

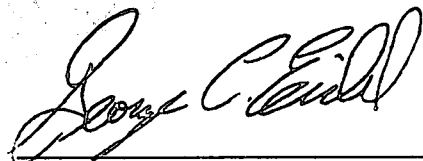
January 20, 2016

Thrasher
Atten: Matthew Fluharty, PE
600 White Oaks Boulevard
P.O. Box 940
Bridgeport WV 26330

Re: Permit # 16-411
Monongahela Power Co.
Hugle Run Substation and 34.5 kV Distribution Line Project
Project # 101-070-0354

Dear Mr. Fluharty

We have received your floodplain permit application and this project is **NOT** in the FloodPlain. Work can begin immediately. We have issued the project a permit number #15-409, so it can be quickly identified. Thank you for your time sending these project applications to us to allow our office to maintain a comprehensive record of the work conducted in our county.



George Eidel, FloodPlain MGT.

THRASHER

16-411

January 11, 2016

Mr. George Eidel
Doddridge County Commission
118 East Court Street
West Union, WV 26456

FILED
2016 JAN 19 PM 1:00
DEPT. OF COURTS
CLERK OF COURT
DODDRIDGE COUNTY, WV

**RE: *Doddridge County Floodplain Development Permit (Not in Floodplain)
Monongahela Power Company
Hugle Run Substation and 34.5 kV Distribution Line Project
Doddridge County, West Virginia
Thrasher Project #101-070-0354***

Mr. Eidel:

On behalf of Monongahela Power Company, a FirstEnergy Company, The Thrasher Group, Inc., is submitting to your office, for review and request for a conditional approval pending the selection of a contractor, for a proposed substation and distribution line project in the USGS West Union 7.5 minute quadrangle of Doddridge County, WV.

The proposed Hugle Run Substation and 34.5 kV Distribution Line Project will consist of the construction and installation of the proposed Hugle Run Substation, located at approximate coordinates 39.301401°N and 80.857981°W, and a 34.5 kilovolt (kV) distribution line; beginning at the proposed Hugle Run Substation and terminating at the existing West Union Compressor Station, at approximate coordinates 39.302527°N, 80.85913°W. The total distribution line length is approximately six hundred (600) linear feet (LF) (0.11 miles) and parallels the course of an existing graveled access road.

The proposed project's limits of disturbance (LOD) will consist of the proposed substation and a 60-foot wide construction right-of-way (ROW) for the 34.5 kV distribution line. Additionally, the proposed project will utilize two (2) existing access roads during the installation of the distribution line and substation construction. No road improvements will be required in order to use the existing access roads. The proposed Hugle Run Substation and 34.5 kV Distribution Line Project LOD encompasses approximately 1.51 acres.

The proposed Hugle Run Substation and 34.5 kV Distribution Line project is located entirely out of the floodplain. Please see attached WV Flood Tool Map and FEMA issued FIRM Map (Doddridge County Panel 115) with the project's 12.09-acre environmental area-of-interest (AOI) overlaid.

THRASHER

Doddridge County Commission
January 11, 2016
Page 2 of 2

The USGS topographical map, aerial imagery map, FIRM map, and WV Flood Tool Map contained herein depict the proposed limits of disturbance associated with the proposed construction. No construction is proposed in the floodplain; therefore, no fees are associated with this permit.

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your earliest convenience at (304)-423-5318 or pgardner@thrashereng.com.

Sincerely,

THE THRASHER GROUP, INC.



E. PAIGE GARDNER
Environmental Scientist

Enclosures (7):
Permit Application
USGS Topographic Map
Aerial Imagery Map
WV Flood Tool Map
FIRM Map
Tax Map
Driving Directions

Application

DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

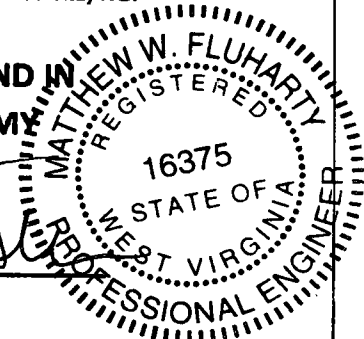
SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
8. **I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.**

APPLICANT'S SIGNATURE _____

DATE _____

[Handwritten signature]
[Handwritten date: 1/12/2010] *[Handwritten date: 1/15/11]*



SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT).

IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.

APPLICANT'S NAME: Monongahela Power Company

ADDRESS: 800 Cabin Hill Drive, Greensburg, PA 15601

TELEPHONE NUMBER: (724)-830-5971

BUILDER'S NAME: To be determined - request conditional approval

ADDRESS: _____

TELEPHONE NUMBER: _____

ENGINEER'S NAME: Matthew Fluharty, PE The Thrasher Group Inc.

ADDRESS: 600 White Oaks Boulevard, PO Box 940, Bridgeport WV 26330

TELEPHONE NUMBER: (800) 273-6541

PROJECT LOCATION:

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attached Surface Owners Table

ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) _____

DISTRICT: _____

DATE/FROM WHOM PROPERTY

PURCHASED: _____

LAND BOOK DESCRIPTION: _____

DEED BOOK REFERENCE: _____

TAX MAP REFERENCE: _____

EXISTING BUILDINGS/USES OF PROPERTY: _____

NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY _____

ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY _____

To avoid delay in processing the application, please provide enough information to easily identify the project location.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

ACTIVITY

STRUCTURAL TYPE

- | | |
|---|---|
| <input checked="" type="checkbox"/> New Structure | <input type="checkbox"/> Residential (1 – 4 Family) |
| <input type="checkbox"/> Addition | <input type="checkbox"/> Residential (more than 4 Family) |
| <input type="checkbox"/> Alteration | <input type="checkbox"/> Non-residential (floodproofing) |
| <input type="checkbox"/> Relocation | <input type="checkbox"/> Combined Use (res. & com.) |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Replacement |
| <input type="checkbox"/> Manufactured/Mobil Home | |

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Altercation (including dredging and channel modification)
- Drainage Improvements (including culvert work)
- Road, Street, or Bridge Construction
- Subdivision (including new expansion)
- Individual Water or Sewer System
- Other (please specify)
34.5 kV distribution line
-

C. STANDARD SITE PLAN OR SKETCH

1. **SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.**
2. **IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:**
 SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.
3. **SIGN AND DATE THE SKETCH.**

ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$ N/A; not within floodplain

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

Please see attached Surface Owners table

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

1. NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON ANY ADJACENT PROPERTY AT THE TIME THE FLOODPLAIN PERMIT APPLICATION IS FILED AND THE NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN ANY HOME ON ANY PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY.

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

NAME: _____
 ADDRESS: _____

E. CONFIRMATION FORM

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAME (PRINT): _____

SIGNATURE: _____ DATE: _____

After completing SECTION 2, APPLICANT should submit form to Floodplain Administrator/Manager or his/her representative for review.

SECTION 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain Administrator/Manager or his/her representative)

THE PROPOSED DEVELOPMENT:

THE PROPOSED DEVELOPMENT IS LOCATED ON:

FIRM Panel: _____

Dated: _____

Is **NOT** located in a Specific Flood Hazard Area (Notify applicant that the application review is complete and **NO FLOODPLAIN DEVELOPMENT PERMIT IS REQUIRED**).

Is located in Special Flood Hazard Area.

FIRM zone designation _____

100-Year flood elevation is: _____ NGVD (MSL)

Unavailable

The proposed development is located in a floodway.

FBFM Panel No. _____

Dated _____

See section 4 for additional instructions.

SIGNED _____

DATE _____

SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.

- A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.

- Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also _____

- Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).

- Plans showing the extent of watercourse relocation and/or landform alterations.

- Top of new fill elevation _____ Ft. NGVD (MSL).
For floodproofing structures applicant must attach certification from registered engineer or architect.

- Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.

- Manufactured homes located in a floodplain area must have a West Virginia Contractor's License and a Manufactured Home Installation License as required by the Federal Emergency Management Agency (FEMA).

Other:

SECTION 5: PERMIT DETERMINATION (To be completed by Floodplain Administrator/Manager or his/her representative)

I have determined that the proposed activity (type is or is not) in conformance with provisions of the Floodplain Ordinance adopted by the County Commission of Doddridge County on May 21, 2013. The permit is issued subject to the conditions attached to and made part of this permit.

SIGNED _____ DATE _____

If the Floodplain Administrator/Manager found that the above was not in conformance with the provisions of the Doddridge County Floodplain Ordinance and/or denied that application, the applicant may complete an appealing process below.

APPEALS: Appealed to the County Commission of Doddridge County? Yes No
Hearing Date: _____
County Commission Decision - Approved Yes No

CONDITIONS: _____

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

COMPLETE 1 OR 2 BELOW:

- 1 Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space is _____ FT. NGVD (MSL)
- 2 Actual (As Built) elevation of floodproofing is _____ FT. NGVD (MSL)

Note: Any work performed prior to submittal of the above information is at risk of the applicant.

SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain Administrator/Manager or his/her representative).

The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.

INSPECTIONS:

DATE: _____ BY: _____
DEFICIENCIES ? Y/N

COMMENTS _____

SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain Administrator/Manager or his/her representative).

Certificate of Compliance issued: DATE: _____ BY: _____

**CERTIFICATE OF COMPLIANCE
FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA
(OWNER MUST RETAIN)**

PERMIT NUMBER: _____

PERMIT DATE: _____

PURPOSE –

CONSTRUCTION LOCATION: _____

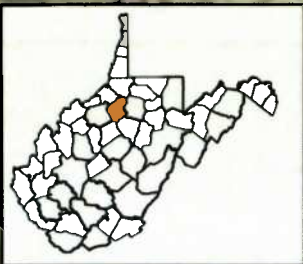
OWNER'S ADDRESS: _____

**THE FOLLOWING MUST BE COMPLETED BY THE FLOODPLAIN
ADMINISTRATOR/MANAGER OR HIS/HER AGENT.**

**COMPLIANCE IS HEREBY CERTIFIED WITH THE REQUIREMENT OF THE
FLOODPLAIN ORDINANCE ADOPTED BY THE COUNTY COMMISSION OF
DODDRIDGE COUNTY ON MAY 21, 2013.**

SIGNED _____ **DATE** _____

USGS Topographic Map



Copyright © 2013 National Geographic Society. i-cubed

Document Path: R:\1070-0354-ENVIRONMENTAL-FIRST ENERGY-(US)Delmeester\MWD\amazon4_Substation_Only\Fig_SiteLoc_HugleRuns50mby.mxd

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| No. | By | Date | Description |
|-----|----|------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
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Scale: 1 inch = 600 feet
 Quad: West Union
 Drawn By: egreaser Date: 1/11/2016
 Surveyed By: PG/JW Date: 12/08/2015
 Field Book No.:

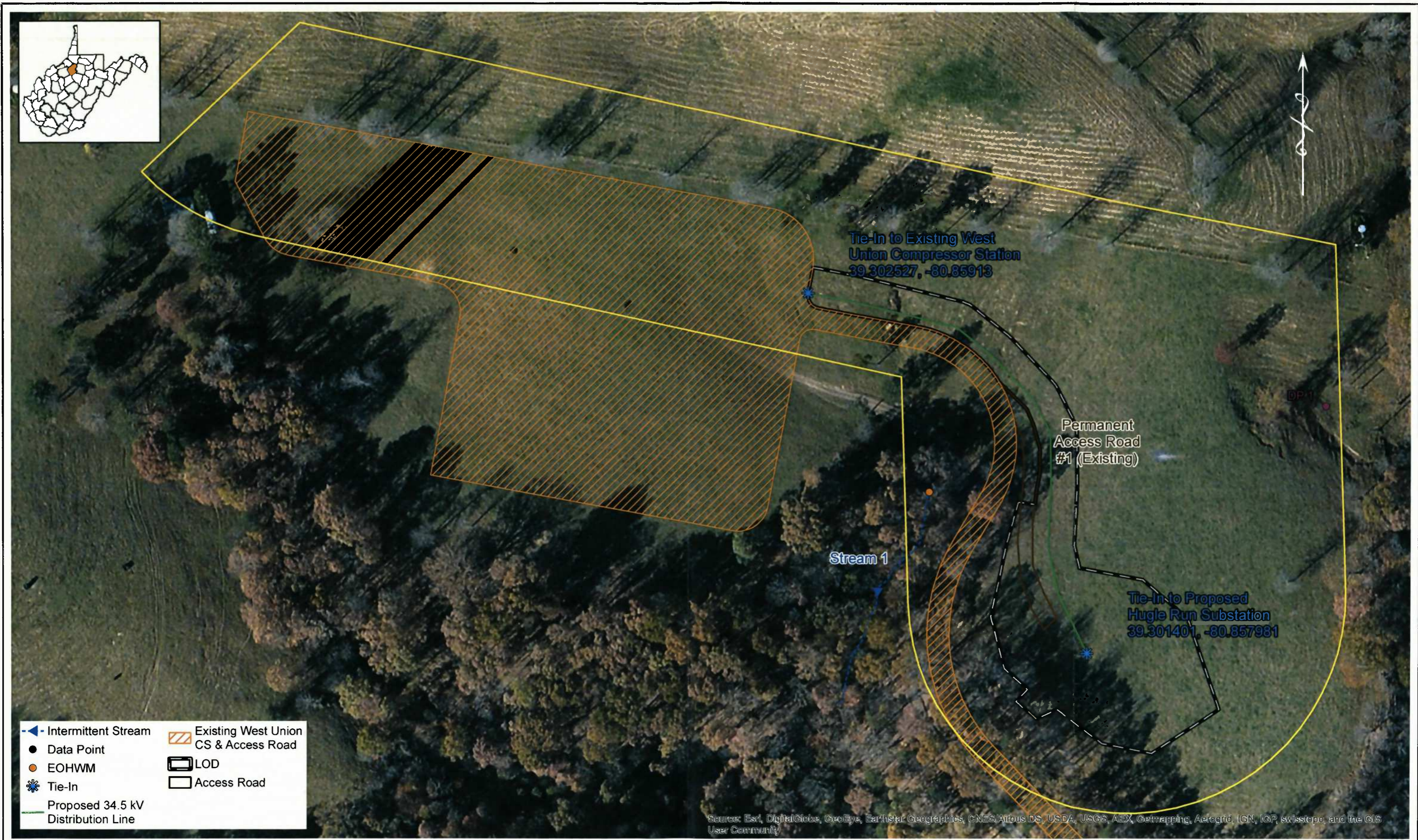


| |
|-----------------------------|
| Phase No. |
| Contract No. |
| Project No. 101-070-0354 |

Figure 1: Site Location
 Hugle Run Substation &
 34.5 kV Distribution Line
 Doddridge County - West Virginia

| |
|-----------|
| Sheet No. |
|-----------|

Aerial Imagery Map



- Intermittent Stream
- Data Point
- EOHWM
- Tie-In
- Proposed 34.5 kV Distribution Line
- Existing West Union CS & Access Road
- LOD
- Access Road

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Document Path: R:\1070-0354-ENVIRONMENTAL-FIRST ENERGY\GIS\Delinestation\MXD\Janz2016_Substation_Only\Fig4_Delineation_HugleRunSSOnly.mxd

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| No. | By | Date | Description |
|-----|----|------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |



Scale: 1 inch = 100 feet
 Quad: West Union
 Drawn By: egreaser Date: 1/11/2016
 Surveyed By: PG/JW Date: 12/08/2015
 Field Book No.:



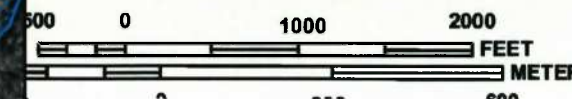
| |
|-----------------------------|
| Phase No. |
| Contract No. |
| Project No. 101-070-0354 |

Figure 4: Delineation
 Hugle Run Substation &
 34.5 kV Distribution Line
 Doddridge County - West Virginia

FIRM Map



MAP SCALE 1" = 1000'



NFP

PANEL 0115C

FIRM

FLOOD INSURANCE RATE MAP
DODDRIDGE COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 115 OF 325
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

| CONTAINS: | | | |
|------------------|--------|-------|--------|
| COMMUNITY | NUMBER | PANEL | SUFFIX |
| DODDRIDGE COUNTY | 540024 | 0115 | C |

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
54017C0115C
MAP REVISED
OCTOBER 4, 2011

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

WV Flood Tool Map

WV Flood Map



This map is not the official regulatory FIRM or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

User Notes:
Huggle Run Substation and
Transmission Line

Map created on December 29, 2016

- Flood Hazard Zone
- ⊙ Flood Point of Interest

Disclaimer:
The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.
WV Flood Tool (<http://www.MapWV.gov/flood/>) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.

Flood Hazard Area:
Flood Hazard Area: Location is NOT WITHIN any identified flood hazard area. Unmapped flood hazard

FEMA Issued Flood Map: 54017C0115C

Watershed (HUC8): Little Muskingum-Middle Island (5

Elevation: About 881 ft

Location (long, lat): (80.862715 W, 39.304672 N)

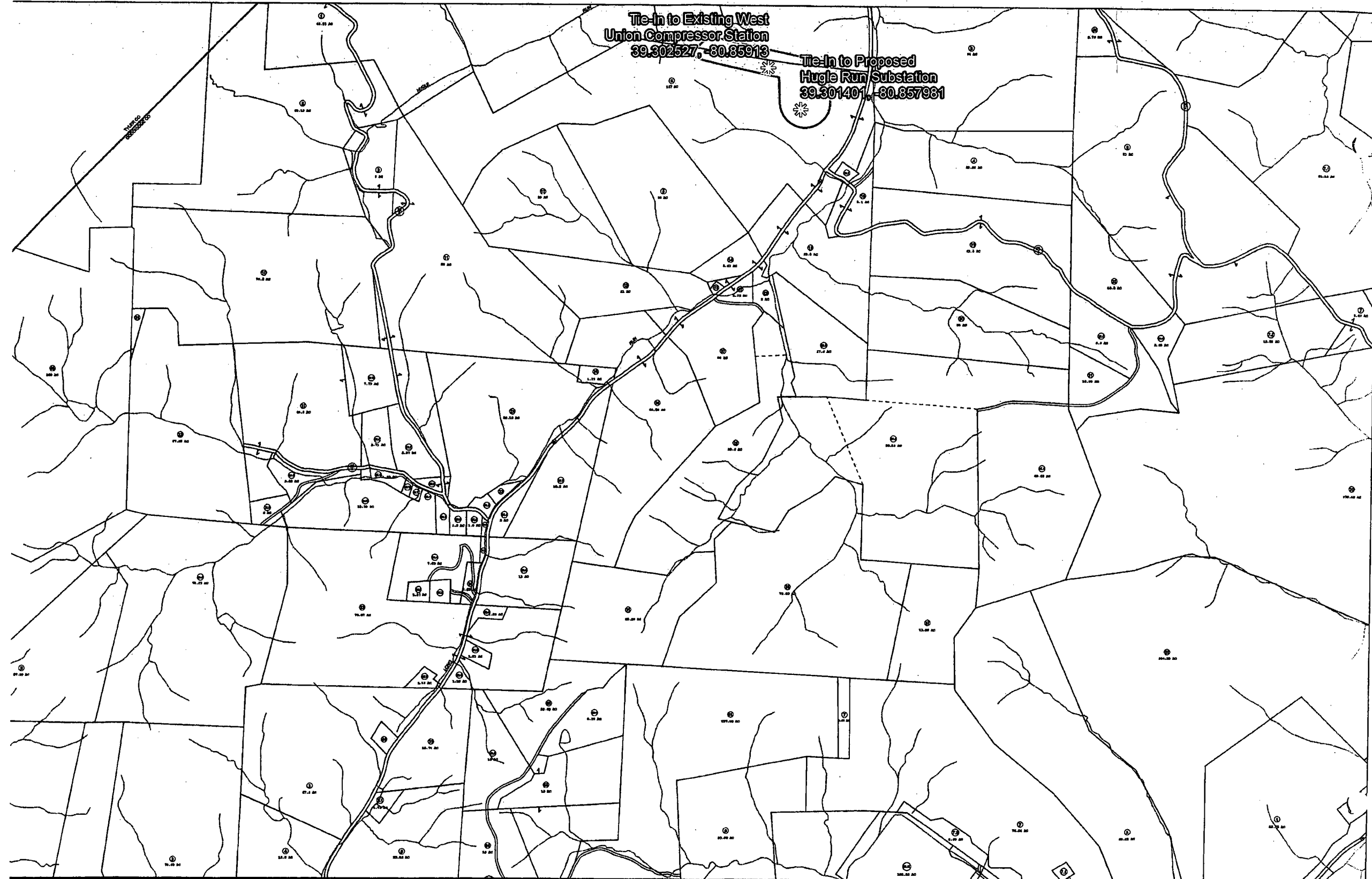
Location (UTM 17N): (511837, 4350595)

Contacts: Doddridge

CRS Information: N/A

Parcel Number:

Tax Map



| Legend | |
|---------------------------|---------------|
| --- Original Lot Line | Parcel Number |
| --- Property | Lot Number |
| --- Easement | Parcel Number |
| --- Road and Railroad R/W | Parcel Front |
| --- Road Shoulder | Circle |
| --- Road Right of Way | |

| Revisions | |
|-----------|----|
| 1 | 7 |
| 2 | 8 |
| 3 | 9 |
| 4 | 10 |
| 5 | 11 |
| 6 | 12 |

| | |
|---|----|
| 3 | 4 |
| 5 | 6 |
| 7 | 8 |
| 9 | 10 |

STATE OF WEST VIRGINIA
DODDRIDGE COUNTY
 Office of Assessor

District **CENTRAL**
SHEET NO: 6
 Date, Aerial Photography: _____ Date, Map: _____
 Photo No: _____ Scale: 1" = 200'

Surface Owners Table

**Hugle Run Substation and 34.5 kV Distribution Line Project
Surface Owners Table**

Surface Owners

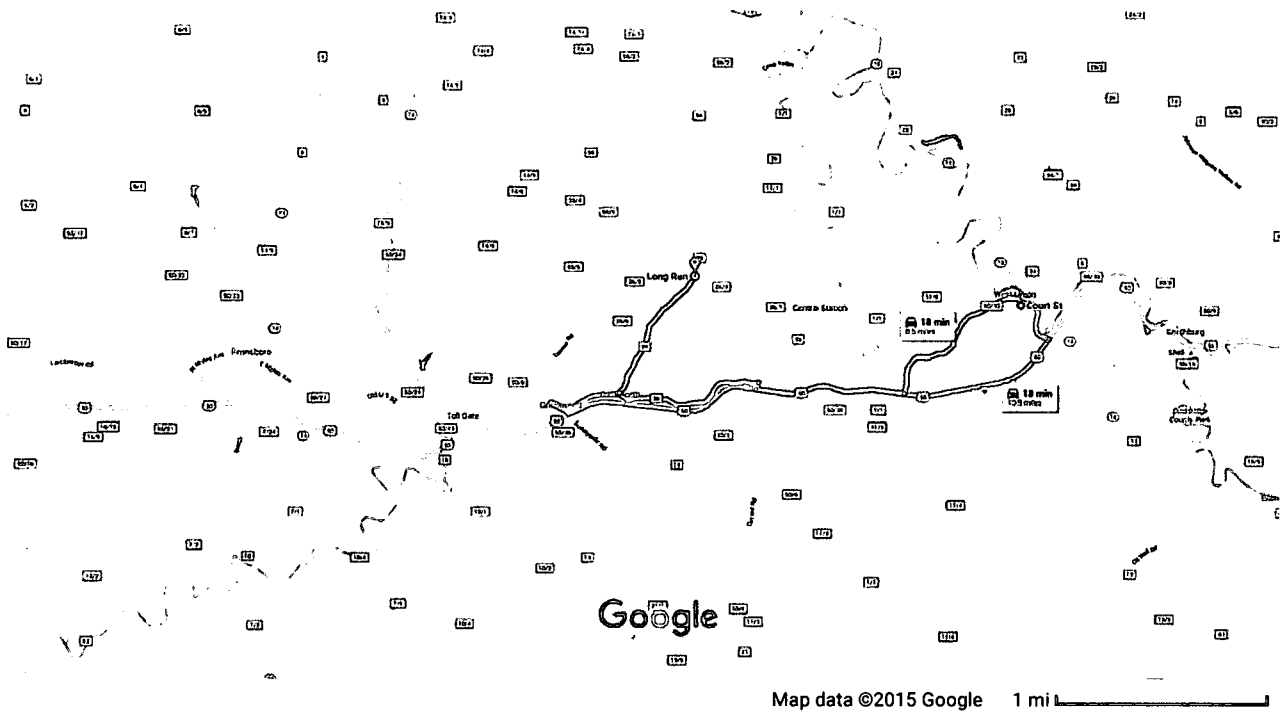
| DIST NAME | DIST | MAP | PAR | OWNER | ADDRESS | LOC | BOOK | PAGE | LEGAL DESC |
|-----------|------|-----|-----|---|---|-----|------|------|--|
| CENTRAL | 1 | 6 | 6 | JAMES THELMA B TRUSTEE OF LAWRENCE L JAMES LIVING TRUST | 1615 WYNKOOP ST, DENVER, CO 80202 | N/A | WB33 | 226 | LONG RUN 11.75 AC (TRACT ONE) (SONS MODULAR HOME) |
| CENTRAL | 1 | 6 | 6.1 | ANTERO RESOURCES APPALACHIAN CORPORATION | 1615 WYNKOOP ST, DENVER, CO 80202 | N/A | 304 | 235 | LONG RUN 22.45 AC (TRACT TWO) |
| CENTRAL | 1 | 6 | 6.2 | ANTERO RESOURCES CORPORATION | 1625 17 TH ST STE 300, DENVER, CO 80202 | N/A | 311 | 35 | LONG RUN 2 AC (TRACT 3) |
| CENTRAL | 1 | 6 | 6.3 | ANTERO MIDSTREAM LLC | 1615 WYNKOOP ST, DENVER, CO 80202 | N/A | 330 | 704 | LONG RUN 70.8 AC (TRACT 4) |

Driving Directions

Google Maps

Court St, West Union, WV 26456 to Long Run, West Union, WV 26456

Drive 8.5 miles, 18 min



Court St
West Union, WV 26456

- ↑ 1. Head northeast on Columbia St toward W Main St 269 ft
 - ← 2. Turn left onto W Main St 0.3 mi
 - ↙ 3. Slight left onto Old U.S. 50 W 2.0 mi
 - ↘ 4. Turn right onto US-50 W 2.0 mi
 - ↘ 5. Turn right onto Wilhelm Run Rd 0.1 mi
 - ← 6. Turn left onto Duckworth Rd 2.1 mi
 - ↗ 7. Slight right onto Long Run 1.9 mi
- 📍 Destination will be on the left

Long Run
West Union, WV 26456

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.