Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2019-AGL-1242-OE
Prior Study No.
2001-AGL-8341-OE

Issued Date: 04/12/2019

Kelli Bialkowski
Village of DeForest
120 S Stevenson Street
DeForest, WI 53532

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Water Tank Token Creek Water Tower
Location:	DeForest, WI
Latitude:	43-10-15.33N NAD 83
Longitude:	89-19-25.40W
Heights:	950 feet site elevation (SE)
	132 feet above ground level (AGL)
	1082 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does exceed obstruction standards but would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

The proposal to change the current marking/lighting system is acceptable. Marking/lighting should be accomplished in accordance with FAA Advisory circular 70/7460-1 L Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

So that aeronautical charts and records can be updated, it is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed when the new system is installed and operational.

If the structure is subject to the authority of the Federal Communications Commission, a copy of this letter will be forwarded to them and application should be made for permission to change the marking/lighting as requested.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

See attachment for additional condition(s) or information.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best

Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

This aeronautical study included evaluation of a structure that exists at this time. Action will be taken to ensure aeronautical charts are updated to reflect the most current coordinates, elevation and height as indicated in the case description.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (847) 294-7575, or vivian.vilaro@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-AGL-1242-OE.

Signature Control No: 395783682-402564399 (EBO)
Vivian Vilaro
Specialist

Attachment(s)
Additional Information
Frequency Data
Map(s)

cc: FCC

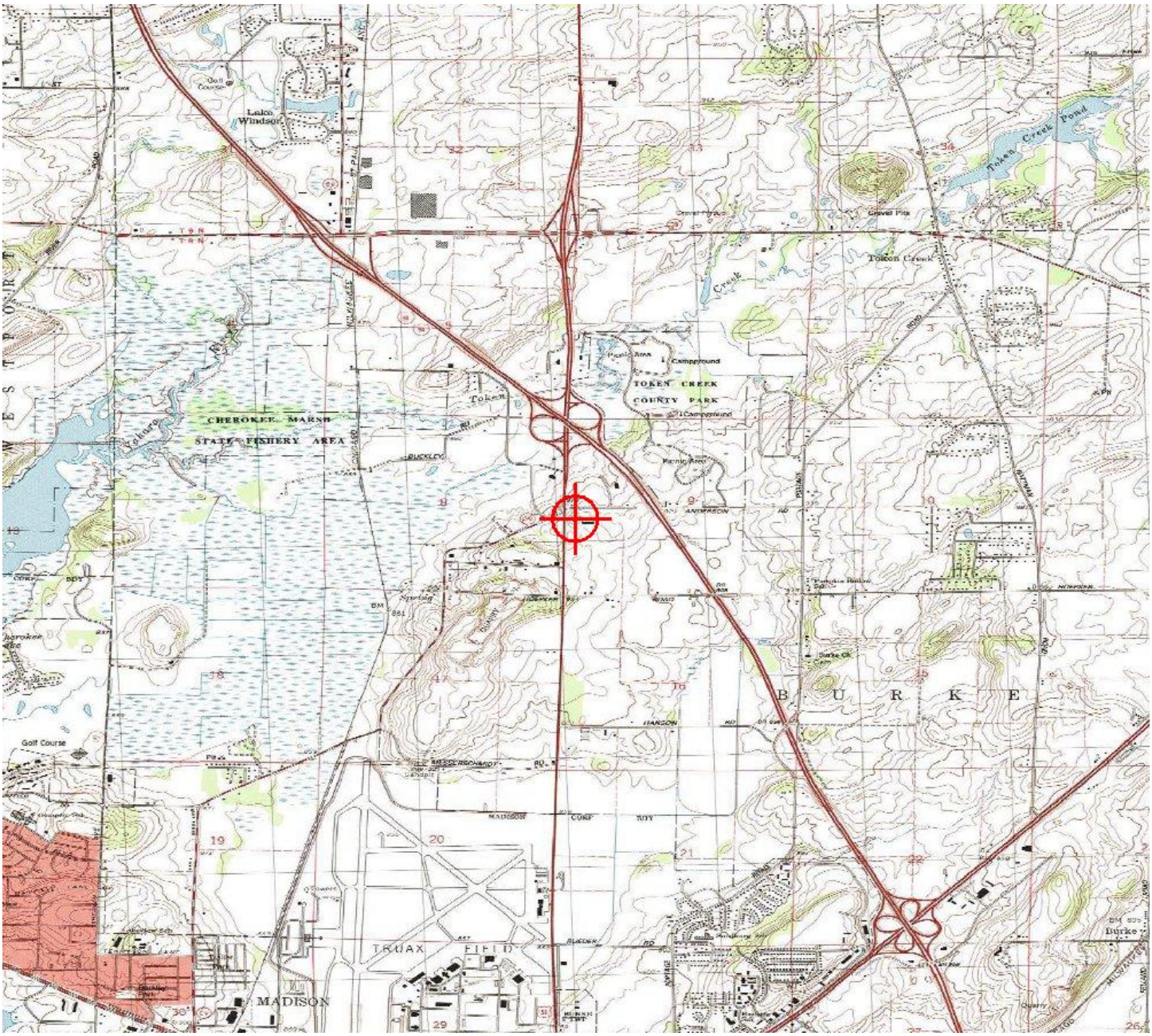
Additional information for ASN 2019-AGL-1242-OE

This study was conducted to update the frequencies and the current sponsor's information. Also, the marking and lighting will be changed from red lights only to a Medium Dual System.

Frequency Data for ASN 2019-AGL-1242-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
728	734	MHz	120	W
746	757	MHz	360	W
776	787	MHz	360	W
869	880	MHz	120	W
890	891.5	MHz	120	W
1970	1990	MHz	240	W
2110	2120	MHz	240	W
2110	2155	MHz	180	W
2110	2200	MHz	180	W
2120	2130	MHz	240	W
2145	2155	MHz	180	W

TOPO Map for ASN 2019-AGL-1242-OE



Sectional Map for ASN 2019-AGL-1242-OE