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March 14, 2019

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MAR 18 2019

PUBLIC SERVICE  
COMMISSION

Gwen Pinson  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, KY 40601

RE: FAA Determination of No Hazard to Air Navigation  
PSC Case No.: 2019-00039  
Site Name: Smith Hollow

Dear Director Pinson:

The enclosed filing is provided as a supplement to the application that is the subject of the above-referenced case. Please include this correspondence and attachments in the administrative case file for this matter.

Sincerely,

A handwritten signature in blue ink that reads 'David A. Pike'.

David A. Pike  
Pike Legal Group, PLLC  
Attorney for Applicant

Enclosures  
cc: Brittany H. Koenig



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

Aeronautical Study No.  
 2018-ASO-28018-OE

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 COMMISSION

Issued Date: 03/04/2019

Robert P Walters (LA)  
 AT&T  
 208 S Akard  
 Room 1016  
 Dallas, TX 75202

**\*\* 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: Antenna Tower Smith Hollow - 13800691  
 Location: Williamsburg, KY  
 Latitude: 36-40-22.81N NAD 83  
 Longitude: 84-16-33.88W  
 Heights: 1425 feet site elevation (SE)  
 270 feet above ground level (AGL)  
 1695 feet above mean sea level (AMSL)

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

As a condition to this Determination, the structure is to be marked/lighted 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.

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.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 09/04/2020 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.

- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

**NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.**

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.

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 (718) 553-2611, or [angelique.eersteling@faa.gov](mailto:angelique.eersteling@faa.gov). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2018-ASO-28018-OE.

**Signature Control No: 392990787-398664468**  
Angelique Eersteling  
Technician

( DNE )

Attachment(s)  
Frequency Data  
Map(s)

cc: FCC

**Frequency Data for ASN 2018-ASO-28018-OE**

| <b>LOW<br/>FREQUENCY</b> | <b>HIGH<br/>FREQUENCY</b> | <b>FREQUENCY<br/>UNIT</b> | <b>ERP</b> | <b>ERP<br/>UNIT</b> |
|--------------------------|---------------------------|---------------------------|------------|---------------------|
| 6                        | 7                         | GHz                       | 55         | dBW                 |
| 6                        | 7                         | GHz                       | 42         | dBW                 |
| 10                       | 11.7                      | GHz                       | 55         | dBW                 |
| 10                       | 11.7                      | GHz                       | 42         | dBW                 |
| 17.7                     | 19.7                      | GHz                       | 55         | dBW                 |
| 17.7                     | 19.7                      | GHz                       | 42         | dBW                 |
| 21.2                     | 23.6                      | GHz                       | 55         | dBW                 |
| 21.2                     | 23.6                      | GHz                       | 42         | dBW                 |
| 614                      | 698                       | MHz                       | 1000       | W                   |
| 614                      | 698                       | MHz                       | 2000       | W                   |
| 698                      | 806                       | MHz                       | 1000       | W                   |
| 806                      | 901                       | MHz                       | 500        | W                   |
| 806                      | 824                       | MHz                       | 500        | W                   |
| 824                      | 849                       | MHz                       | 500        | W                   |
| 851                      | 866                       | MHz                       | 500        | W                   |
| 869                      | 894                       | MHz                       | 500        | W                   |
| 896                      | 901                       | MHz                       | 500        | W                   |
| 901                      | 902                       | MHz                       | 7          | W                   |
| 929                      | 932                       | MHz                       | 3500       | W                   |
| 930                      | 931                       | MHz                       | 3500       | W                   |
| 931                      | 932                       | MHz                       | 3500       | W                   |
| 932                      | 932.5                     | MHz                       | 17         | dBW                 |
| 935                      | 940                       | MHz                       | 1000       | W                   |
| 940                      | 941                       | MHz                       | 3500       | W                   |
| 1670                     | 1675                      | MHz                       | 500        | W                   |
| 1710                     | 1755                      | MHz                       | 500        | W                   |
| 1850                     | 1910                      | MHz                       | 1640       | W                   |
| 1850                     | 1990                      | MHz                       | 1640       | W                   |
| 1930                     | 1990                      | MHz                       | 1640       | W                   |
| 1990                     | 2025                      | MHz                       | 500        | W                   |
| 2110                     | 2200                      | MHz                       | 500        | W                   |
| 2305                     | 2360                      | MHz                       | 2000       | W                   |
| 2305                     | 2310                      | MHz                       | 2000       | W                   |
| 2345                     | 2360                      | MHz                       | 2000       | W                   |
| 2496                     | 2690                      | MHz                       | 500        | W                   |

