

FAA Aeronautical Evaluation

CTNL801

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**SITE SPECIFIC EVALUATION
FOR**

Client Site Name : CTNL801
Client Site Number: CTNL801
Client Site Location: 61-1 Buttonball Rd, Old Lyme Ct.

Client/Requestor Name: Jamie Ford Date: 7/29/09
Company Name: HPC Development for T-Mobile
Address: 35 Griffin Rd
Address: Bloomfield, CT. 06002

This is an evaluation based on application of surfaces identified in Federal Aviation Regulation (FAR) Part 77 and Federal Communication Commission (FCC) Rules Part 17.

EXECUTIVE SUMMARY OF FINDINGS

- **The maximum height that can be built at this site without notice to the FAA is 200 feet AGL or 235 feet AMSL.**
- Maximum No Extended Study height at this site is 500 AGL, or 535 AMSL.
- Maximum No Hazard height at this site is 500 AGL, or 535 AMSL.
- Maximum no marking and lighting height at this site is 200 AGL, or 235 AMSL.

SITE DATA SUBMITTED FOR STUDY

Type of Structure: Antenna

Coordinates of site: Lat: 41° 17' 47.29"
Long: 72° 18' 4.39"
NAD 83

Site Ground Elevation: 35
Total Height above the ground of the entire structure (AGL): 100
Overall height of structure above mean sea level (AMSL): 135

***Note:** This report is for planning purposes only. If notification to the FAA or FCC is submitted on a site (whether it is, or is not required), a determination of no hazard or an approval letter should be received prior to any actions taken at this site.*

AIRPORT AND HELIPAD INFORMATION

Nearest public use or Government Use (DOD) facility is Chester.

This structure would be located 10.6 NM or 64588 FT from the airport on a bearing of 299 degrees true to the airport.

Nearest private use facility is Mile Creek.

This structure would be located .4 NM from the airport on a bearing of 32 degrees true to the airport. The FAA does not protect private airports. Sitesafe recommends that you coordinate this site with the owners and operators of this airport to assist in avoidance with your tower.

FINDINGS

AM Facilities:

(The FCC protects AM transmission stations from possible electro magnetic interference for a distance of 1.9 statute miles(SM) for directional facilities, and .6 statute miles(SM) for non-directional facilities. Any antenna structures within these distances will most likely require a detuning evaluation of the site) (Sitesafe offers a full range of detuning services)

For a free analysis of this site against the most current FCC data, go to our AM evaluation web site at <http://AM.sitesafe.com>. A report form can be generated, (on-line) if no conflict is found. If a conflict is found, our AM Detune department can give you review and proposal of the findings.

This site was evaluated against the FCC's AM antenna database, and is not within an AM transmission area.

FCC Notice Requirements:

(FCC Rules, Part 17)

This structure does not require notification to the FAA or FCC based on these rules.

FAA EMI:

(The FAA protects certain air navigational aids and radio transmitters from possible electro-magnetic interference. The distance and direction are dependent on the type of facility be evaluated. Most of these transmission and receiver facilities are listed in the National Flight Data Center (NFDC) database.)

This site would not affect any FAA air navigational aids or transmitters listed in the NFDC database.

Military Airspace:

This structure will not affect this airspace.

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FAA Evaluation:

FAR Part 77 paragraph 13 (FAR 77.13). Construction or Alteration requiring notice:
(These are the imaginary surfaces that the FAA has implemented to provide general criteria for notification purposes only.)

This structure does not require notification to the FAA.

FAR Part 77 paragraph 23 (FAR 77.23). Standards for Determining Obstructions:
(These are the imaginary surfaces that the FAA has implemented to protect aircraft safety. If any of these surfaces are penetrated, the structure may pose a Hazard to Air Navigation.)

This structure does not exceed these surfaces.

MARKING AND LIGHTING

FAA Advisory Circular 70/7460-1

Marking and lighting is not required for this structure.

RECOMMENDATIONS OR ACTIONS

Sitesafe does not consider this site to be a Hazard to Air Navigation as specified in FAR part 77.

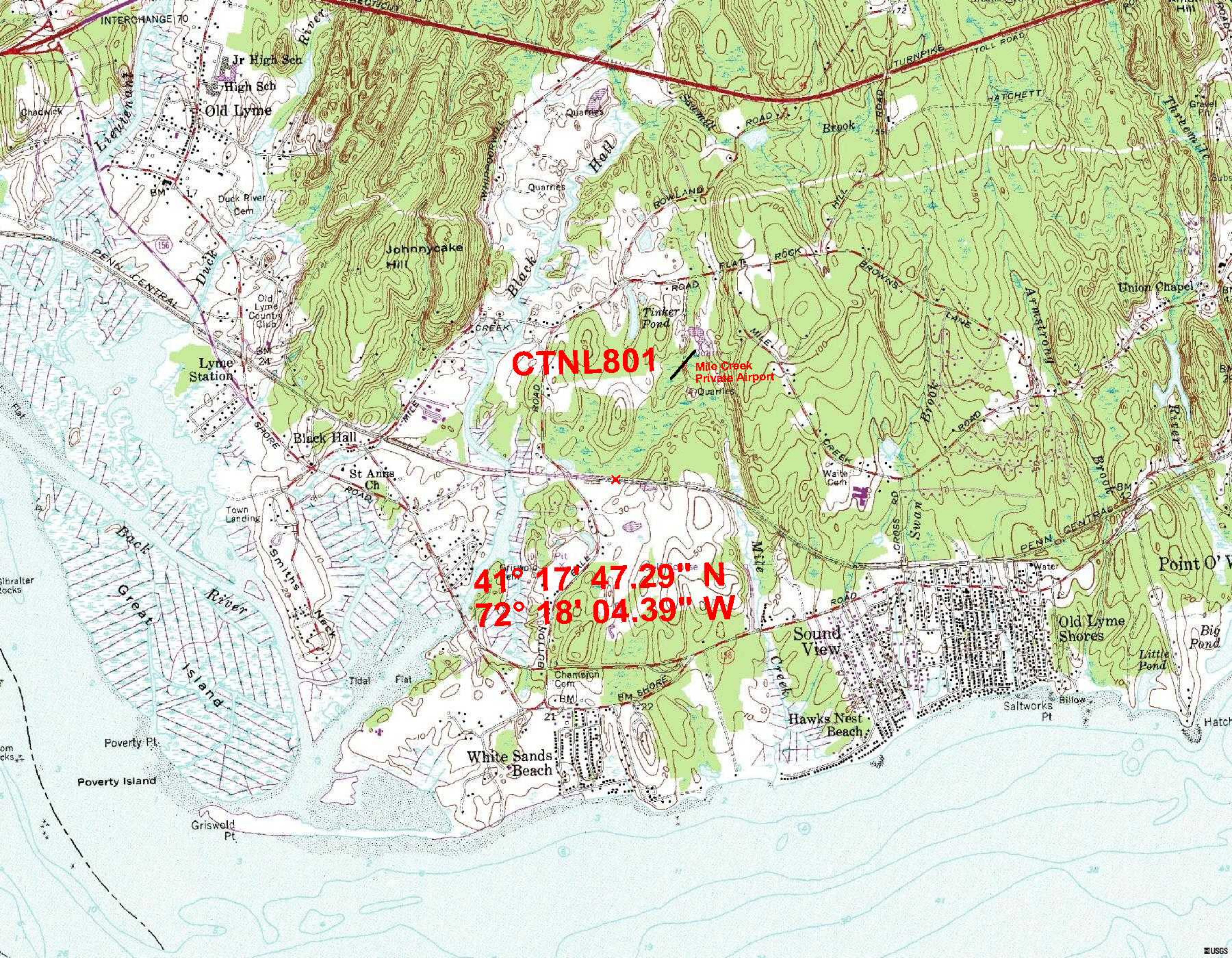
The FAA does not protect private use airports or helipads. Sitesafe recommends that you coordinate with the owners and operators of the Mile Creek private use airport, to assist in avoidance. Your site should not pose any concern due to the amount and height of trees between your proposed site and the airport.

Ownership: Privately-owned

Owner: TODD J. MACHNIK
126 MILE CREEK ROAD
OLD LYME, CT 06371
Phone 203-434-1330

Manager: TODD J. MACHNIK
126 MILE CREEK ROAD
OLD LYME, CT 06371
Phone 203-434-1330

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41° 17' 47.29" N
72° 18' 04.39" W

Mile Creek Private Airport

Johnnycake Hill

Lyme Station

Old Lyme

Sound View

Hawks Nest Beach

White Sands Beach

Old Lyme Shores

Point O' View

Union Chapel

Jr High Sch

High Sch

Old Lyme

Duck River Cem

Old Lyme County Club

Black Hall

St Anne Ch

Town Landing

Smiths Neck

Poverty Pt

Poverty Island

Griswold Pt

Saltworks Pt

Billow