

**Viewshed Analysis
Proposed T-Mobile Wireless
Telecommunications Facility
CTNL804B
387 Shore Road
Old Lyme, Connecticut**

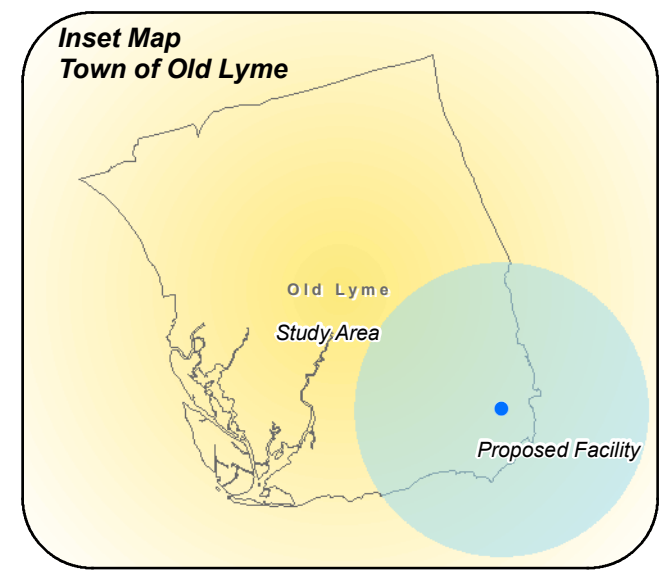
NOTE:
 - Viewshed analysis conducted using ESRI's Spatial Analyst.
 - Proposed Facility height is 80 feet.
 - Existing tree canopy height estimated at 60 feet.
 - Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

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 2006 digital orthophotos with 1-foot pixel resolution; digitized by VHB, 2009
 - Base map comprised of Old Lyme (1970) and Niantic (1983) USGS Quadrangle Maps
 - Protected municipal and private open space properties and federal protected properties and data layers provided by CT DEP, 1997
 - Protected CT DEP properties data layer provided by CTDEP, May 2007
 - CT DEP boat launches data layer provided by CT DEP, 1994
 - Scenic Roads layer derived from available State and Local listings.

Map Compiled July, 2009

Legend

- Tower Location
- Balloon is not visible
- Balloon visible through trees
- Balloon visible above trees
- Year-Round Visibility (Approximately 679 acres)
- Seasonal Visibility (Approximately 31 acres)
- Protected Municipal and Private Open Space Properties (1997)
- Existing Preserved Open Space
- Recreation
- General Recreation
- School
- Uncategorized
- CT DEP Protected Properties (2007)
- 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
- Cemetery
- Preservation
- Conservation
- Recreation
- General Recreation
- School
- Uncategorized
- Federal Protected Properties (1997)
- CT DEP Boat Launches (1994)
- Scenic Road (State and Local)
- Town Line



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