Edwin B. Forsythe
National Wildlife Refuge
Pole Removal Project

Environmental Assessment

U. S. Fish and Wildlife Service
01/08/2016
Figure 1.1
Street Map
Manahawkin Project Area
Pole Removal Project
Stafford Township, New Jersey
PROJECT AREA

PROJECT AREA

LEGEND

PROJECT AREA

0 500 1,000 Feet

Figure 1.2
Street Map
Good Luck Point Project Area
Pole Removal Project
Berkeley Township, New Jersey

Image Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, ©OpenStreetMap contributors, and the GIS User Community, 2015

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Figure 1.3
Watershed Management Area Map
Manahawkin Project Area
Pole Removal Project
Stafford Township, New Jersey

PROJECT AREA

LEGEND

Watershed Management Area

PROJECT AREA

Barnegat Bay

Data Source: NJDEP Watershed Management Areas in New Jersey (Version 200901); New Jersey Department of Environmental Protection (NJDEP), Division of Watershed Management (DWM), 2009.

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Figure 1.4
Watershed Management Area Map
Good Luck Point Project Area
Pole Removal Project
Berkeley Township, New Jersey

LEGEND
- PROJECT AREA
- Watershed Management Area
- Barnegat Bay

Image Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community
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Data Source: NJDEP Watershed Management Areas in New Jersey (Version 200901); New Jersey Department of Environmental Protection (NJDEP), Division of Watershed Management (DWM), 2009.

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APPENDIX A

PHOTOGRAPHS
PHOTOGRAPHIC LOG

Edwin B. Forsythe National Wildlife Refuge
Pole Removal Project
Manahawkin Project Area, Stafford Township and
Good Luck Point Project Area, Berkeley Township
Ocean County, New Jersey

Amec Foster Wheeler Environment &
Infrastructure, Inc.
285 Davidson Avenue, Suite 405
Somerset, NJ 08873

Photo 1

Manahawkin Site:
General view of the site.

Photo 2

Manahawkin Site:
Additional general view of the site.
Photo 3

**Manahawkin Site:**
Beach Avenue entrance to the site, facing west. The former AT&T buildings are behind the camera.

Photo 4

**Manahawkin Site:**
General view of the paved portion of the site.
PHOTOGRAPHIC LOG

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Photo 5
Manahawkin Site:
Example of one of the access roads into the site.

Photo 6
Manahawkin Site:
Example of another access road (although discontinuous) into the site.
PHOTOGRAPHIC LOG
Edwin B. Forsythe National Wildlife Refuge
Pole Removal Project
Manahawkin Project Area, Stafford Township and
Good Luck Point Project Area, Berkeley Township
Ocean County, New Jersey

Photo 7

Manahawkin Site:
Close-up of wooden pole at ground level.

Photo 8

Manahawkin Site:
Anchors used for the guy wires.
Photo 9

Manahawkin Site: Anchors and guy wires in relation to tidal marsh ditch.

Photo 10

Manahawkin Site: Example of one of the relatively wide tidal ditches.
PHOTOGRAPHIC LOG

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Ocean County, New Jersey

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PHOTO 11
Manahawkin Site:
Zoomed-out view of rhombic antenna.

PHOTO 12
Manahawkin Site:
Concrete footer for rhombic antenna.
PHOTOGRAPHIC LOG
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Pole Removal Project
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Photo 13
Manahawkin Site:
Additional view of rhombic antenna.

Photo 14
Manahawkin Site:
Additional view of concrete footer for rhombic antenna.
Photo 15

Manahawkin Site: Example of other structures to be removed.

Photo 16

Manahawkin Site: Example of downed wooden pole.

PHOTOGRAPHIC LOG

Edwin B. Forsythe National Wildlife Refuge Pole Removal Project
Manahawkin Project Area, Stafford Township and Good Luck Point Project Area, Berkeley Township Ocean County, New Jersey

Amec Foster Wheeler Environment & Infrastructure, Inc. 285 Davidson Avenue, Suite 405 Somerset, NJ 08873
PHOTOGRAPHIC LOG
Edwin B. Forsythe National Wildlife Refuge
Pole Removal Project
Manahawkin Project Area, Stafford Township and
Good Luck Point Project Area, Berkeley Township
Ocean County, New Jersey

Photo 17
Good Luck Point Site:
General view of the Former AT&T facility building.

Photo 18
Good Luck Point Site:
General view of the site.
Photo 19
Good Luck Point Site: Additional general view of the site.

Photo 20
Good Luck Point Site: Downed metal antenna on the southwest side of Bayview Avenue (across the street from the building).
Photo 21

Good Luck Point Site:
Zoomed-in view of the base of a wooden pole.

Photo 22

Good Luck Point Site:
Access road into the site.
Photo 23

**Good Luck Point Site:** Example of poles located across wide tidal creeks.

Photo 24

**Good Luck Point Site:** Additional view of poles located across wide tidal creeks.
Photo 25

Good Luck Point Site:
Example of other structures to be removed from the site.

Photo 26

Good Luck Point Site:
Structures adjacent to building, viewed from Bayview Avenue facing northeast.