

Viewshed Analysis
Proposed T-Mobile Wireless
Telecommunications Facility
CTNL801A
61-1 Buttonball Road
Old Lyme, Connecticut

NOTE:






























- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Proposed Facility height is 100 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.

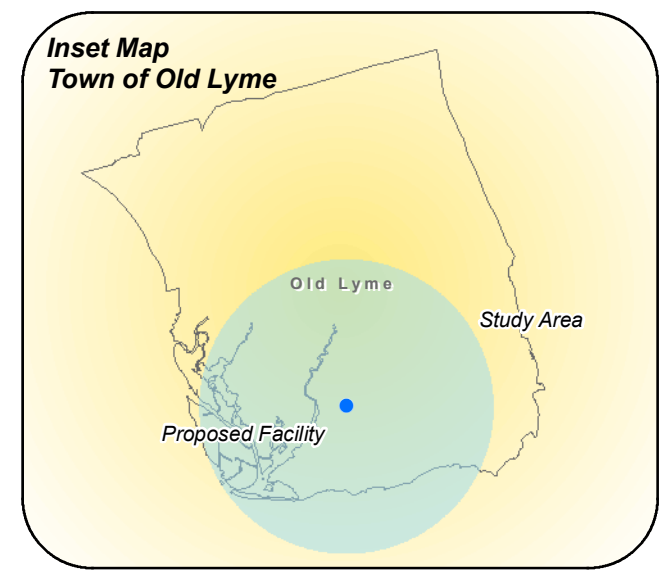
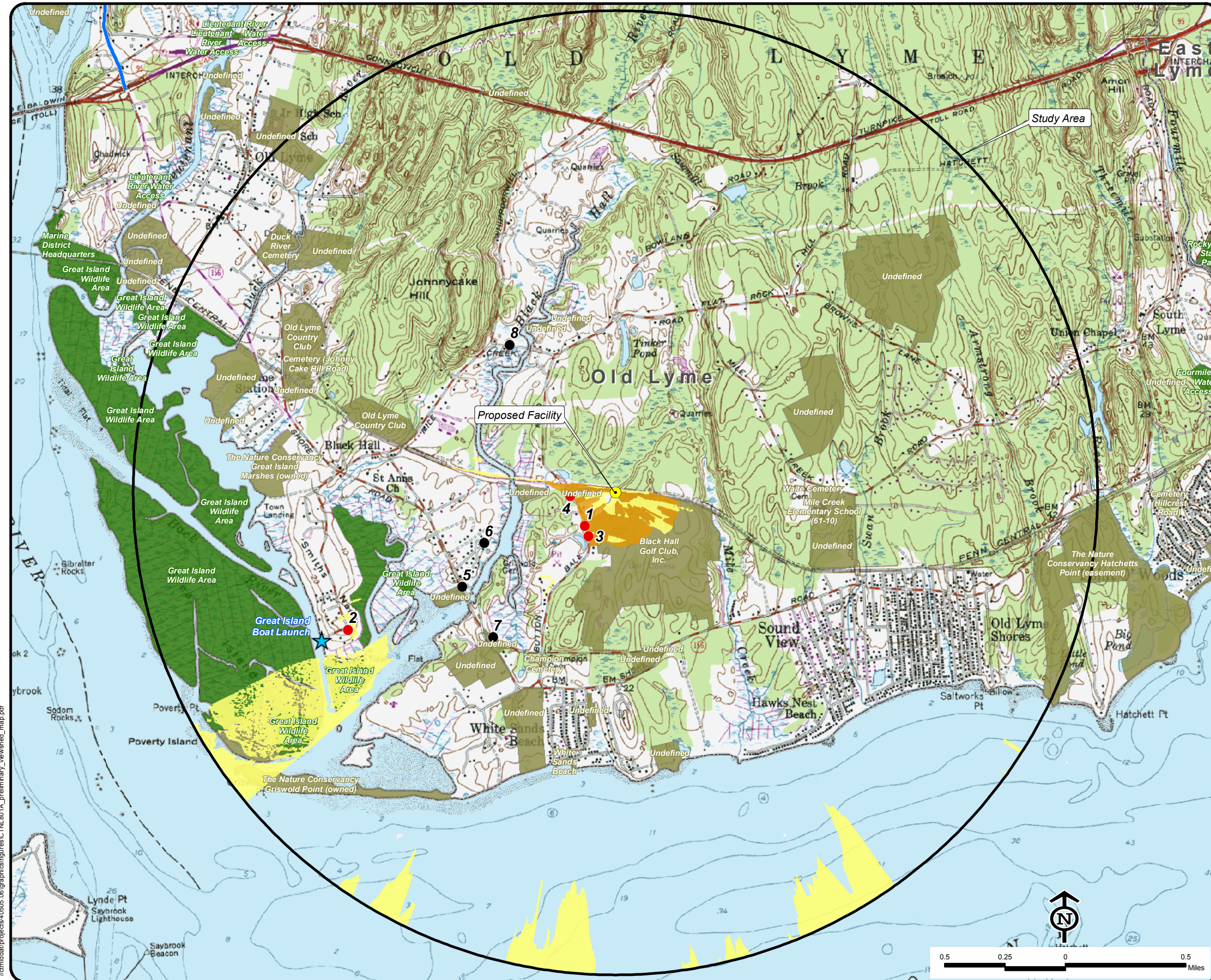
DATA SOURCES:

- 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) USGS Quadrangle Map
- 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 |  | CT DEP Protected Properties (2007) |
|  | Balloon is not visible |  | State Forest |
|  | Balloon visible above trees |  | State Park |
|  | Seasonal Visibility
(Approximately 39 acres) |  | DEP Owned Waterbody |
|  | Year-Round Visibility
(Approximately 289 acres) |  | State Park Scenic Reserve |
|  | Protected Municipal and Private Open
Space Properties (1997) |  | Historic Preserve |
|  | CT DEP Boat Launches (1994) |  | Natural Area Preserve |
|  | Scenic Road (State and Local) |  | Fish Hatchery |
|  | Town Line |  | Flood Control |
| | |  | Other |
| | |  | State Park Trail |
| | |  | Water Access |
| | |  | Wildlife Area |
| | |  | Wildlife Sanctuary |
| | |  | Federal Protected Properties (1997) |
| | |  | Existing Preserved Open Space |
| | |  | Recreation |
| | |  | General Recreation |
| | |  | School |
| | |  | Uncategorized |



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