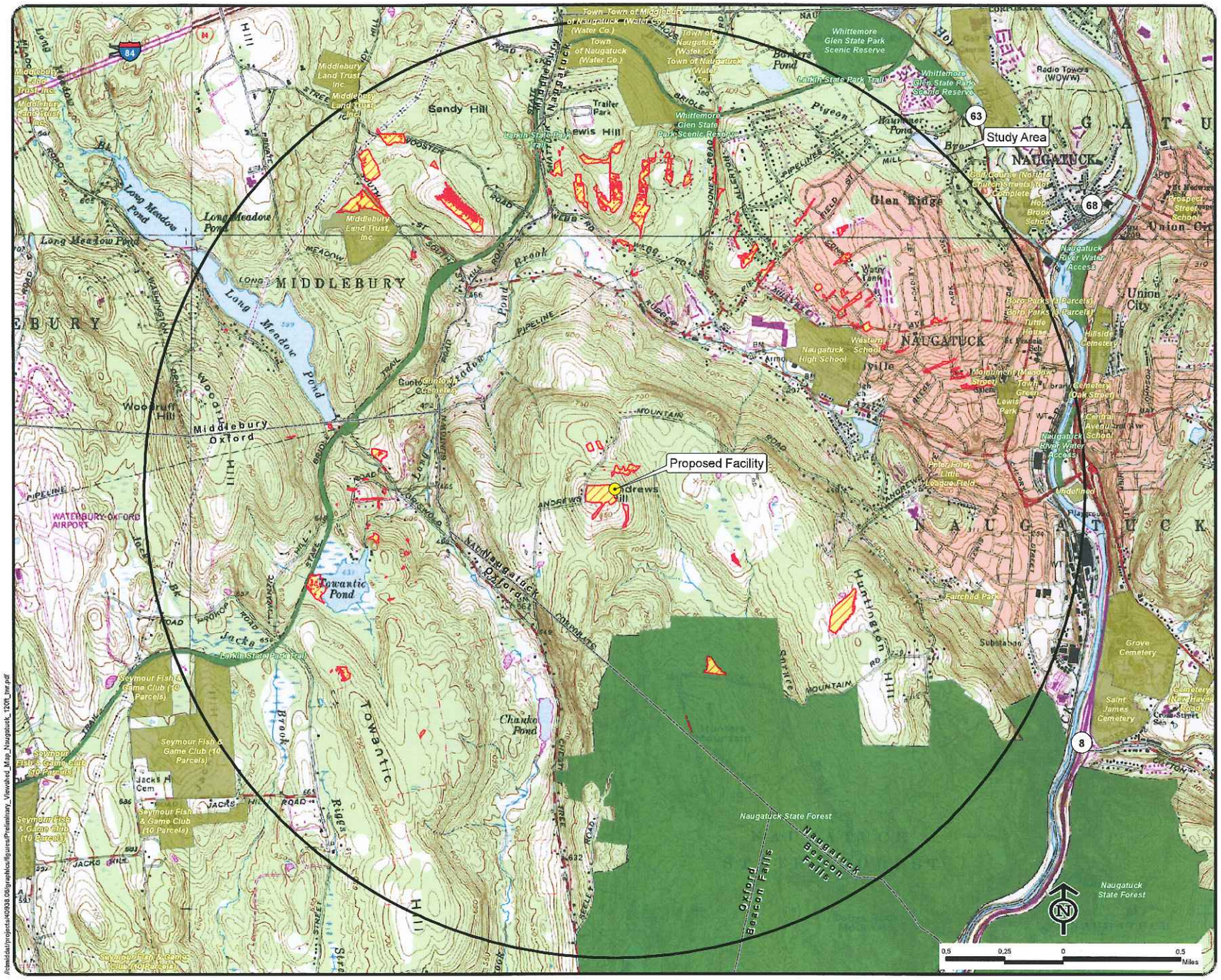


Preliminary Viewshed Analysis
North Atlantic Towers LLC
Telecommunications Facility
Naugatuck - CT1126
880 Andrew Mountain Road
Naugatuck, Connecticut

NOTE:
- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Existing monopole height is 100 feet; Proposed Facility height is 120 feet.
- Existing tree canopy height estimated at 50 feet.
- Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.
- Results not field verified by balloon float.

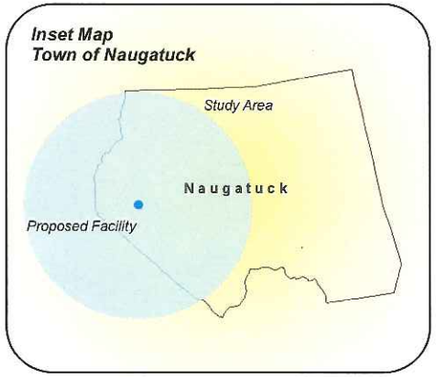
DATA SOURCES:
- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2008 digital orthophotos with 1-meter pixel resolution; digitized by VHB, 2010
- Base map comprised of Waterbury, Southbury, Woodbury and Naugatuck (1984) USGS Quadrangle Maps
- Municipal and Private Open Space data layer provided by CT DEP, 1997
- Federal Open Space data layer provided by CT DEP, 2004
- CT DEP Property data layer provided by CT DEP, April 2010
- CT DEP boat launches data layer provided by CT DEP, Dec 2009
- Scenic Roads layer derived from available State and Local listings

Map Compiled October, 2010

Legend

- Existing/Proposed Tower Location
- Year-Round Visibility At 100 Feet AGL (Approximately 69 acres)
- Year-Round Visibility At 120 Feet AGL (Approximately 81 acres)
- Protected Municipal and Private Open Space (CT DEP, 1997)
  - Cemetery
  - Preservation
  - Conservation
  - Existing Preserved Open Space
  - Recreation
  - General Recreation
  - School
  - Uncategorized
- CT DEP Property (CT DEP, May 2010)
  - State Forest
  - State Park
  - DEP Owned Waterbody
  - State Park Scenic Reserve
  - Historic Preserve
  - Natural Area Preserve
  - Fish Hatchery
  - Flood Control
  - Other
  - State Park Trail
  - Water Access
  - Wildlife Area
  - Wildlife Sanctuary
- Federal Open Space (CT DEP, 2004)
- Boat Launches (CT DEP, Dec 2009)
- Scenic Road (State and Local)
- Town Line

Inset Map
Town of Naugatuck



VHB

NORTH ATLANTIC TOWERS