









Viewshed Analysis Conducted At 110 Feet AGL
Proposed T-Mobile Wireless
Telecommunications Facility
CTNL803
232 Shore Road
Old Lyme, Connecticut

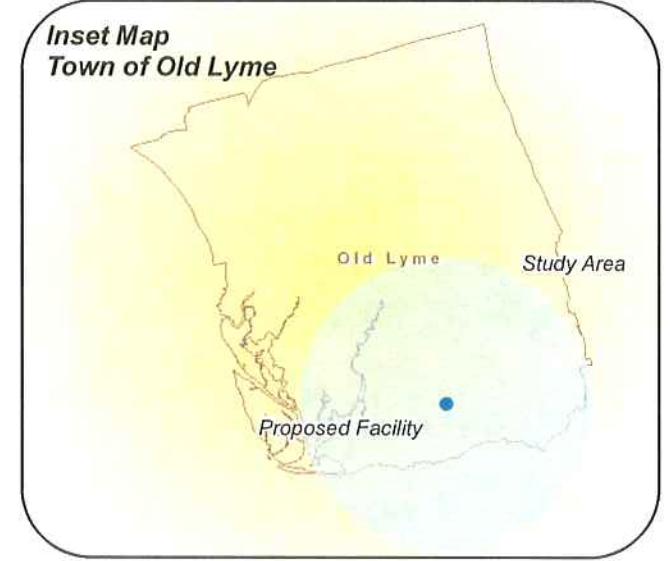
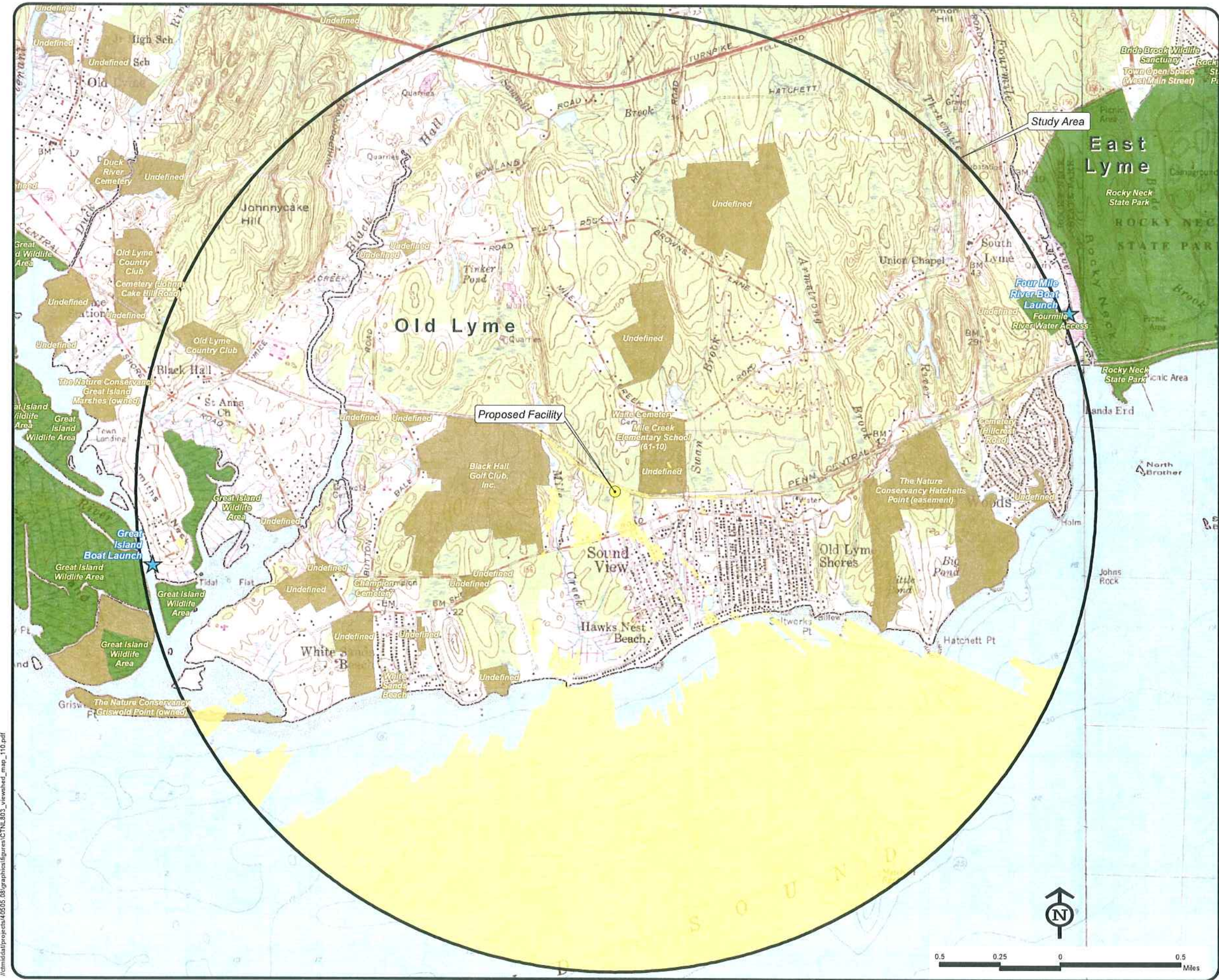
NOTE:
 - Viewshed analysis conducted using ESRI's Spatial Analyst.
 - Tower height analyzed is 110 feet AGL.
 - Existing tree canopy height estimated at 60 feet.
 - Study Area is comprised of a two-mile radius surrounding the proposed facility and includes 8,042 acres of land.

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 February, 2010

Legend

-  Tower Location
-  Year-Round Visibility At 110 Feet AGL (Approximately 1,876 acres)
-  Protected Municipal and Private Open Space Properties (1997)
 - Cemetery
 - Preservation
 - Conservation
 - 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
 - Wildlife Area
 - Wildlife Sanctuary
-  Federal Protected Properties (1997)
-  CT DEP Boat Launches (1994)
-  Scenic Road (State and Local)
-  Town Line



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Viewshed Analysis Conducted At 160 Feet AGL
Proposed T-Mobile Wireless
Telecommunications Facility
CTNL803
232 Shore Road
Old Lyme, Connecticut

NOTE:

- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Tower height analyzed is 160 feet AGL.
- 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:

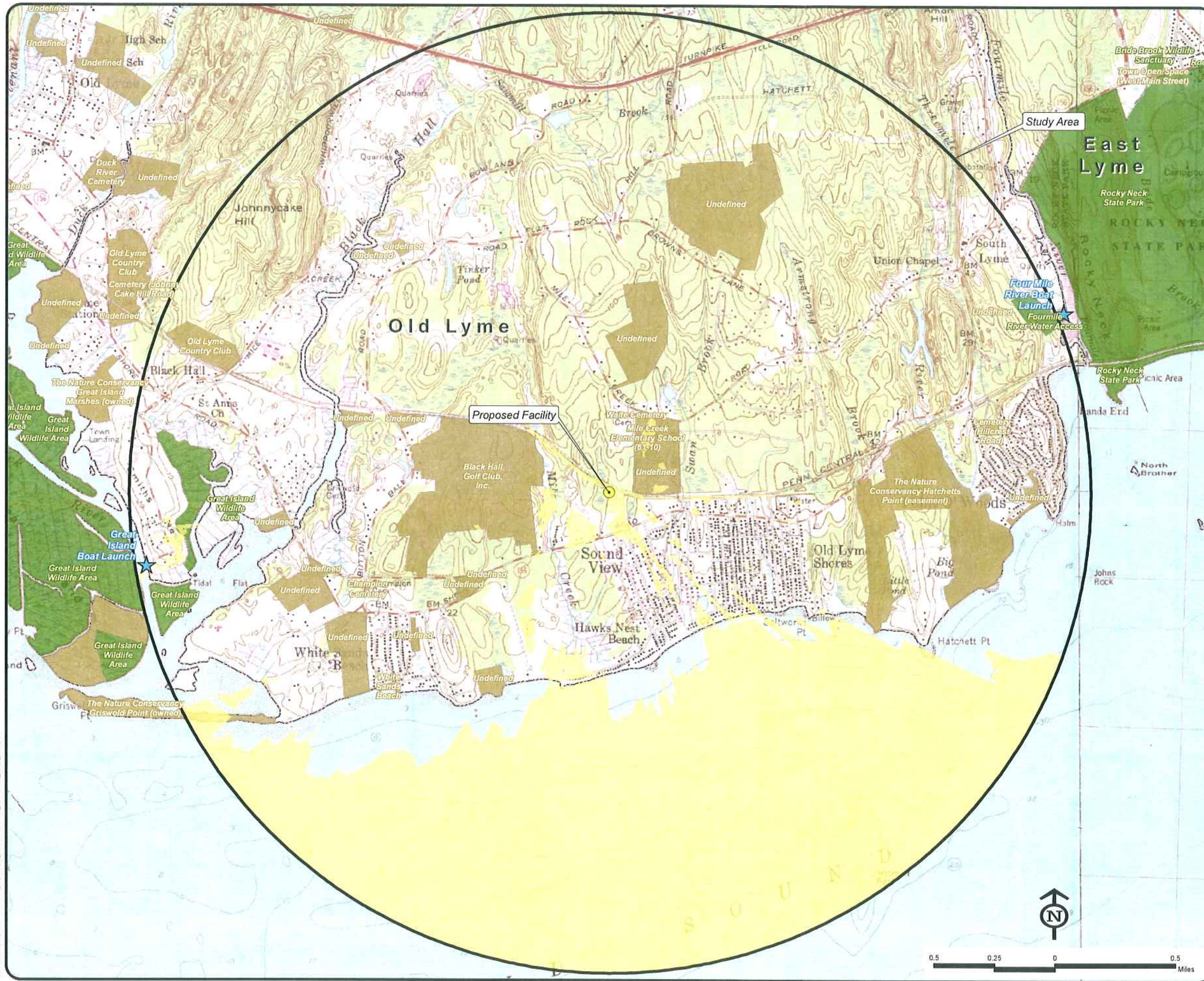
- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2006 digital orthophotos 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 February, 2010

Legend

-  Tower Location
-  Year-Round Visibility At 160 Feet AGL (Approximately 2,049 acres)
-  Protected Municipal and Private Open Space Properties (1997)
 - Cemetery
 - Preservation
 - Conservation
 - 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
 - Wildlife Area
 - Wildlife Sanctuary
-  Federal Protected Properties (1997)
-  CT DEP Boat Launches (1994)
-  Scenic Road (State and Local)
-  Town Line

Inset Map
Town of Old Lyme



/ctm/da/Projects/40505_08/graphics/figures/CTNL803_viewshed_map_160.pdf

Viewshed Analysis Conducted At 180 Feet AGL
Proposed T-Mobile Wireless
Telecommunications Facility
CTNL803
232 Shore Road
Old Lyme, Connecticut

NOTE:



- Viewshed analysis conducted using ESRI's Spatial Analyst.
- Tower height analyzed is 180 feet AGL.
- 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:

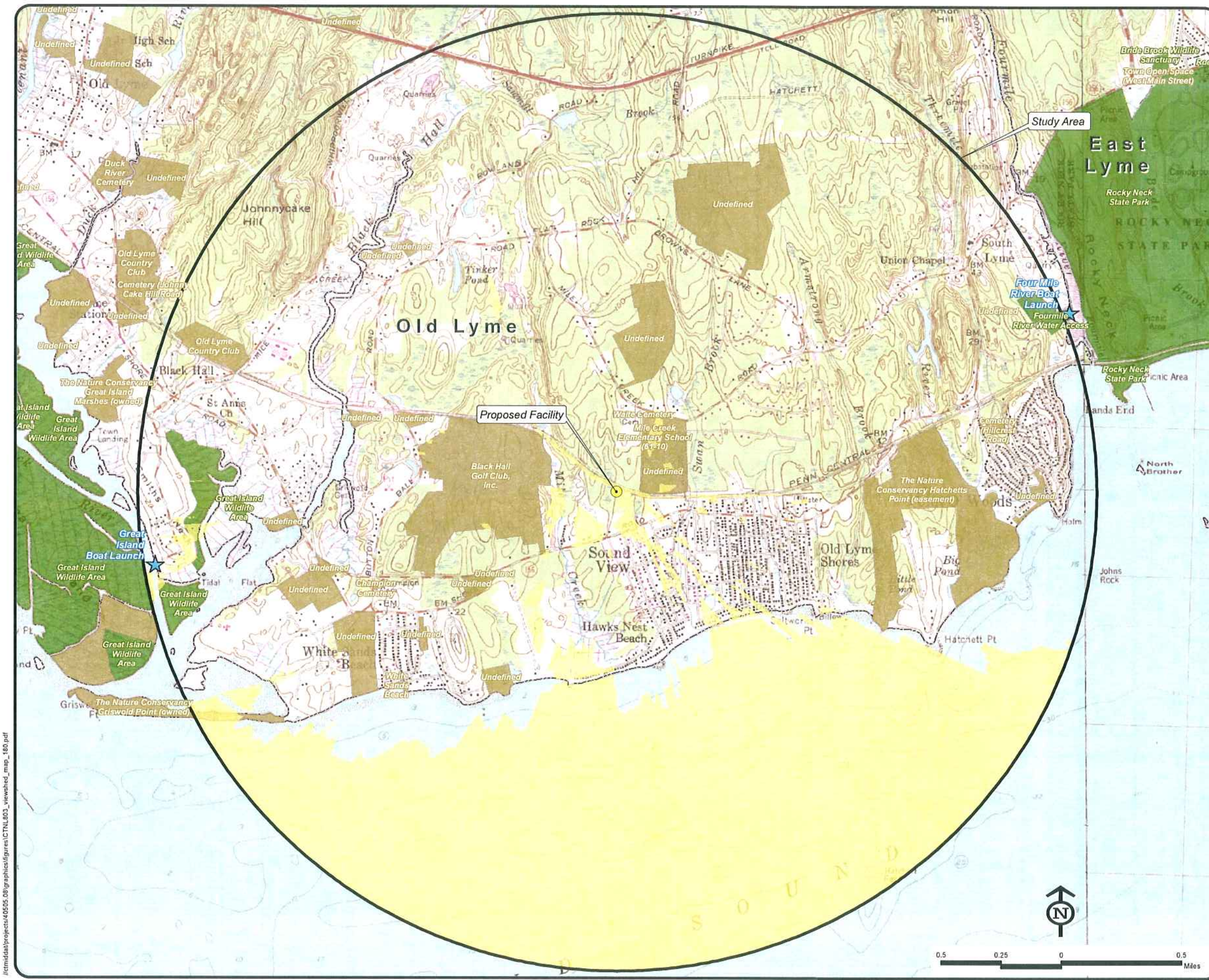
- Digital elevation model (DEM) derived from Connecticut LiDAR-based Digital Elevation Data (collected in 2000) with a 10-foot spatial resolution produced by the University of Connecticut and the Center for Land Use Education and Research (CLEAR); 2007
- Forest areas derived from 2006 digital orthophotos 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 February, 2010

Legend

- | | | | |
|---|---|---|-------------------------------------|
|  | Tower Location |  | CT DEP Protected Properties (2007) |
|  | Year-Round Visibility At 180 Feet AGL (Approximately 2,128 acres) |  | State Forest |
|  | Protected Municipal and Private Open Space Properties (1997) |  | State Park |
|  | Cemetery |  | DEP Owned Waterbody |
|  | Preservation |  | State Park Scenic Reserve |
|  | Conservation |  | Historic Preserve |
|  | Existing Preserved Open Space |  | Natural Area Preserve |
|  | Recreation |  | Fish Hatchery |
|  | General Recreation |  | Flood Control |
|  | School |  | Other |
|  | Uncategorized |  | State Park Trail |
| | |  | Water Access |
| | |  | Wildlife Area |
| | |  | Wildlife Sanctuary |
| | |  | |
| | |  | CT DEP Boat Launches (1994) |
| | |  | Scenic Road (State and Local) |
| | |  | Town Line |
| | |  | Federal Protected Properties (1997) |

Inset Map
Town of Old Lyme



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