

## Appendix G: Stack Height Determinations

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- Determination of No Hazard to Air Navigation – Stack #1 – Dated September 28, 2015
- Ohio Department of Transportation Aviation - Construction/Alteration permit – Stack #1 – Dated October 6, 2015
- Determination of No Hazard to Air Navigation – Stack #2 – Dated September 28, 2015
- Ohio Department of Transportation Aviation - Construction/Alteration permit – Stack #2 – Dated October 6, 2015



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

Aeronautical Study No.  
2015-AGL-13196-OE

Issued Date: 09/28/2015

Zachary Gordon  
South Field Energy LLC  
31 Milk Street  
Boston, MA 02109

**\*\* 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:	Stack #1
Location:	Wellsville, OH
Latitude:	40-38-07.64N NAD 83
Longitude:	80-40-45.46W
Heights:	1151 feet site elevation (SE) 180 feet above ground level (AGL) 1331 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:

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)  
\_\_X\_\_ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 03/28/2017 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 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 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.

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.

If we can be of further assistance, please contact our office at (817) 222-5932. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-AGL-13196-OE.

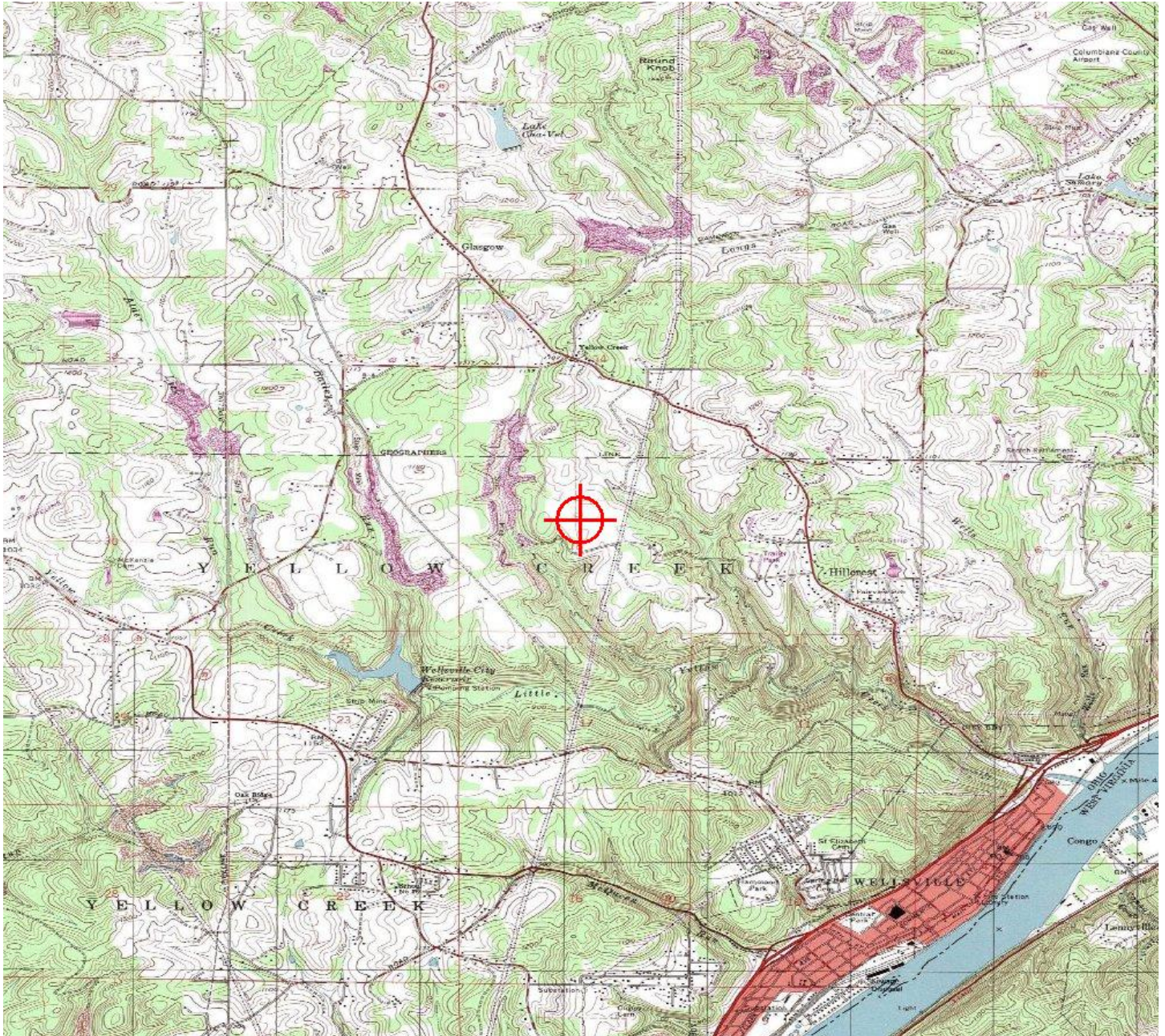
**Signature Control No: 264433969-266989027**

( DNE )

Joan Tengowski  
Technician

Attachment(s)  
Map(s)









# OHIO DEPARTMENT OF TRANSPORTATION AVIATION

2829 W. DUBLIN-GRANVILLE ROAD • COLUMBUS, OH • 43235-2786

October 6, 2015

South Field Energy LLC  
Attn: Zachary Gordon  
31 Milk Street  
Boston, MA 02109

Proposal: Stack #1  
Lat: N40°-38'-7.64"  
Lon: W80°-40'-45.46"  
Height: 180 ft AGL 1331 ft AMSL

Subject: CONSTRUCTION/ALTERATION PERMIT  
Aeronautical Study No: 2015-DOT-3290-OE

To Whom It May Concern,

In response to the application received on the above date concerning the proposed construction/alteration described above, a study has been conducted under provisions of Ohio State Law Chapter 119, Section 4561.34 of the Revised Code to determine whether proposed construction would be an obstruction to air navigation. The findings of that study are as follows:

The proposed construction exceeds obstruction standards adopted under Section 4561.32 of the Ohio Revised Code, but will not effect the safe and efficient use of the airports nor effect the safety of persons and property on the ground. However, the following applies to the construction proposed:

[ X ] Notice is required if the project is abandoned or modified; maximum height 1331 feet AMSL.

[ X ] Obstruction Marking and/or Lighting is not required.

[ X ] Compliance with the FAA conditions of approval.

This authorization to initiate construction/alteration of the subject proposal expires on March 28, 2017 unless it is extended, revised or terminated by the Ohio State Department of Transportation. This permit does not exempt you from contacting local zoning authorities regarding compliance with local zoning ordinances.

If you have any questions, please call; (614) 466-6804.

Respectfully,

ODOT Office of Aviation  
2829 W. Dublin-Granville Road  
Columbus, OH 43235



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

Aeronautical Study No.  
2015-AGL-13197-OE

Issued Date: 09/28/2015

Zachary Gordon  
South Field Energy LLC  
31 Milk Street  
Boston, MA 02109

**\*\* 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:	Stack # 2
Location:	Wellsville, OH
Latitude:	40-38-04.24N NAD 83
Longitude:	80-40-45.47W
Heights:	1151 feet site elevation (SE) 180 feet above ground level (AGL) 1331 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:

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)  
\_\_X\_\_ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

This determination expires on 03/28/2017 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 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 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.

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.

If we can be of further assistance, please contact our office at (817) 222-5932. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2015-AGL-13197-OE.

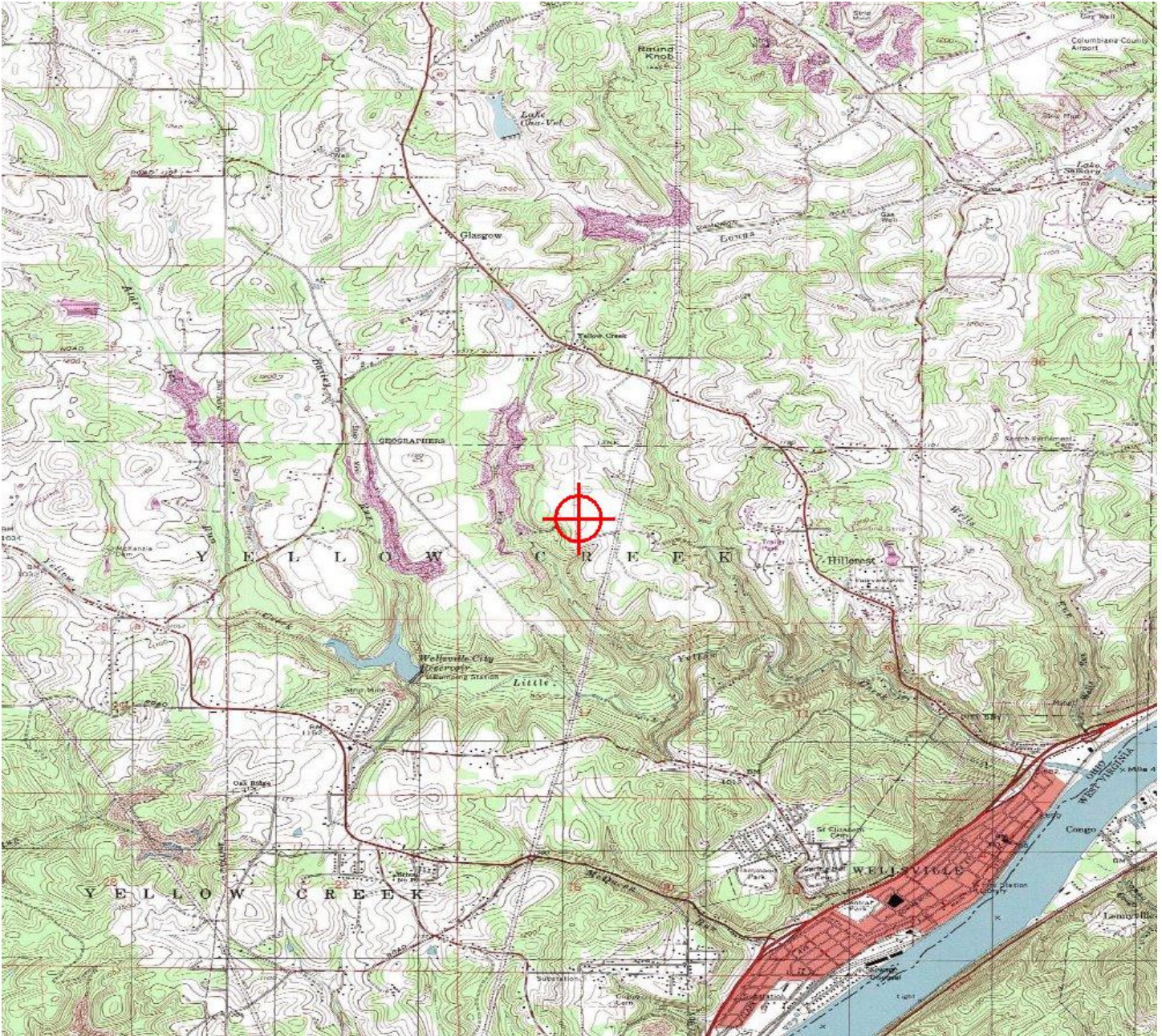
**Signature Control No: 264433970-266988749**

( DNE )

Joan Tengowski  
Technician

Attachment(s)  
Map(s)









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Lat: N40°-38'-4.24"  
Lon: W80°-40'-45.47"  
Height: 180 ft AGL 1331 ft AMSL

Subject: CONSTRUCTION/ALTERATION PERMIT  
Aeronautical Study No: 2015-DOT-3291-OE

To Whom It May Concern,

In response to the application received on the above date concerning the proposed construction/alteration described above, a study has been conducted under provisions of Ohio State Law Chapter 119, Section 4561.34 of the Revised Code to determine whether proposed construction would be an obstruction to air navigation. The findings of that study are as follows:

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If you have any questions, please call; (614) 466-6804.

Respectfully,

ODOT Office of Aviation  
2829 W. Dublin-Granville Road  
Columbus, OH 43235

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**12/7/2015 4:36:47 PM**

**in**

**Case No(s). 15-1716-EL-BGN**

Summary: Application Appendix G - Stack Height Determinations electronically filed by Mr. Scott M Guttman on behalf of South Field Energy LLC