery silt loam, 15 to 25 percent slopes	76	43	Not Hydric	Moderately well drained	Not prime farmland
Mardin channery silt loam, 3 to 8 percent slopes	76	43	Not Hydric	Moderately well drained	Farmland of statewide importance
Mardin channery silt loam, 8 to 15 percent slopes	76	43	Not Hydric	Moderately well drained	Farmland of statewide importance
Middlebrook-Mongaup complex, 2 to 8 percent slopes	81	38	Not Hydric	Moderately well drained	All areas are prime farmland
Mongaup channery loam, 15 to 25 percent slopes	71		Not Hydric	Well drained	Not prime farmland
Mongaup channery loam, 2 to 8 percent slopes	71		Not Hydric	Well drained	All areas are prime farmland
Mongaup channery loam, 8 to 15 percent slopes	71		Not Hydric	Well drained	Farmland of statewide importance
Morris and Volusia soils, 2 to 10 percent slopes, very stony	64	21	Hydric	Somewhat poorly drained	Not prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Morris channery silt loam, 0 to 3 percent slopes	86	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Morris channery silt loam, 3 to 8 percent slopes	>200	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Morris channery silt loam, 8 to 15 percent slopes	76	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Morris flaggy silt loam, 0 to 3 percent slopes	>200	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Morris flaggy silt loam, 3 to 8 percent slopes	>200	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Norchip silt loam, 0 to 3 percent slopes	>200	0	Hydric	Poorly drained	Farmland of statewide importance
Onteora and Ontusia soils, 2 to 10 percent slopes, very stony	66	21	Hydric	Somewhat poorly drained	Not prime farmland
Onteora channery silt loam, 0 to 3 percent slopes	>200	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Onteora channery silt loam, 3 to 8 percent slopes	>200	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Onteora channery silt loam, 8 to 15 percent slopes	79	25	Hydric	Somewhat poorly drained	Farmland of statewide importance
Ontusia channery silt loam, 0 to 3 percent slopes	64	21	Hydric	Somewhat poorly drained	Farmland of statewide importance
Ontusia channery silt loam, 3 to 8 percent slopes	>200	21	Hydric	Somewhat poorly drained	Farmland of statewide importance

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Ontusia channery silt loam, 8 to 15 percent slopes	>200	21	Hydric	Somewhat poorly drained	Farmland of statewide importance
Oquaga and Lordstown very stony silt loams, 15 to 35 percent slopes	72		Not Hydric	Well drained	Not prime farmland
Oquaga and Lordstown very stony silt loams, 8 to 15 percent slopes	71		Not Hydric	Well drained	Not prime farmland
Oquaga channery silt loam, 3 to 8 percent slopes	74		Not Hydric	Well drained	Farmland of statewide importance
Oquaga channery silt loam, 8 to 15 percent slopes	74		Not Hydric	Well drained	Farmland of statewide importance
Oquaga, Lordstown, and Arnot soils, 15 to 35 percent slopes, very rocky	62		Not Hydric	Well drained	Not prime farmland
Oquaga, Lordstown, and Arnot soils, 2 to 15 percent slopes, very rocky	62		Not Hydric	Well drained	Not prime farmland
Oquaga, Lordstown, and Arnot soils, 35 to 70 percent slopes, very rocky	62		Not Hydric	Well drained	Not prime farmland
Pits, gravel and sand	>200		Hydric		Not prime farmland
Raynham silt loam	>200	15	Hydric	Poorly drained	Prime farmland if drained
Riverhead fine sandy loam, 3 to 8 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Riverhead fine sandy loam, 8 to 15 percent slopes	>200		Not Hydric	Well drained	Farmland of statewide importance
Saprists and Aquents, ponded	>200	0	Hydric	Very poorly drained	Not prime farmland
Scio silt loam, 0 to 3 percent slopes	>200	54	Hydric	Moderately well drained	All areas are prime farmland
Scio silt loam, 3 to 8 percent slopes	>200	54	Hydric	Moderately well drained	All areas are prime farmland
Teel silt loam, moderately well drained	>200	54	Not Hydric	Moderately well drained	All areas are prime farmland
Torull-Gretor complex, 0 to 6 percent slopes	56	13	Hydric	Poorly drained	Farmland of statewide importance
Tuller channery silt loam	43	20	Hydric	Somewhat poorly drained	Farmland of statewide importance
Tunkhannock and Chenango soils, fan, 3 to 8 percent slopes	>200	137	Hydric	Well drained	All areas are prime farmland
Udifluvents-Fluvaquents complex, frequently flooded	>200	0	Hydric	Moderately well drained	Not prime farmland
Udorthents, graded	>200	91	Not Hydric	Somewhat excessively drained	Not prime farmland
Udorthents, smoothed	>200	91	Hydric	Somewhat excessively drained	Not prime farmland
Unadilla silt loam, 0 to 3 percent slopes	>200		Hydric	Well drained	All areas are prime farmland
Unadilla silt loam, 3 to 8 percent slopes	>200		Hydric	Well drained	All areas are prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Valois gravelly silt loam, 15 to 25 percent slopes	>200		Not Hydric	Well drained	Not prime farmland
Valois gravelly silt loam, 3 to 8 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland
Valois gravelly silt loam, 8 to 15 percent slopes	>200		Not Hydric	Well drained	Farmland of statewide importance
Valois very fine sandy loam, 15 to 25 percent slopes	>200		Not Hydric	Well drained	Not prime farmland
Valois very fine sandy loam, 3 to 8 percent slopes	>200		Not Hydric	Well drained	All areas are prime farmland
Vly channery silt loam, 15 to 25 percent slopes	79		Not Hydric	Somewhat excessively drained	Not prime farmland
Vly channery silt loam, 2 to 8 percent slopes	79		Not Hydric	Somewhat excessively drained	Farmland of statewide importance
Vly channery silt loam, 8 to 15 percent slopes	79		Not Hydric	Somewhat excessively drained	Farmland of statewide importance
Volusia and Morris channery silt loams, 3 to 10 percent slopes, very stony	68	21	Hydric	Somewhat poorly drained	Not prime farmland
Volusia channery silt loam, 3 to 8 percent slopes	>200	21	Hydric	Somewhat poorly drained	Farmland of statewide importance
Volusia channery silt loam, 8 to 15 percent slopes	>200	21	Hydric	Somewhat poorly drained	Farmland of statewide importance

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Water	>200		Not Hydric		Not prime farmland
Wayland soils complex, non-calcareous substratum, 0 to 3 percent slopes, frequently flooded	>200	0	Hydric	Poorly drained	Not prime farmland
Wellsboro and Mardin soils, 2 to 15 percent slopes, very stony	>200	43	Not Hydric	Moderately well drained	Not prime farmland
Wellsboro channery silt loam, 3 to 8 percent slopes	76	46	Not Hydric	Moderately well drained	Farmland of statewide importance
Wellsboro channery silt loam, 8 to 15 percent slopes	>200	46	Not Hydric	Moderately well drained	Farmland of statewide importance
Wenonah silt loam	>200	137	Hydric	Well drained	All areas are prime farmland
Willdin channery silt loam, 2 to 8 percent slopes	89	43	Not Hydric	Moderately well drained	Farmland of statewide importance
Willdin channery silt loam, 8 to 15 percent slopes	89	43	Not Hydric	Moderately well drained	Farmland of statewide importance
Willowemoc and Willdin soils, 2 to 15 percent slopes, very stony	>200	43	Not Hydric	Moderately well drained	Not prime farmland
Willowemoc channery silt loam, 0 to 3 percent slopes	>200	46	Not Hydric	Moderately well drained	Farmland of statewide importance
Willowemoc channery silt loam, 15 to 25 percent slopes	79	46	Not Hydric	Moderately well drained	Not prime farmland

Soil Series	Depth to Bedrock (cm)	Depth to Water Table (cm)	Hydric Soil Rating	Drainage Class	Farmland Class
Willowemoc channery silt loam, 3 to 8 percent slopes	79	46	Not Hydric	Moderately well drained	Farmland of statewide importance
Willowemoc channery silt loam, 8 to 15 percent slopes	79	46	Not Hydric	Moderately well drained	Farmland of statewide importance

**Table 4-10: Sound Levels of Common Noise Sources** 

Noise Source or Activity	Sound Level (dBA)	Subjective Impression
Airplane taking off at 100-200 feet	140	Threshold of pain
Night club/concert	120	Uncomfortably loud
Construction site	100	Very loud
Freight train at 100 feet	80	Loud
Classroom chatter	70	Moderate
Normal conversation at 3 feet	60	Quiet
Suburban/urban residence	50	Quiet
Quiet library, soft whisper (15 feet)	30	Very quiet
Ticking watch	25	Extremely quiet
Normal breathing	10	Just audible
Softest sound a person can hear with normal hearing	0	Threshold of hearing

Source: The National Institute for Occupational Safety and Health (NIOSH, n.d.)

**Table 4-11: Pre-Construction Sound Study Results Summary** 

Location <sup>1</sup>	Existing Sound Level, dBA (L90) <sup>2</sup>	Proposed Substation Contribution, dBA	Cumulative: Existing Ambient + Proposed Substation, dBA	Increase Over Existing Sound dBA
R1 (closest residence)	16	11.1	17.2	1.2

<sup>1.</sup> See Figure 1

<sup>2.</sup> Lowest hourly L90 value measured during March 14-19, 2024 survey (late at night). The measured existing-condition sound level was adjusted using the A-Weighted Noise- Compensated ("ANS") metric, which effectively removes all high-frequency sound (birds, insects, etc.)