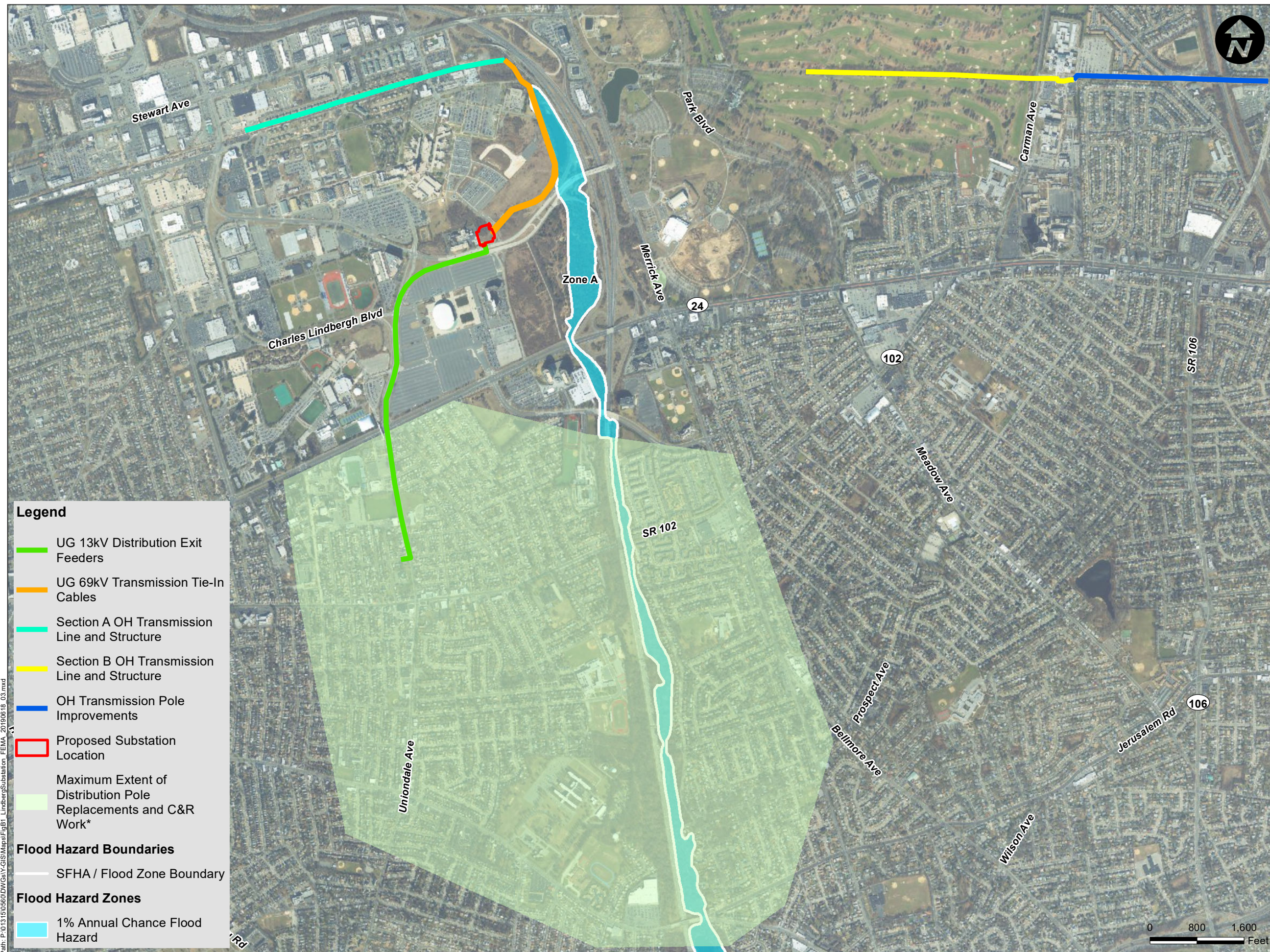


APPENDIX B

NATURAL RESOURCES ASSESSMENT FIGURES AND SUPPORTING DOCUMENTATION

Natural Resources Assessment Figures



Note:
*Shaded area represents maximum lateral extent of OH distribution activities

Sources:

1. FEMA, National Flood Hazard Layer, 2018
FIRM Panels: 36059C0226G, 36059C0228G,
36059C0227G, 36059C0229G, 36059C0229G, Effective
09/11/2009
2. Nassau County Imagery, NYS ITS GIS Orthos, 2016
3. Esri, StreetMap USA, 2012

114 OLD COUNTRY ROAD
SUITE 100
MINEOLA, NEW YORK 11501
PHONE: (732) 560-9700
IFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS SHALL BE AS NOTED IN WORDS OR NUMBERS ON THE CONTRACT DRAWINGS. DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.

THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.

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PROJECT TITLE

SHEET TITLE

PROJ. NO. 01315.0560

DRN. BY PDT

CHK, BY MH

SCALE 1" = 1,600'

FIGURE NO. B1

0 800 1,600 Feet



Path: P:\013150560\DWG\GIS\Map\FigB2_LindberghSubstation_Wetlands_20190618_03.mxd

Note:
*Shaded area represents maximum lateral extent of OH distribution activities

Zone A: Areas subject to inundation by the 1-percent-annual-chance flood event generally determined using approximate methodologies. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown. Mandatory flood insurance purchase requirements and floodplain management standards apply.

Sources:
1. NYSDEC, Water Quality Classifications, 2010
2. National Wetlands Inventory, USFWS, Wetlands, 2015
3. NYSDEC, New York State Wetlands, 2002
4. Nassau County Imagery, NYS ITS GIS Orthos, 2016
5. Esri, StreetMap USA, 2012



114 OLD COUNTRY ROAD
SUITE 100
MINEOLA, NEW YORK 11501
PHONE: (732) 560-9700
CERTIFICATE OF AUTHORIZATION NO. 24GA28032700

ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR. NOTIFY PAULUS, SOKOLOWSKI AND SARTOR, LLC OF ANY CONFLICTS, ERRORS, AMBIGUITIES OR DISCREPANCIES IN THE CONTRACT DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING WITH CONSTRUCTION. DRAWINGS DO NOT SCALE THE DRAWINGS TO DETERMINE DIMENSIONS.

THESE CONTRACT DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT AND CLIENT. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.

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PROJECT TITLE

**Lindbergh Substation and
Associated Transmission Line
Replacement and Reconductoring,
Distribution Feeder Installation, and
Conversion and Reconductoring Project**
Town of Hempstead
Nassau County, New York

SHEET TITLE

**WETLANDS AND SURFACE
WATERS**

PROJ. NO. **01315.0560**

DATE 6/18/2019
DRN. BY PDT
CHK. BY MH
SCALE 1" = 1,600'

FIGURE NO. B2



Perimeter Rd

Charles

Charles Lindbergh Blvd

159

~ 0.1 ac.

~ 0.7 ac.

~ 0.8 ac.

~ 0.1 ac.

0 50 100 200 Feet

Esri, HERE, Garmin, © OpenStreetMap contributors

Legend

- Proposed Substation Location
- Remnant Hempstead Plains
- Successional Old Field
- Successional Shrubland

Note:
Hempstead Plains Grassland, Successional Old Field, and Successional Shrub Land are approximate.

Sources:
Nassau County Imagery, NYS ITS GIS
Orthos, 2016
Esri, World Street Map, 2018



114 OLD COUNTRY ROAD
SUITE 100
MINEOLA, NEW YORK 11501
PHONE: (732) 560-9700

PROPOSED SUBSTATION VEGETATION MAP
Lindbergh Substation and Associated Transmission Line
Replacement and Reconductoring, Distribution Feeder
Installation, and Conversion and Reconductoring Project
Town of Hempstead
Nassau County, New York

Drawn By: DM/PDT

Scale: 1" = 100'

Project No. 01315.0560

Chk'd By: MH

Date: 3/1/2019

Figure No. B3

United States Fish and Wildlife Service IPaC Report



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:

April 04, 2018

Consultation Code: 05E1LI00-2018-SLI-0387

Event Code: 05E1LI00-2018-E-00832

Project Name: Proposed Lindbergh Substation and supporting system upgrades.

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

Project Summary

Consultation Code: 05E1LI00-2018-SLI-0387

Event Code: 05E1LI00-2018-E-00832

Project Name: Proposed Lindbergh Substation and supporting system upgrades.

Project Type: TRANSMISSION LINE

Project Description: The Proposed Project would involve the construction of a new utility substation to be located at the northwest corner of the intersection of Perimeter Road and Charles Lindbergh Boulevard in the hamlet of East Garden City, Town of Hempstead, Nassau County, New York. The proposed Substation would be constructed on a 2.3-acre lot. The proposed substation property is currently undeveloped and comprised of natural vegetation (i.e., trees, shrubs, and grass). To accommodate the installation several Overhead Transmission line poles will be removed entirely, others will be added, and some poles will be replaced. One riser structure will be installed and underground transmission and distribution feeders will be updated.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/40.73392169341264N73.55743828906178W>



Counties: Nassau, NY

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

| NAME | STATUS |
|--|------------|
| Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045 | Threatened |

Birds

| NAME | STATUS |
|---|------------|
| Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039 | Threatened |
| Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864 | Threatened |
| Roseate Tern <i>Sterna dougallii dougallii</i> Population: northeast U.S. nesting pop. No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083 | Endangered |

Flowering Plants

| NAME | STATUS |
|---|------------|
| Sandplain Gerardia <i>Agalinis acuta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8128 | Endangered |
| Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549 | Threatened |

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:

February 01, 2019

Consultation Code: 05E1LI00-2019-SLI-0237

Event Code: 05E1LI00-2019-E-00510

Project Name: Proposed Lindbergh Substation and Transmission and Distribution upgrades

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

Project Summary

Consultation Code: 05E1LI00-2019-SLI-0237

Event Code: 05E1LI00-2019-E-00510

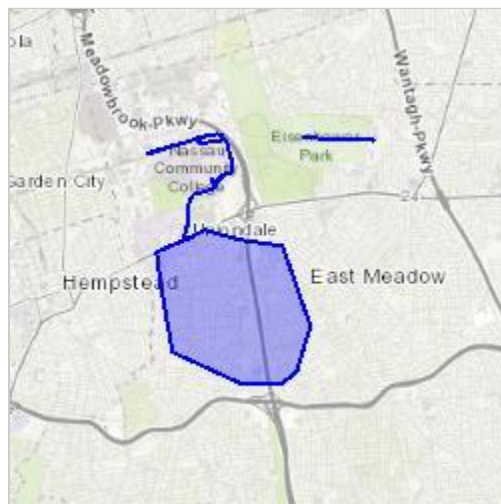
Project Name: Proposed Lindbergh Substation and Transmission and Distribution upgrades

Project Type: TRANSMISSION LINE

Project Description: The Proposed Project would involve the construction of a new utility substation to be located at the northwest corner of the intersection of Perimeter Road and Charles Lindbergh Boulevard in the hamlet of East Garden City, Town of Hempstead, Nassau County, New York. The proposed Substation would be constructed on a 1.7-acre lot. The proposed substation property is currently undeveloped and comprised of natural vegetation (i.e., trees, shrubs, and grass). To accommodate the installation Overhead Transmission and Distribution structures will be removed entirely, others will be added, and some poles will be replaced. Underground transmission and distribution feeders will be installed within public roadway right-of-ways.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/40.714081333205144N73.5861179314409W>



Counties: Nassau, NY

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

| NAME | STATUS |
|--|------------|
| Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045 | Threatened |

Birds

| NAME | STATUS |
|---|------------|
| Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039 | Threatened |
| Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864 | Threatened |
| Roseate Tern <i>Sterna dougallii dougallii</i> Population: northeast U.S. nesting pop. No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083 | Endangered |

Flowering Plants

| NAME | STATUS |
|--|------------|
| Sandplain Gerardia <i>Agalinis acuta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8128 | Endangered |
| Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549 | Threatened |

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

New York Natural Heritage Program Letter and Supporting Documentation

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program

625 Broadway, Fifth Floor, Albany, NY 12233-4757

P: (518) 402-8935 | F: (518) 402-8925

www.dec.ny.gov

April 25, 2018

Megan Hayes
Paulus, Sokolowski & Sartor Engineering, P.C.
One Larkin Plaza, 2nd Floor
Yonkers, NY 10701

Re: Proposed Lindbergh Substation Project
County: Nassau Town/City: Hempstead

Dear Ms. Hayes:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

The proposed route of the underground distribution and transmission feeders along Perimeter Road runs through the ecologically significant Hempstead Plains, a unique grasslands natural community of high conservation concern. Enclosed is a report of rare or state-listed animals and plants and significant natural communities that our database indicates occur at the Hempstead Plains along or near Perimeter Road. Maps of the Hempstead Plains community and of the rare plants are also provided. We recommend that the work on the underground feeders be confined to the roadside, with no impacts to the Hempstead Plains community or its rare plants.

The proposed substation location is across Perimeter Road from the Hempstead Plains Preserve. We recommend that field surveys for listed plants and for remnants of Hempstead Plains grasslands be conducted at the proposed substation location, especially in sandy, open areas in the southern portion of the site. If any rare plants are found, please contact us for further consultation regarding impact avoidance and mitigation.

The enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 1 Office, Division of Environmental Permits, dep.r1@dec.ny.gov, (631) 444-0365.

Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program





**The following state-listed animals have been documented
in the vicinity of the project site.**

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing.

For information about any permit considerations for the project, contact the Permits staff at the NYSDEC Region 1 Office at dep.r1@dec.ny.gov, (631) 444-0365. For information about potential impacts of the project on these species, and how to avoid, minimize, or mitigate any impacts, contact the Wildlife Manager.

The following species have been documented at the Hempstead Plains, in the area of the proposed substation and of the underground feeder route along Perimeter Road.

| <i>COMMON NAME</i> | <i>SCIENTIFIC NAME</i> | <i>NY STATE LISTING</i> | <i>FEDERAL LISTING</i> |
|--|-----------------------------|-------------------------|------------------------|
| Birds | | | |
| Upland Sandpiper <i>Breeding</i> | <i>Bartramia longicauda</i> | Threatened | 10925 |
| Butterflies | | | |
| Frosted Elfin | <i>Callophrys irus</i> | Threatened | 12187 |

This report only includes records from the NY Natural Heritage database.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.



**The following rare plants and significant natural communities
have been documented at the project site, or in its vicinity.**

We recommend that potential impacts of the proposed project on these species or communities be addressed as part of any environmental assessment or review conducted as part of the planning, permitting and approval process. Field surveys of the project site may be necessary to determine the status of a species at the site, particularly for sites that are currently undeveloped and may still contain suitable habitat. Final requirements of the project to avoid, minimize, or mitigate potential impacts are determined by the lead permitting agency or the government body approving the project.

The following natural community is considered significant from a statewide perspective by the NY Natural Heritage Program because it is a community type that is rare in the state and in the world. By meeting specific, documented criteria, the NY Natural Heritage Program considers these community occurrences to have high ecological and conservation value.

*COMMUNITY NAME**HERITAGE CONSERVATION STATUS***Hempstead Plains Grassland**

Globally Rare Community Type

3856

This is the last known remnant of Hempstead Plains grassland, extremely reduced from its historical size of about 38,000 acres. Patches in parcel along Perimeter Road are in good to poor condition.

The following plants are listed as Endangered or Threatened by New York State, and so are a vulnerable natural resource of conservation concern.

The following plants have been documented in the portion of the Hempstead Plains grassland along Perimeter Road.

*COMMON NAME**SCIENTIFIC NAME**NY STATE LISTING**HERITAGE CONSERVATION STATUS***Sandplain Agalinis***Agalinis decemloba*Endangered
and Federally Listed as Endangered

Critically Imperiled in NYS

Few-flowered Nut Sedge*Scleria pauciflora*

Endangered

Critically Imperiled in NYS

Nuttall's Milkwort*Polygala nuttallii*

Threatened

Imperiled in NYS

Early Frostweed*Crocanthemum propinquum*

Threatened

Imperiled in NYS

Narrow-leaved Bush Clover*Lespedeza angustifolia*

Threatened

Imperiled in NYS

Green Milkweed*Asclepias viridiflora*

Threatened

Imperiled in NYS

Midland Sedge*Carex mesochorea*

Threatened

Imperiled in NYS

Rough Hedge Nettle*Stachys hyssopifolia* var.

Threatened

Imperiled in NYS

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at <http://plants.usda.gov/index.html> (for plants).

Information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org. For descriptions of all community types, go to www.dec.ny.gov/animals/97703.html for Ecological Communities of New York State.

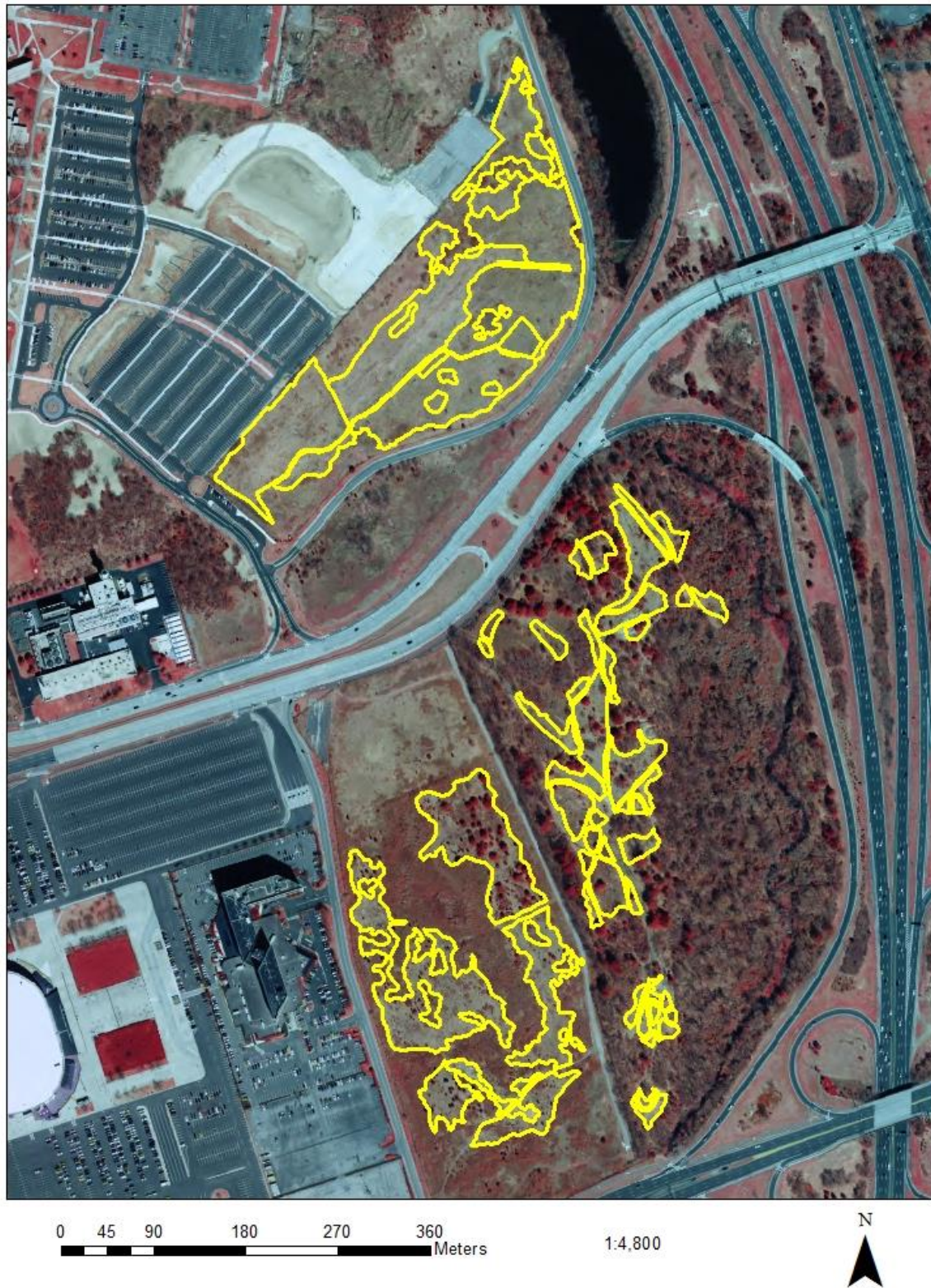


Figure. Hempstead Plains Grassland Element Occurrence Map (EOID 3865). Includes all Hempstead Plains Grassland variants surveyed in 2017.



Figure. Rare Plant Species of Parcel A.

From: dec.sm.NaturalHeritage
To: [Hayes, Megan](#)
Cc: [Salmon, Scott](#)
Subject: RE: Natural Heritage Data Request
Date: Tuesday, February 12, 2019 2:55:51 PM

Ms. Hayes,

In response to your request, New York Natural Heritage reviewed the expanded project area for the proposed PSEG LI Lindbergh Substation and associated Transmission and Distribution line upgrades. We do not have any records of rare or listed species or of significant natural communities in the newly added area south of Charles Lindbergh Boulevard. You may use our response of April 25, 2018, to your original request as a record of Natural Heritage findings for the entire expanded project area.

Sincerely,

Nicholas Conrad

Information Resources Coordinator

New York Natural Heritage Program

SUNY College of Environmental Science and Forestry

In partnership with NYS Department of Environmental Conservation

625 Broadway

Albany, NY 12233-4757

(518) 402-8935

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From: Hayes, Megan <mhayes@psands.com>
Sent: Monday, January 14, 2019 4:03 PM
To: dec.sm.NaturalHeritage <NaturalHeritage@dec.ny.gov>
Cc: Salmon, Scott <:ssalmon@psands.com>
Subject: RE: Natural Heritage Data Request

Good Afternoon Information Resources,

Please see the attached Natural Heritage Data Request letter for the PSEG LI Proposed Lindbergh Substation and associated Transmission and Distribution line upgrades. To supplement this data request, we've attached a zipped shape file of the proposed project work areas. This submission is a related to a prior submission that was made in April of 2017. The letter attachment includes the prior correspondence.

If you happen to have any questions regarding this project, please feel free to give me a call.

Best Regards,
Megan Hayes

Megan Hayes

o. 914-509-8612
c. 510-381-3263
mhayes@psands.com



One Larkin Plaza 2nd Flr.
Yonkers, NY 10701

<https://protect2.fireeye.com/url?k=4e4132b9-12643eda-4e43cb8c-0cc47aa88e08-5f7f836859fbff0b&u=http://www.psands.com/>

From: dec.sm.NaturalHeritage <NaturalHeritage@dec.ny.gov>
Sent: Wednesday, April 25, 2018 4:32 PM
To: Hayes, Megan <mhayes@psands.com>
Cc: Kiernan, Christopher <Christopher.Kiernan@PSEG.COM>; Salmon, Scott <ssalmon@psands.com>
Subject: RE: Natural Heritage Data Request

Ms. Hayes,
In response to your request, please see the attached letter, reports, and maps.

Sincerely,

Nicholas Conrad

Information Resources Coordinator

New York Natural Heritage Program

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From: Hayes, Megan [<mailto:mhayes@psands.com>]
Sent: Thursday, April 05, 2018 11:30 AM
To: dec.sm.NaturalHeritage <NaturalHeritage@dec.ny.gov>
Cc: Kiernan, Christopher <Christopher.Kiernan@PSEG.COM>; Salmon, Scott <ssalmon@psands.com>
Subject: Natural Heritage Data Request

Good Afternoon Information Resources,

Please see the attached Natural Heritage Data Request letter for the PSEG LI Proposed Lindbergh

Substation. To supplement this data request, we've attached a zipped shape file of the proposed project work areas.

If you happen to have any questions regarding this project, please feel free to give me a call.

Best Regards,

Megan Hayes

Megan Hayes

o. 914-509-8612

c. 510-381-3263

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