Fig. 3 See Fig. 2 for details

Engineers/Surveyors
Planners
Environmental Scientists
Landscape Architects

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THE CHAZEN COMPANIES

Map Document: (R:\9\90601-90699\90621_00NationalGridKarnerBlue\GIS\maps\maps2011\90621_00_QuadsContainingPlanAreaAndDistributionLines_8x11.mxd)

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Index Map of NY State Highlighting the Area Shown on the Main Map

Legend:
- Quadrangles containing covered lands (transmission and/or distribution lines) (see Figures 3 - 15 for additional detail)
- Quadrangles with potential for covered species only in distribution lines (no transmission line habitat)
- Boundary of distribution lines that have potential for covered species
- County Boundary

National Grid Habitat Conservation Plan
National Grid Habitat Conservation Plan:
Quadrangles Containing Covered Lands
Albany, Oneida, Saratoga, Schenectady and Warren Counties, New York

December 2011
Scale: 1:900,000
Project: 90621.00
Status: 1

Date: 03/27/2011
Scale: 1:900,000
Project: 90621.00
Status: 1
National Grid Habitat Conservation Plan
Quadrangles Containing Covered Lands
Albany, Oneida, Saratoga, Schenectady and Warren Counties, New York

Legend:
- Quadrangles containing covered lands (transmission and/or distribution lines) (see Figures 3 - 15 for additional detail)
- Quadrangles with potential for covered species only in distribution lines (no transmission line habitat)
- Boundary of distribution lines that have potential for covered species

Map Document: (R:\9\90601-90699\90621_00NationalGridKarnerBlue\GIS\maps\maps2011\90621_00_QuadsContainingCoveredLands_8x11.mxd)

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ENGINEERS/SURVEYORS
PLANNERS
ENVIRONMENTAL SCIENTISTS
LANDSCAPE ARCHITECTS

THE Chazen COMPANIES
03/27/2011
1:460,000
90621.00
2
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.
Detailed mitigation and enhancement measures for this area are shown on Figure 17.
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines: Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations
Covered Lands A (lupine populations) is included within this area

Covered Lands - Distribution Lines:
Potential for covered species

- National Grid Electric Line Right Of Way
- National Grid Gas Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component
This figure illustrates ROWs at 800 feet wide. The HCP Appendices B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines: Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations. Covered Lands A (lupine populations) is included within this area

- National Grid Electric Line Right Of Way
- National Grid Gas Line Right Of Way
- NWI Wetlands
- NYSDEC Wetlands
- Mapped Soils With Sandy Component

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Covered Lands: ROW with covered species
ROWs managed with AMMs
ROWs for survey
Potential for covered species
Covered Lands - Distribution Lines:
Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations.
Covered Lands A (lupine populations) is included within this area

National Grid Electric Line Right Of Way
National Grid Gas Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component

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Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines: Potential for covered species

- National Grid Gas Line Right Of Way
- National Grid Electric Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component

Covered Lands A (lupine populations) is included within this area. 200 meter buffer area around blue lupine populations.
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines:
Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations. Covered Lands A (lupine populations) is included within this area

- National Grid Electric Line Right Of Way
- National Grid Gas Line Right Of Way
- NWI Wetlands
- Mapped Soils With Sandy Component
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

- **Covered Lands**: ROW with covered species

- **ROWs managed with AMMs**

- **Potential for covered species**

- **Covered Lands**: ROW for survey

- **Covered Lands - Distribution Lines**: Potential for covered species

- **Covered Lands A (lupine populations)** is included within this area

- **200 meter buffer area around blue lupine populations.**

- **ROWs managed with AMMs**

- **Potential for covered species**

- **Covered Lands B (shown approximately)**: 200 meter buffer area around blue lupine populations. Covered Lands A (lupine populations) is included within this area

- **National Grid Electric Line Right Of Way**

- **National Grid Gas Line Right Of Way**

- **NWI Wetlands**

- **NYSDEC Wetlands**

- **Mapped Soils With Sandy Component**

**Habitat Conservation Plan - National Grid**

**Covered Lands**

Schenectady USGS 7.5' Quadrangle (R47)

Schenectady County, New York
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands - ROW with covered species
Covered Lands - ROW managed with AMMs
Covered Lands - ROW for survey
Potential for covered species
Covered Lands - Distribution Lines:
Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations.
Covered Lands A (lupine populations) is included within this area.

Covered Lands - Distribution Lines:
Potential for covered species

Row: National Grid Electric Line Right Of Way
Row: National Grid Gas Line Right Of Way
Row: NWI Wetlands
Row: Mapped Soils With Sandy Component
Row: NYSDEC Wetlands
Row: Covered Lands: ROW with covered species
Row: Covered Lands: ROW managed with AMMs
Row: Covered Lands: ROW for survey
Row: Potential for covered species
Row: Covered Lands - Distribution Lines:
Potential for covered species

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This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Limes: Potential for covered species

Covered Lands B (shown approximately): 200 meter buffer area around blue lupine populations.
Covered Lands A (lupine populations) is included within this area

National Grid Electric Line Right Of Way
National Grid Gas Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component
Detailed mitigation measures for this area are shown on Figure 16.

This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines:
Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations.
Covered Lands A (lupine populations) is included within this area

National Grid Electric Line Right Of Way
National Grid Gas Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component

Covered Lands E (see fig. 16)
This figure illustrates ROWs at 800 feet wide. The HCP Appendix B, Tables 1 & 2, indicate actual ROW widths, which are 50 - 172 feet.

Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines:
Potential for covered species

Covered Lands B (shown approximately):
200 meter buffer area around blue lupine populations.
Covered Lands A (lupine populations) is included within this area

National Grid Electric Line Right Of Way
National Grid Gas Line Right Of Way
NWI Wetlands
NYSDEC Wetlands
Mapped Soils With Sandy Component

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Covered Lands: ROW with covered species
ROWs managed with AMMs
Covered Lands: ROW for survey
Potential for covered species
Covered Lands - Distribution Lines: Potential for covered species

Covered Lands B (shown approximately): 200 meter buffer area around blue lupine populations. Covered lands A (lupine populations) is included within this area.

- National Grid Electric Line Right Of Way
- National Grid Gas Line Right Of Way
- NWI Wetlands
- NYSDEC Wetlands
- Mapped Soils With Sandy Component

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Habitat Conservation Plan - National Grid
Covered Lands
Delmar USGS 7.5' Quadrangle (T48)
Albany and Rensselaer Counties, New York

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Habitat Conservation Plan - National Grid
Covered Lands
Delmar USGS 7.5' Quadrangle (T48)
Albany and Rensselaer Counties, New York

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Habitat Conservation Plan - National Grid
Covered Lands
Delmar USGS 7.5' Quadrangle (T48)
Albany and Rensselaer Counties, New York

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National Grid Habitat Conservation Plan

APBPC Habitat Management Area

Rotterdam-Woodland 35 and Woodlawn-State Campus 12 115kV ROWs

North of Kings Road
City of Albany, Towns of Colonie and Guilderland
Albany County, New York

Legend:
- ROW Segments to be Managed
- Albany Pine Bush Preserve Lands
Town of Queensbury
Warren County, New York

National Grid Habitat Conservation Plan

Summary of Mitigation and Enhancement Measures

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Capital District Office:
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Glens Falls Office:
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Phone: (518) 812-0513

Legend:

Selected ROW Segments

Covered Lands F
Restriction of Illegal Trespass / Public Education and Outreach
Spier Falls - Queensbury #5
Spier - Queensbury #5 - Ogden Brook Sub Taps
Queensbury - Henry St. #14
See Figure 20

Covered Lands D1 - Enhancement
Enhanced ROW Vegetation Management Area
Spier - Queensbury #17 / #5 ROW
See Figure 18

Covered Lands D2 - Enhancement
Specialized Site and Habitat Restoration Management
Spier - Queensbury #17 / #5 ROW
Spier - Queensbury #5 - Ogden Brook Substation Tap

2 Acre KBB Translocation Site - Enhancement
National Grid Funding Only
Identified here for Information Purposes Only

Covered Lands C - Mitigation
Off-ROW Preserve Area
Spier Falls - Queensbury #5 - Ogden Brook Sub Tap and
Queensbury - Henry St. #14 ROW
See Figure 19

Legend:

Engineers/Surveyors
Planners
Environmental Scientists
Landscape Architects

Title: Covered Lands F
Description: Restriction of Illegal Trespass / Public Education and Outreach
Location: Spier Falls - Queensbury #5
Spier - Queensbury #5 - Ogden Brook Sub Taps
Queensbury - Henry St. #14
See Figure 20

Title: Covered Lands D1 - Enhancement
Description: Enhanced ROW Vegetation Management Area
Location: Spier - Queensbury #17 / #5 ROW
See Figure 18

Title: Covered Lands D2 - Enhancement
Description: Specialized Site and Habitat Restoration Management
Location: Spier - Queensbury #17 / #5 ROW
Spier - Queensbury #5 - Ogden Brook Substation Tap

Title: 2 Acre KBB Translocation Site - Enhancement
Description: National Grid Funding Only
Location: Identified here for Information Purposes Only

Title: Covered Lands C - Mitigation
Description: Off-ROW Preserve Area
Location: Spier Falls - Queensbury #5 - Ogden Brook Sub Tap and
Queensbury - Henry St. #14 ROW
See Figure 19

Date: 04/02/2011
Scale: 1:20,000
Project: 90621.00
Figure: 17
National Grid Habitat Conservation Plan
Covered Lands D1
Enhanced ROW Vegetation Management Area
Spier-Queensbury #17 / #5 ROW
Upper Sherman Avenue and Morningside Circle
Town of Queensbury
Warren County, New York

Legend:

ROW Segment Selected for Inclusion