

**ENVIRONMENTAL ASSESSMENT FORM
SUPPLEMENTAL INFORMATION ATTACHMENT**

**Round Swamp Road Substation and Ruland Road Substation
to Plainview Substation New 69kV Transmission Circuits
(the “Proposed Action”)**

Part 1

E.1.d.i – Facilities serving children, the elderly, people with disabilities (e.g. schools, hospitals, licensed day care centers, or group homes) within 1,500 feet of the project site

Site	Approx. Distance from Proposed Action (feet)	Direction	Area
Plainview Old Bethpage Library	1,125	W	Old Country Road
Guru Gobind Singh Sikh Center	825	W	Old Country Road
Mid-Island Y JCC	900	NW	Manetto Hill Road
Atria Senior Living	900	N	Washington Avenue
Howard B. Mattlin Middle School Plainview-Old Bethpage District	650	N	Washington Avenue
Miss Sue’s Nursery School & Summer Program	200	S	Old Country Road
Plainview Reformed Church	1,480	S	Old Bethpage Road
Plainview-Old Bethpage John F. Kennedy High School	1,200	N	Kennedy Drive
Old Bethpage Elementary School	<50	E	Round Swamp Road
Temple Beth Elohim	1,110	SW	Round Swamp Road
Family Residences and Essential Enterprises, Inc.	620	S	Bethpage Sweet Hollow Road
Sunrise of Plainview Senior Living	50	S	Old Country Road

E.1.h – Potential Contamination History – Remediation Sites

Site	NYSDEC ID No.	Approx. Distance from Proposed Action (feet)	Direction	Address
Former Morton Village Cleaners	130201	1,250	W	1022 Old Country Road, Plainview
Merganthaler Linotype Co.	130007	250	N	Merganthaler Drive, Plainview

110 Sand Company	152100	1,150/ 650	E of Round Swamp Rd./North of Spagnoli Road.	136 Spagnoli Road, Melville
Old Bethpage Industrial Area Plume Trackdown	130171	20	S	Bethpage-Sweet Hollow Road and Winding Road, Old Bethpage
Former Aluminum Louvre Corp. Site	V00079	50	S	161 Bethpage-Sweet Hollow Road, Old Bethpage
Former Aluminum Louvre Corporation	130195	50	S	161 Bethpage-Sweet Hollow Rd & 301 Winding Rd, Old Bethpage
310 Winding Road	V00068	200	S	310 Winding Road, Old Bethpage
310 Winding Road	130109	200	S	310 Winding Road, Old Bethpage
Old Bethpage Landfill	130001	450	S	101 Bethpage-Sweet Hollow Road, Old Bethpage
Claremont Polychemical Corp.	130015	1,250	S	505 Winding Road, Old Bethpage
333 Smith Street	V100152	2,000	SE	333 Smith Street, Farmingdale
Former Newsday Facility	C152256	2,000	E	235 Pinelawn Road, Melville

E.1.h – Potential Contamination History – Spills Incidents

Spill Number	Date Spill Reported	Date Spill Closed	Spill Name	City/Town	Address
9304441	07/08/1993	12/13/1993	LILCO	PLAINVIEW / TOWN OF OYSTER BAY	WEST SIDE PLAINVIEW ROAD
9305069	07/22/1993	06/27/1994	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	PLAINVIEW ROAD
1207518	10/30/2012	05/10/2013	ROADWAY	PLAINVIEW / TOWN OF OYSTER BAY	PLAINVIEW ROAD / CLEARWATER
1216214	03/08/2013	06/25/2014	WAGNER RESIDENCE	PLAINVIEW / TOWN OF OYSTER BAY	588 PLAINVIEW ROAD
1700281	04/09/2017	05/05/2017	GORDON RESIDENCE	PLAINVIEW / TOWN OF OYSTER BAY	524 PLAINVIEW ROAD
8601772	6/30/1986	12/01/1986	MONTAUK SAND & GRAVEL	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD

Spill Number	Date Spill Reported	Date Spill Closed	Spill Name	City/Town	Address
8601939	06/20/1986	06/24/1986	ROAD MASTERS	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8607478	03/09/1987	03/26/1987	NY TELEPHONE CO	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8701248	05/14/1987	05/18/1987	LILCO	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8706265	10/23/1987	11/25/1987	SHELL S/S	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8706936	11/14/1987	11/25/1987	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	1660 OLD COUNTRY ROAD
8710736	03/24/1988	04/07/1988	MSBA BUS #354	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8710768	03/25/1988	04/07/1988	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8803653	07/27/1988	09/26/1988	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8804323	08/16/1988	11/02/1994	GULF OIL	PLAINVIEW / TOWN OF OYSTER BAY	1098 OLD COUNTRY ROAD
8806071	10/18/1988	02/09/1989	FRANCIS A LEE CORP	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
8901369	05/11/1989	05/12/1989	LILCO	PLAINVIEW / TOWN OF OYSTER BAY	1500 OLD COUNTRY ROAD
8912463	03/30/1990	04/04/1990	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD/MANETTO HILL RD
9006989	09/25/1990	11/02/1994	PLAINVIEW OFFICE CENTER	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9100031	04/01/1991	09/27/1993	GULF S/S	PLAINVIEW / TOWN OF OYSTER BAY	1098 OLD COUNTRY ROAD
9102609	06/04/1991	04/01/1993	PLAINVIEW OFFICE CTR TOPIC HOUSE	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9105952	09/03/1991	09/04/1991	TOWN OYSTER BAY SANITATION	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
9111108	01/24/1992	05/20/1992	PLAINVIEW OFFICE COMPLEX	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9200426	04/10/1992	04/01/1993	PLAINVIEW HEALTH CLINIC	PLAINVIEW / TOWN OF OYSTER BAY	1535 OLD COUNTRY ROAD
9206129	08/26/1992	08/27/1992	LILCO	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
9208512	10/09/1992	03/22/2004	PLAINVIEW WHOLESALE TIRE	PLAINVIEW / TOWN OF OYSTER BAY	1660 OLD COUNTRY ROAD
9209199	11/08/1992	11/10/1992	WALDBAUMS WAREHOUSE	PLAINVIEW / TOWN OF OYSTER BAY	1600 OLD COUNTRY ROAD
9209207	11/09/1992	12/22/1993	PLAINVIEW HEALTH CENTER	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD/EAST BETHPAGE RD

Spill Number	Date Spill Reported	Date Spill Closed	Spill Name	City/Town	Address
9209403	11/12/1992	12/28/1992	CENTRAL ISLAND NURSING HOME	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
9214046	03/23/1993	09/08/1997	MOBIL S/S #17KNH	PLAINVIEW / TOWN OF OYSTER BAY	1101 OLD COUNTRY ROAD
9308202	10/05/1993	06/28/1996	RGE	PLAINVIEW / TOWN OF OYSTER BAY	1650 OLD COUNTRY ROAD
9408851	10/04/1994	09/08/1997	MOBIL	PLAINVIEW / TOWN OF OYSTER BAY	1101 OLD COUNTRY ROAD
9413396	01/07/1995	02/16/1995	MOBIL	PLAINVIEW / TOWN OF OYSTER BAY	1101 OLD COUNTRY ROAD
9504917	07/23/1995	09/08/1997	MOBIL	PLAINVIEW / TOWN OF OYSTER BAY	1101 OLD COUNTRY ROAD
9509133	10/24/1995	07/25/1996	NCDPW PLAINVIEW OFFICE	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9509823	11/06/1995	07/25/1996	PLAINVIEW OFFICE COMPLEX	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9514996	02/22/1996	05/12/1997	NASSAU CO PLAINVIEW OFFICE	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9612210	01/10/1997	01/13/1997	PURZAK RESIDENCE	PLAINVIEW / TOWN OF OYSTER BAY	1465 OLD COUNTRY ROAD
9706413	08/02/1997	Not closed	MOBIL SERVICE STATION	PLAINVIEW / TOWN OF OYSTER BAY	1101 OLD COUNTRY ROAD
9709601	11/18/1997	01/08/1998	CHERRY LANE LITHOGRAPHICS	PLAINVIEW / TOWN OF OYSTER BAY	1478 OLD COUNTRY ROAD
9812110	12/21/1998	01/14/1999	MOBIL GAS STATION	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD/LIE
9825191	01/11/1999	01/29/1999	GENERAL UTILITIES TRUCK	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD (E/B)
9825212	01/26/1999	05/21/1999	NASSAU COUNTY PLAINVIEW OFFICE	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9925134	06/10/1999	06/11/1999	NCPD BOOTH F	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY ROAD
9908148	10/05/1999	01/04/2000	PLAINVIEW OFFICE COMPLEX B-D	PLAINVIEW / TOWN OF OYSTER BAY	1425 OLD COUNTRY ROAD
9910657	12/07/1999	10/01/2002	PERGAMENT HOME CENTER	PLAINVIEW / TOWN OF OYSTER BAY	1650 OLD COUNTRY ROAD
9911867	01/12/2000	02/27/2001	PERGAMANT HOME CENTERS	PLAINVIEW / TOWN OF OYSTER BAY	1650 OLD COUNTRY ROAD
1402009	05/23/2014	05/27/2014	AUTO-CHLOR SYSTEM	PLAINVIEW / TOWN OF OYSTER BAY	1530 OLD COUNTRY ROAD
1505475	08/20/2015	10/27/2015	COMMERCIAL BUILDING	PLAINVIEW / TOWN OF OYSTER BAY	1135 OLD COUNTRY ROAD

Spill Number	Date Spill Reported	Date Spill Closed	Spill Name	City/Town	Address
1511276	02/24/2016	04/05/2016	STORM DRAIN	PLAINVIEW / TOWN OF OYSTER BAY	1546 OLD COUNTRY ROAD
1709222	01/08/2018	02/01/2018	UNKNOWN	PLAINVIEW / TOWN OF OYSTER BAY	1119 OLD COUNTRY ROAD
8707415	11/23/1987	11/13/1989	PLAINVIEW FIRE DISTRICT	PLAINVIEW / TOWN OF OYSTER BAY	ROUND SWAMP & OLD BETHPAGE
8905166	08/24/1989	09/15/1989	ANDRE ZONKER	PLAINVIEW / TOWN OF OYSTER BAY	ROUND SWAMP ROAD
9706156	08/19/1997	07/02/2001	PLAINVIEW FIRE DEPARTMENT	PLAINVIEW / TOWN OF OYSTER BAY	ROUND SWAMP ROAD
9706613	08/19/1997	07/02/2001	PLAINVIEW FIRE DEPARTMENT	PLAINVIEW / TOWN OF OYSTER BAY	ROUND SWAMP ROAD
1007240	10/03/2010	08/10/2011	OTB	PLAINVIEW / TOWN OF OYSTER BAY	1600 ROUND SWAMP RD
1603876	07/19/2016	02/08/2018	CONSTRUCTION SITE	PLAINVIEW / TOWN OF OYSTER BAY	OLD COUNTRY RD/ROUND SWAMP RD, OPPOSITE #1600
8910861	02/13/1990	02/23/1990	INCINERATOR PLANT	OLD BETHPAGE	1 BETHPAGE SWEET HOLLOW ROAD
1801978	05/20/2018	05/29/2019	OYSTER BAY RECYCLING	BETHPAGE	101 BETHPAGE SWEET HOLLOW ROAD
8703422	07/27/1984	09/29/1987	ALUMINUM LOUVER CORP.	OLD BETHPAGE	161 SWEET HOLLOW ROAD
8707202	11/20/1987	05/05/1988	DYNA FORCE	OLD BETHPAGE	195 SWEET HOLLOW ROAD
8709204	01/28/1988	04/01/1988	CONSOLIDATED FREIGHT	OLD BETHPAGE	192 SWEET HOLLOW ROAD
8808127	01/11/1989	08/26/1993	TOWN OF OYSTER BAY	OLD BETHPAGE	SWEET HOLLOW ROAD
8904447	08/03/1989	10/17/1989	DYNA FORCE	BETHPAGE	195 SWEET HOLLOW ROAD
9100949	04/24/1991	10/19/1993	CONSOLIDATED FREIGHT WAY	OLD BETHPAGE	192 SWEET HOLLOW ROAD
0550114	04/19/2005	11/04/2005	OLD BETHPAGE SOLID WASTE FACILITY	OLD BETHPAGE	OLD BETHPAGE-SWEET HOLLOW ROAD
1801978	05/20/2018	05/29/2019	OYSTER BAY RECYCLING	BETHPAGE	101 BETHPAGE SWEET HOLLOW ROAD
9109757	12/12/1991	12/16/1991	CONSOLIDATED FREIGHTWAYS	OLD BETHPAGE / TOWN OF OYSTER BAY	192 SPAGNOLI ROAD
9209231	11/06/1992	12/19/2003	JACK REY TRANSPORT	OLD BETHPAGE / TOWN OF OYSTER BAY	OLD BETHPAGE SPAGNOLI RD

Spill Number	Date Spill Reported	Date Spill Closed	Spill Name	City/Town	Address
9308470	10/13/1993	03/18/1994	ROLLER CORP	OLD BETHPAGE / TOWN OF OYSTER BAY	202 SPAGNOLI ROAD
8604423	10/09/1986	10/14/1986	STREICHLER TRUCKING	PLAINVIEW / TOWN OF OYSTER BAY	290 SPAGNOLI ROAD
8908764	12/05/1989	07/05/1991	HESCH THE WRECK	BETHPAGE / TOWN OF OYSTER BAY	CLAREMONT RD OFF SPAGNOLI
9708105	10/09/1997	10/03/2001	RACANELLI ASSOC	BETHPAGE / TOWN OF OYSTER BAY	175-183 SPAGNOLI ROAD
9708406	10/17/1997	05/18/1999	COMMERCIAL PROPERTY	BETHPAGE / TOWN OF OYSTER BAY	202-222 SPAGNOLI ROAD
9708621	10/22/1992	07/02/2001	RACANELLI	BETHPAGE / TOWN OF OYSTER BAY	175-183 SPAGNOLI ROAD
0410015	12/08/2004	03/16/2005	ESTEE LAUDER	BETHPAGE / TOWN OF OYSTER BAY	290 SPAGNOLI ROAD
8808259	01/17/1984	01/19/1989	UNKNOWN	MELVILLE	ROUTE 110 & RULAND ROAD
9408819	10/03/1994	09/26/1996	UNKNOWN	MELVILLE	ROUTE 110 & RULAND ROAD
9810576	11/20/1998	04/11/2008	SUNOCO STATION	MELVILLE	ROUTE 110 & RULAND ROAD
0007345	09/22/2000	01/25/2005	KEYSPAN SUBSTATION	MELVILLE	RULAND ROAD
0204003	07/17/2002	03/22/2009	UNKNOWN	MELVILLE	RULAND ROAD E/O ROUTE 110
0204527	07/30/2002	02/16/2005	RULAND ROAD SUBSTATION #6U	MELVILLE	RULAND ROAD
0303139	06/24/2003	06/25/2003	UNKNOWN	MELVILLE	RULAND ROAD
0303140	06/24/2003	02/16/2005	SUBSTATION	MELVILLE	6 U RULAND ROAD

Part 3

#1 Impact on Land – The Proposed Substation and associated transmission and distribution and will be constructed within an existing Nassau County owned stormwater recharge basin parcel. Approximately 9.34 acres of the approximate 11.46 acre parcel will be disturbed as part of the Proposed Substation construction. Construction of the Proposed Substation will require the removal of approximately 6.2-acres of natural landscaping (i.e., trees, shrubs etc.), as well as regrading for substation construction and modifications to the recharge basin to provide adequate stormwater storage capacity in accordance with a Stormwater Pollution Prevention Plan (SWPPP). It is not anticipated that any excess soils will be generated during construction. It is anticipated that all excavated soil from the Proposed Substation parcel will be re-used, unless deemed unsuitable, and that an additional approximately 38,900 cubic yards of fill will be brought to the site for regrading activities. Any excess unsuitable soil generated during construction will be transported off-site for disposal in accordance with applicable federal and state regulations.

Subsequent to substation construction and parcel regrading, vegetation will be planted within the Nassau County parcel and trees will be installed around the northern and western substation perimeter. The underground transmission circuits and distribution feeders will be installed primarily on previously disturbed land within existing public roadway right-of-ways, and within the existing LIPA Plainview and Ruland Road Substations.

The transmission circuits and portions of the distribution feeders will be installed along Plainview Road, Old Country Road, Round Swamp Road, Bethpage Sweet Hollow Road, Spagnoli Road and will require interconnection into the Plainview Substation, into the Round Swamp Road Substation through the Nassau County parcel, and into the Ruland Road Substation. Subsequent to transmission circuit and distribution feeder installation, disturbed areas will be restored (paved areas restored with asphalt/concrete and grass areas re-seeded/mulched). Any impacts to land from construction will be strictly temporary in nature and will be mitigated by work methods and controls. Accordingly, impacts to land will not be significant.

#3 Impacts on Surface Water – As the Proposed Action will require soil disturbance of an area greater than one acre, the Proposed Action requires coverage under the State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from Construction Activity (NYSDEC SPDES Permit No. GP-0-20-001). Stormwater quality and volume will be addressed in a Stormwater Pollution Prevention Plan (SWPPP) that will be prepared prior to initiation of construction activities. The SWPPP will be prepared in accordance with the requirements and the technical specifications set forth in the NYSDEC SPDES Permit No. GP-0-20-001 and New York State Stormwater Management Design Manual (NYSSMDM) or the “Blue Book”. The project will result in an increase in stormwater capacity of the existing Nassau County recharge basin.

The stormwater basin that will be altered for the construction of the Proposed Substation is not regulated by NYSDEC or the United States Army Corps of Engineers (USACE). Construction activities will adhere to best management practices with regard to erosion and sediment control which will prevent significant adverse impacts to wetlands and surface waters.

#4 Impact on Groundwater – After the construction of the Proposed Substation, herbicides will be applied annually inside the Proposed Substation and immediately outside of the fencing to control vegetative regrowth. PSEG Long Island will follow best management practices and follow manufacturer’s guidelines when applying these herbicides. Excavation is not anticipated to reach the depth of groundwater, with the exception of HDD activities along Spagnoli Road crossing Route 110. The installation of the 69kV UG transmission circuits via HDD technology will be advanced at depths that interact with the groundwater interface; however, no impact to groundwater will result from the HDD installation as drilling fluid is inert and non-hazardous and no pumping of groundwater will occur from the HDD operation. The HDD operation will be a short-term disturbance confined to the shallow aquifer. Spent drilling fluids will be disposed of in accordance with applicable state and federal regulations. Significant adverse impacts to groundwater will therefore not occur as a result of construction or operation of the Proposed Action.

#5 Impact on Flooding – The Proposed Action does not lie within the 100- or 500-year floodplain. As discussed above, construction of the Proposed Action will require regrading and modifications to the Nassau County recharge basin to provide adequate stormwater storage capacity, which will result in an increase in capacity of the basin. Therefore, construction and operation of the Proposed Action will not result in significant adverse impacts on flooding.

#7 Impact on Plants and Animals –Approximately 9.34 acres of the approximate 11.46 acre parcel will be disturbed for construction of the Proposed Substation and distribution and transmission interconnections. Construction will result in a disturbance of trees, vegetation and the ecological communities present within the parcel, including the permanent loss of approximately 0.6-acres of vegetated cover. Currently the dominant species covering the Proposed Substation parcel are invasive species listed as invasive prohibited under NYCRR Part 575. No Significant Natural Communities as defined by NYSDEC are present within the Proposed Substation parcel. Upon completion of clearing and grading, native seed and/or plantings will be installed in disturbed areas within the Nassau County parcel.

The Proposed Action will not result in significant adverse impacts to wildlife at either the individual or population level. Construction of the Proposed Substation will result in the temporary displacement of all wildlife at the site to the adjacent parcels. Given the close proximity of the Pine Ridge Conservation Area, a 165-acre forested parcel, it is likely that some displaced wildlife will migrate to that area. Given the suburbanized surrounding environment, the wildlife likely to be displaced are habitat generalists and species that are disturbance tolerant. Individuals of these species may temporarily be displaced from the Proposed Substation property during construction. However, they are likely to return to the Proposed Substation parcel once construction is completed.

Based on the NYSDEC Environmental Assessment Form mapper, the Proposed Action site does not contain any plant or animal species listed by the federal government of New York State as endangered or threatened, and does not contain areas identified as habitat for endangered or threatened species. Although the EAF mapper indicated that designated significant natural communities are present on the Proposed Action site, GIS Significant Natural Community data confirmed that none are mapped on-site.

New York Natural Heritage Program (NHP) indicated that no NHP data for the presence of rare or state-listed animals and/or significant natural communities exists for the Project Site or in the adjacent areas. Although USFWS IPaC records identify six federally listed species potentially occurring in the vicinity of the Project Site, suitable habitat for these species was not identified within the Project Site. Given the abundant presence of invasive species and no rare indicator species or particular habitats were found to be present at the Proposed Substation parcel during the site visit, it is unlikely that state or federally listed threatened or endangered species are present at the Project Site. Therefore, the Proposed Action will not have a significant effect on rare, threatened, endangered species or significant natural communities.

#9 Impact on Aesthetic Resources – Construction of the Proposed Substation will result in limited changes to land use of the Nassau County Stormwater Recharge Basin parcel. Of the 11.46 acre parcel, approximately 0.76 acres will be utilized for the Proposed Substation, approximately 0.30 acres will be utilized for the access road, and approximately 0.69 acres will be a grass right-of-way for LIPA transmission circuit/distribution feeder maintenance/repair activities. The remaining areas (approximately 9.71 acres) will continue to be utilized as a stormwater recharge basin. The Proposed Substation will be located in the northernmost portion of the parcel, set back from Old Country Road, and immediately adjacent to parking areas associated with commercial properties. The limited equipment installations in the Plainview Substation will be within the property footprint, in areas of existing buswork, and will be consistent in height and appearance as existing substation equipment. Therefore, the Proposed Substation and work at the Plainview Substation will not result in significant adverse impacts to existing land uses or character of the area.

The proposed transmission circuits and distribution exit feeders will be constructed underground, primarily within existing public roadway or rights-of-way where existing electrical infrastructure exists. Further, they will be constructed underground, with the exception of two distribution pole replacements and three new 70-foot riser poles. The two pole replacements along the distribution feeder route on Round Swamp Road will be consistent in height to existing poles. In addition, the wood riser poles connecting the UG transmission circuit to the Ruland Road Substation will be located adjacent to the Ruland Road Substation, where abundant electrical infrastructure exists. As such, the transmission and distribution work will not result in significant adverse impacts to land use or character of the area.

Based on the Visual Resources Assessment conducted by PS&S (see Attachment D), the aboveground components of the Proposed Action will not result in significant adverse impacts to the visual resources identified within one mile of the Proposed Action. The Proposed Action will not significantly impair the visual landscape as experienced from any scenic or aesthetic resources and will not interfere with or reduce the public's, or area residents', enjoyment or appreciation of the appearance of any inventoried scenic, open space, or other resource. Thus, there will be no significant adverse visual impacts as a result of the Proposed Action.

#10 Impact on Historic and Archaeological Resources – The Proposed Action is not located on or adjacent to any property that is listed on the National Register of Historic Places. Portions of the Proposed Action are located within NYSOPRHP designated archaeologically sensitive areas. A consultation request was submitted to the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) in order to evaluate the potential impact of the Proposed Action on archaeological and/or historic resources. A response was received from the NYSOPRHP on March 08, 2019 stating that this work will have no impact on archaeological and/or historic resources listed in or eligible for the New York State and National Register of Historic Places.

#11 Impact on Open Space Resource – Prior to obtaining the easement from Nassau County for the construction of the Proposed Substation and access roads within the Nassau County Stormwater Recharge Basin parcel, approval was required by the Nassau County Planning Commission, as well as the Open Space and Parks Advisory Committee (OSPAC). Recharge basins within Nassau County are categorized as open space for land use classification purposes. However, these lands are not open for public use, and do not serve as a recreational resource. Recharge basins do have a limited level of ecological value for stormwater storage and wildlife habitat. The capacity of the recharge basin will increase as a result of the Proposed Action. The clearing and development of the Proposed Substation will remove some wildlife habitat, however at the completion of construction disturbed areas will be improved through the removal of existing invasive plant species, and installation of native seed or plant species.

#12 Impact on Critical Environmental Areas – The Special Ground Water Protection Areas (SGPAs) for Oyster Bay and West Hills-Melville as identified in the NYSDEC Critical Environment Area Maps 8 and 9 respectively, are adjacent to the Proposed Action. No project components are located within these areas.

#15 Impact on Noise, Odor, and Light – Due to the installation/operation of transformer banks at the Proposed Substation, a Noise Impact Assessment Study was conducted. The modeled worst-case noise impact level of the proposed transformer banks will not result in any recordable (<0.1 dBA increase) or perceptible noise increase above existing ambient noise levels at the property lines closest to the Proposed Substation. According to the NYSDEC noise policy, noise level increases of less than three decibels are generally considered to be imperceptible and therefore are not considered to be a significant noise impact. Short term impacts to ambient or background noise levels and vibration levels may be experienced along

the Proposed Action route from construction equipment operation, as well as from mobile sources (i.e., trucks and worker vehicles traveling to and from the Substation Site). These impacts, if any, will be temporary in nature and are typical for any utility construction project of this of this type.

Outdoor lighting will be located within the Proposed Substation. The height of light fixtures will result in negligible, if any, light spillage onto adjacent properties. Therefore, the Proposed Action will not result in any significant adverse noise or light impacts.

#16 Impact on Human Health – After completion of the Proposed Action, herbicides will be applied annually inside the Proposed Substation and immediately outside of the fencing to control vegetative regrowth. PSEG Long Island will follow best management practices and follow manufacturer's guidelines when applying these herbicides.

As listed under E.1.h above, there are 12 NYSDEC remediation sites located within 2,000 feet of the Proposed Action. The closest of these sites is the Old Bethpage Industrial Plume, which is an area of groundwater contaminated with volatile organic compounds, located downgradient of commercial and industrial properties on Bethpage-Sweet Hollow Road, Winding Road, Spagnoli Road and Hub Road. No further action was identified for this site. Although the Proposed Action may be located in the immediate vicinity of this site, the underground transmission circuits in the vicinity of this site will be installed to maximum depths of approximately 10 feet below grade and will not encounter groundwater. Although HDD portion crossing Route 110 will extend to maximum depths of approximately 50 feet below grade and may encounter groundwater, this area is located ~1,150 feet east of this site based on the Site Characterization Report prepared for this site. In addition, as listed under E.1.h above, over 80 NYSDEC spills were identified at and in the vicinity of the Proposed Action. Based on information provided in the NYSDEC Spills database, all of these incidents have been reported as closed (see Part 1, E.1.h above). Given these spills are closed and as proper health and safety protocols will be implemented during construction activities, exposure to contamination associated with the remediation sites and/or is not anticipated.

There are approximately 12 identified facilities serving children, the elderly, or people with disabilities within 1,500 feet of the Proposed Action; however, none of these are located adjacent to the Substation Site. Construction impacts associated with work beyond the limits of the Substation Site will be temporary in nature, and thus will have no significant adverse impacts on these receptors.

#17 Consistency with Community Plans – The 1998 Nassau County Comprehensive Plan and Town of Huntington Comprehensive Plan do not specifically mention the Proposed Action site. However, the Nassau County Comprehensive Plan states that “the first major environmental Goal is to protect and preserve the County’s critical natural resources, including the wetlands, aquifers, shorelines, water bodies, open space, significant vegetation and nature preserves”, and provides recommendations and implementation strategies to “...utilize recharge basins for groundwater replenishment as well as passive recreation uses and natural habitats...”. However, the Proposed Substation parcel is not open for public use, and does not serve as a recreational resource. Recharge basins do have a limited level of ecological value for stormwater storage and wildlife habitat. The capacity of the recharge basin will increase as a result of the Proposed Action which will accommodate stormwater drainage. The clearing and development of the Proposed Substation Parcel will remove some wildlife habitat, however at the completion of construction, seed and/or plantings will be installed in disturbed areas.

#18 Consistency with Community Character – The Proposed Substation construction will result in some changes to land use of the Nassau County Stormwater Recharge Basin parcel. However, only 1.76 acres of the 11.46 acre parcel will be utilized as an electric substation or associated utility right-of-way. The

remaining areas will continue to be utilized as an active stormwater recharge basin. The Proposed Substation will be located in the northernmost portion of the parcel, set back from Old Country Road, and immediately adjacent to parking areas associated with commercial properties. Therefore, the Proposed Substation will not result in significant adverse impacts to the character of the area.

The vast majority of the proposed transmission circuits and distribution exit feeders will be located along existing public roadway or utility rights-of-way, where overhead and underground utility infrastructure currently exists. The two pole replacements along the distribution feeder route on Round Swamp Road will be consistent in height to existing poles, and will result in no impacts to land use or community character. In addition, the wood riser poles connecting the UG transmission circuit to the Ruland Road Substation will be located adjacent to the Ruland Road Substation, where abundant electrical infrastructure exists, and will be screened from public view by nearby vegetation. As such, the transmission and distribution work will not result in significant adverse impacts to the existing character of the area.