#14-169

FILED

2014 MAR -3 PM 12: 57

### Crestwood Marcellus BETH A. ROGERS COUNTY CLERK DODDRIDGE COUNTY, WV **Midstream LLC**

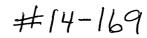
Stark to Hyre Pipeline

THRASHER GROUP, INC. PROJECT # 101-015-0213 FRIM PANEL 235 and 255 OF 325

### DODDRIDGE COUNTY LOCATION **IMPROVEMENT PERMIT**



February 2014



### THRASHER

2014 MAR -3 PM 12: 57

BETH A. ROGERS COUNTY CLERK DODDRIDGE COUNTY, WY

February 28, 2014 Doddridge County Commission 118 East Court Street West Union, WV 26456

RE: Doddridge County Location Improvement Permit
Crestwood Marcellus Midstream LLC
Stark to Hyre Pipeline, Doddridge County, West Virginia
Thrasher Group Project # 101-015-0213

To whom it may concern:

On behalf of Crestwood Marcellus Midstream LLC (Crestwood), The Thrasher Group Inc., is submitting to your office for review and approval an application package for a Doddridge County Location Improvement Permit for a proposed pipeline project in the USGS New Milton 7.5 minute quadrangle of Doddridge County, WV.

The proposed 16" steel pipeline will originate at the Stark Compressor Station located at approximately 39.204980°N and 80.616254°W. From there, the pipeline will extend southwest within a proposed 75' wide construction right-of-way (ROW) terminating at the Hyre tie-in location on the existing Tichnel to Midpoint gathering line, located at approximately 39.201064°N and 80.650074°W. The proposed pipeline will be 12,578 LF in length, and its associated AOI will cover approximately 21.75 acres.

The proposed pipeline is located entirely out of the floodplain. Please see attached WV Flood Tool map and FIRM maps (Doddridge County Panels 235 and 255) with the pipeline overlaid. Access to the proposed project will be obtained through existing previously constructed and permitted access roads.

The USGS topographical map and aerial imagery map contained herein depict the proposed limits of disturbance associated with construction. No above-ground or underground structures are proposed to be constructed within the 100 year flood plain. In addition, after construction, all material will be replaced to restore original elevation, slope and contour. Note that all required federal and state permit applications have been submitted for the project and are attached.

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your convenience at (304) 326-6144 or <a href="mailto:rboustany@thrashereng.com">rboustany@thrashereng.com</a>.

### THRASHER

Doddridge County Commission February 28, 2014 Page 2 of 2

Sincerely,

THRASHER GROUP, INC.

Ryan S. Boustany
Staff Engineer

**Enclosures** 



Crest wood Marcellus Stark to
Hyre P/L
NTY

DODDRIDGE COUNTY
FLOODPLAIN DEVELOPMENT PERMIT API

2014 MAR - 3 PM 345 APPLICATIONS COUNTY CLERK DODDRIDGE COUNTY, WY

#### 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_ | Wath Lin |
|------------------------|----------|
| DATE                   | theliy   |

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: Crestwood Marcellus Midstream LLC.                  |  |  |  |
|---|--|--|--|
| ADDRESS: 801 Cherry Street, Suite 3800, Unit 20, Fort Worth TX, 76102 |  |  |  |
| TELEPHONE NUMBER: (817) 339-5400                                      |  |  |  |

| BUILDER'S NAME: To be determined - request conditional approval                            |
|--|
| ADDRESS:   |
| TELEPHONE NUMBER:  |
|  |
| ENGINEER'S NAME: Matthew Fluharty, PE The Thrasher Group INC. STER                         |
| ADDRESS: 600 White Oaks Boulevard, PO Box 940, Bridgeport WV 26330                         |
| TELEHONE NUMBER: (800) 273-6541  |
| PROJECT LOCATION:  |
| NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Please see attached                    |
| ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)                                     |
| DISTRICT:  |
| DATE/FROM WHOM PROPERTY  |
| PURCHASED:   |
| EARD BOOK DESCRIPTION:   |
| DEED BOOK REFERENCE:   |
| TAX MAP REFERENCE:   |
| EXISTING BOILDINGS/05ES 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

|                            | <u>AC</u>   | TIVITY  |  |  |                       | STRUCTURAL TYPE  |
|----------------------------|---|---|--|--|-----------------------|--|
| 0<br>0<br>0<br>0<br>0<br>0 | New Struct Addition Alteration Relocation Demolition Manufactu  OTHER DE  | n<br>ured/Mo  | bil Home<br><b>MENT ACTIV</b>  | /ITIES:                                  | 0<br>0<br>0<br>0<br>0 | Residential (1 – 4 Family) Residential (more than 4 Family) Non-residential (floodproofing) Combined Use (res. & com.) Replacement |
|                            | Watercour<br>Drainage Ir<br>Road, Stree<br>Subdivision  | se Alteromprovemet, or Brid<br>(includi<br>Water or | ation (includir<br>nents (includin<br>dge Constructi<br>ng new expan<br>Sewer System | ng dredgiong culvertion<br>sion<br>sion) | ng and ch             | ng M Pipelining  NT checked above)  channel modification)  |
| 2                          | <ol> <li>STANDARD SITE PLAN OR SKETCH</li> <li>SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.</li> <li>IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:         <ul> <li>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 &amp; HEIGHT. IDENTIFY EXISTING BUILDINGS, STRUCTURES OR LAND USES ON THE PROPERTY.</li> </ul> </li> <li>SIGN AND DATE THE SKETCH.</li> </ol> |   |  |  |                       |  |
| IRRE                       | SPECTIVE O  | F WHE   | THER ALL OI  | R ANY P                                  | ART OF                | OMPLETE DEVELOPMENT F THE SUBJECT PROPOSED   |
| CON                        | STRUCTION   | I PROJE   | CT IS WITHI  | N THE F                                  | LOODP                 | PLAIN \$ \$0.00  |

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

**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: NAME: ADDRESS: ADDRESS: NAME:\_\_\_\_\_ NAME:\_\_\_\_\_ ADDRESS:\_\_\_\_\_ 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: NAME: \_\_\_\_\_\_ ADDRESS:\_\_\_\_\_ ADDRESS:\_\_\_\_ NAME:\_\_\_\_\_ NAME:\_\_\_\_\_ ADDRESS:\_\_\_\_ ADDRESS:

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

#### 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.

|             | (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DO FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING T | APPEALS BOARD FOR                            |
|-------------|---|--|
|             | GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PE   | RMIT.  |
| NAMI        | E(PRINT): Malken Thurty   |  |
| SIGNA       | ATURE: Matter Fluty DATE:   | zlislig                                      |
| After       | completing SECTION 2, APPLICANT should submit form to Floodplain  |  |
| Admir       | nistrator/Manager or his/her representative for review.   | ı  |
|             |   |  |
| <u>SECT</u> | ION 3: FLOODPLAIN DETERMINATION (to be completed b  | y Floodplain                                 |
| <u>Admi</u> | inistrator/Manager or his/her representative)   |  |
|             |   |  |
| THE         | PROPOSED DEVELOPMENT:   |  |
| THE DI      | ROPOSED DEVELOPMENT IS LOCATED ON:  |  |
| 1112 6      | NOT USED DEVELOPMENT IS EUCATED UN:   |  |
| FIRM I      | Panel:  |  |
| Dated       |   |  |
| []          | Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify applicant that is complete and <b>NO FLOOPLAIN DEVELOPMENT PERMIT IS REQUIR</b>         | t the application                            |
| [] .        | Is located in Special Flood Hazard Area.  | <i>,                                    </i> |
|             | FIRM zone designation   | `  |
|             | 100-Year flood elevation is:  | NGVD (MSL)                                   |
| []          | Unavailable   |  |
| []          | The proposed development is located in a floodway.  |  |
|             | FBFM Panel No Dated   |  |

COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.

(D)

[]

See section 4 for additional instructions.

Dated\_\_\_\_\_

SIGNED Ralphane

DATE 370-14

# 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 elevationFt. 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:                       |  |      |                 |  |  |
|----|------------------------------|--|------|-----------------|--|--|
|    |                              |  |      |                 |  |  |
|    |                              |  |      |                 |  |  |
| EC |                              | MIT DETERMINATION (To be<br>stor/Manager or his/her re   |      | <u>lain</u>     |  |  |
|    | provisions of<br>County on M | 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 |                 |  |  |
|    | with the pro                 | 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 Comm  |      | /? [] Yes {} No |  |  |
|    |                              | County Commission Decision -   |      |                 |  |  |
|    | CONDITIONS:                  |  |      |                 |  |  |
|    | <del></del>                  |  |      |                 |  |  |
|    |                              |  |      |                 |  |  |
|    |                              |  |      | <del></del>     |  |  |

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

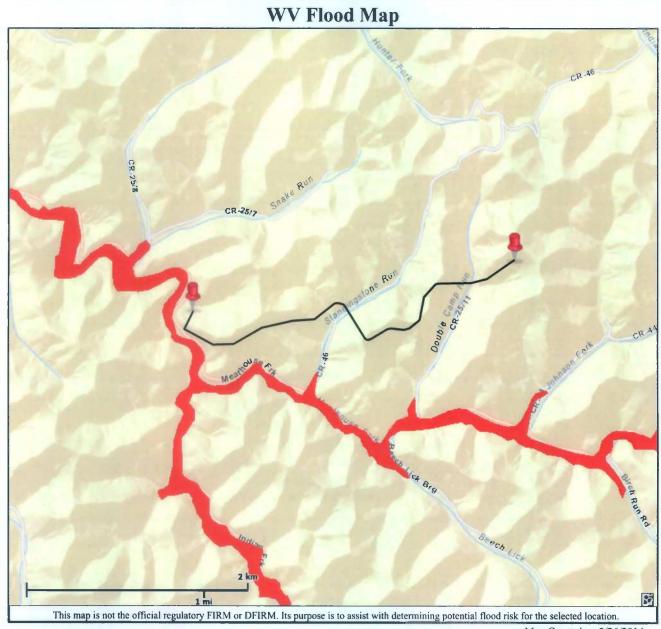
The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

#### COMPLETE 1 OR 2 BELOW:

| 1           | Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space isFT. NGVD (MSL)  |
|-------------|---|
| 2           | Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)   |
| Note:       | Any work performed prior to submittal of the above information is at risk of the ant.   |
| SECTI       | ON 7: COMPLIANCE ACTION (To be completed by the Floodplain  |
| <u>Admi</u> | nistrator/Manager or his/her representative).   |
| as app      | poodplain Administrator/Manager or his/her representative will complete this section licable based on inspection of the project to ensure compliance with the Doddridge y Floodplain Ordinance. |
| INS         | SPECTIONS:  |
|             | DATE:BY: DEFICIENCIES ? Y/N   |
| со          | MMENTS  |
|             |   |
|             |   |
|             |   |
|             |   |
|             |   |
| SECTIO      | ON 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain  |
|             | nistrator/Manager or his/her representative).   |
| Certific    | ate of Compliance issued: DATE:   |

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

| PER:  | RMIT NUMBER:                                 |          |
|---|--|----------|
| PURPOSE -   |  |          |
| CONSTRUCTION LOCATION:_                             |  |          |
|   |  |          |
| OWNER'S ADDRESS:                                    |  |          |
|   |  |          |
|   | ·  |          |
|   |  |          |
|   |  | :        |
| THE FOLLOWING MUST BE CO<br>ADMINISTRATOR/MANAGER   | OMPLETED BY THE FLOODPLAIN OR HIS/HER AGENT. | ,        |
| COMPLIANCE IS HEREBY                                | BY CERTIFIED WITH THE REQUIREMENT OF         | THE      |
| FLOODPLAIN ORDINANCE ADO<br>DODDRIDGE COUNTY ON MAY | OPTED BY THE COUNTY COMMISSION OF            | <u>-</u> |
| SIGNED  | DATE   |          |



Map Created on 2/26/2014

Location of the mouse click



Flood Hazard Zone (1% annual chance floodplain)

**User Notes:** 

#### 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 is supported by FEMA, WV NFIP Office, and WV GIS Technical Center (http://www.MapWV.gov/flood)

Flood Hazard Area: Selected site is NOT WITHIN

hazard areas may be present.

Elevation: About 1126 feet

Location (long, lat): 80.707074 W, 39.219255 N Location (UTM 17N): (525287, 4341149)

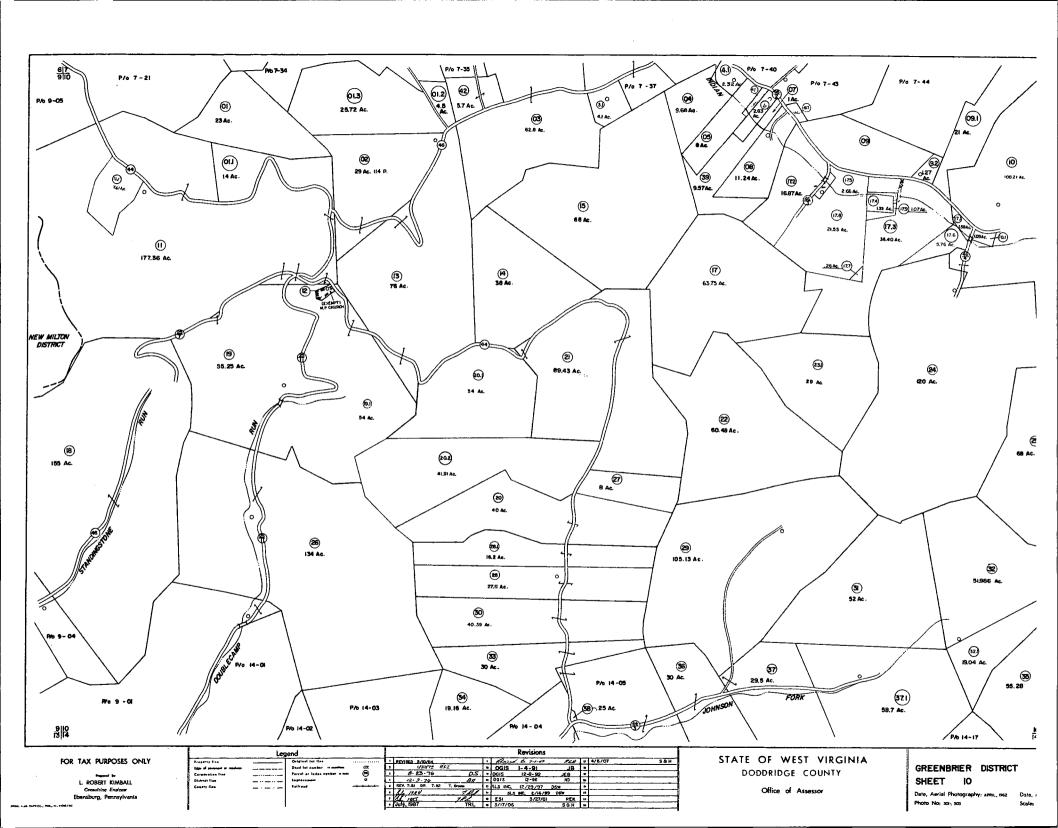
any identified flood hazard area. Unmapped flood

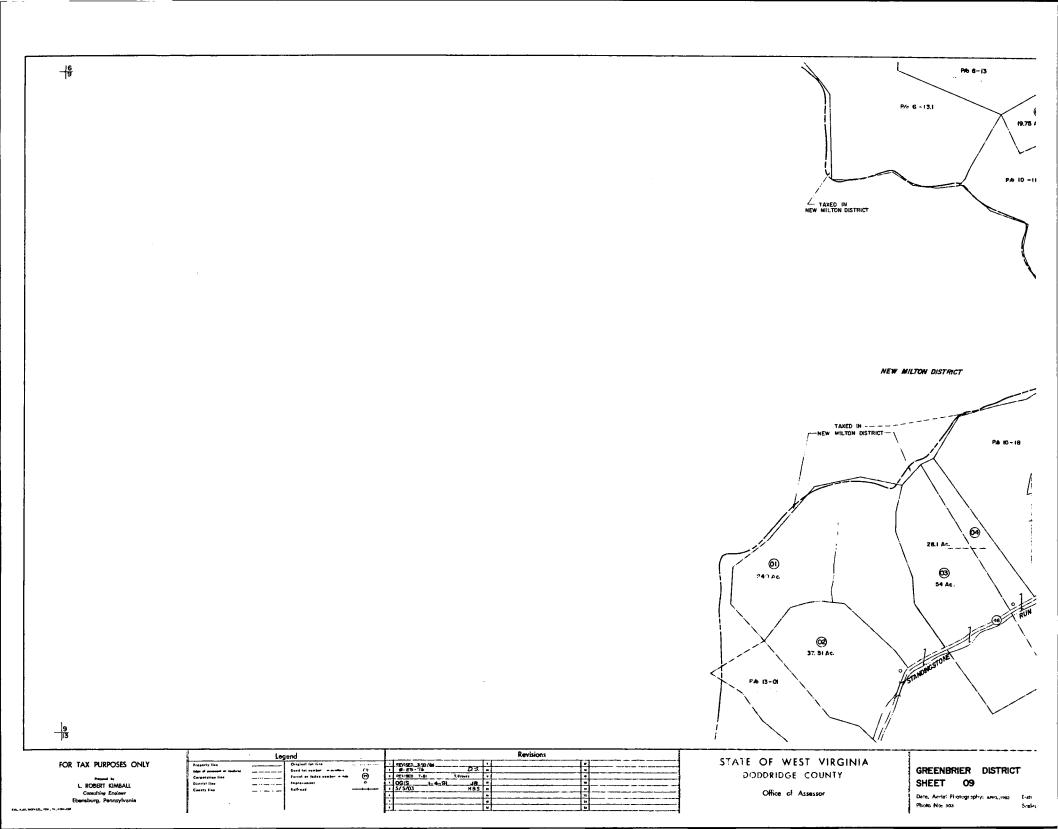
FEMA Issued Flood Map: 54017C0230C

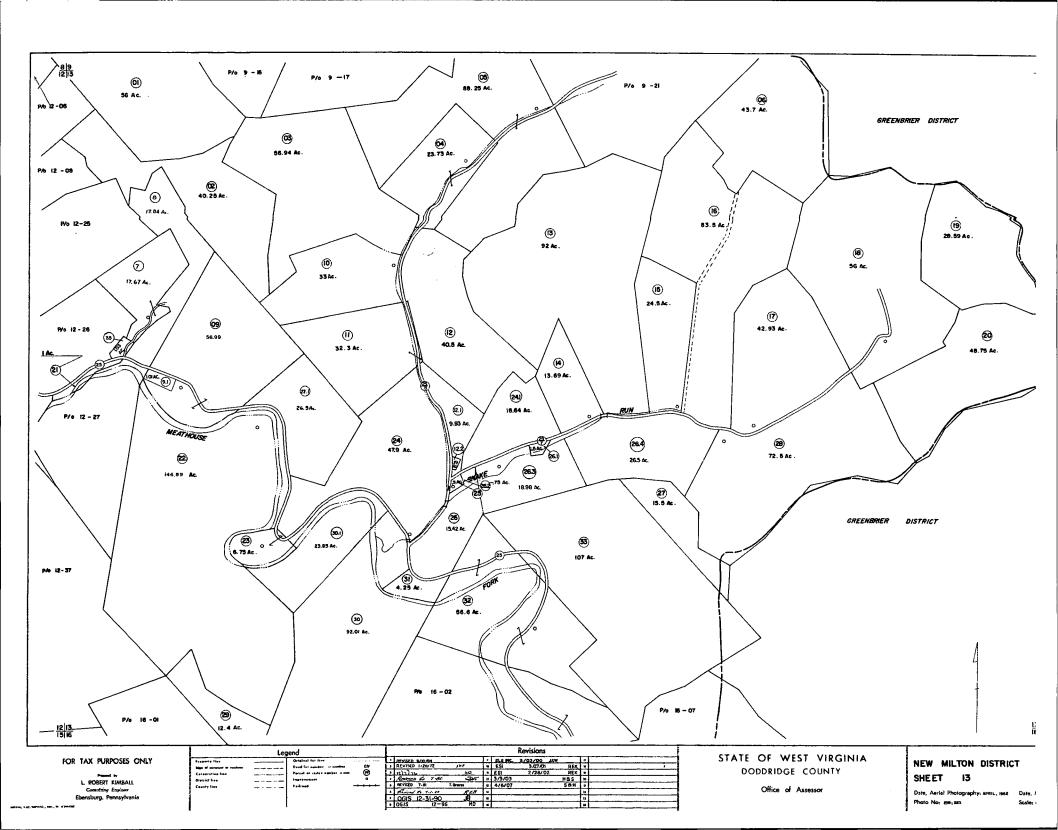
Contacts: Doddridge County

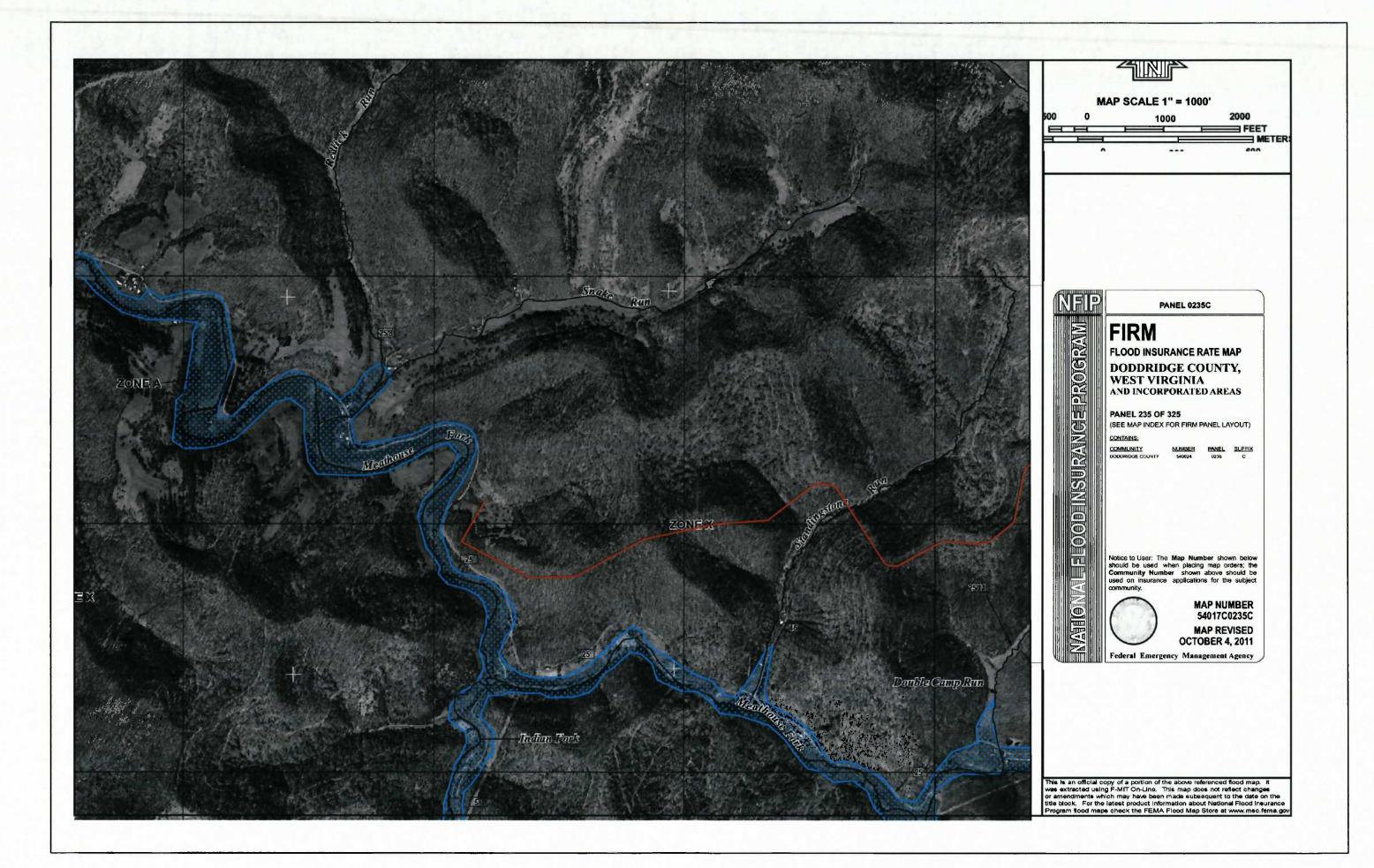
CRS Information: No CRS information available

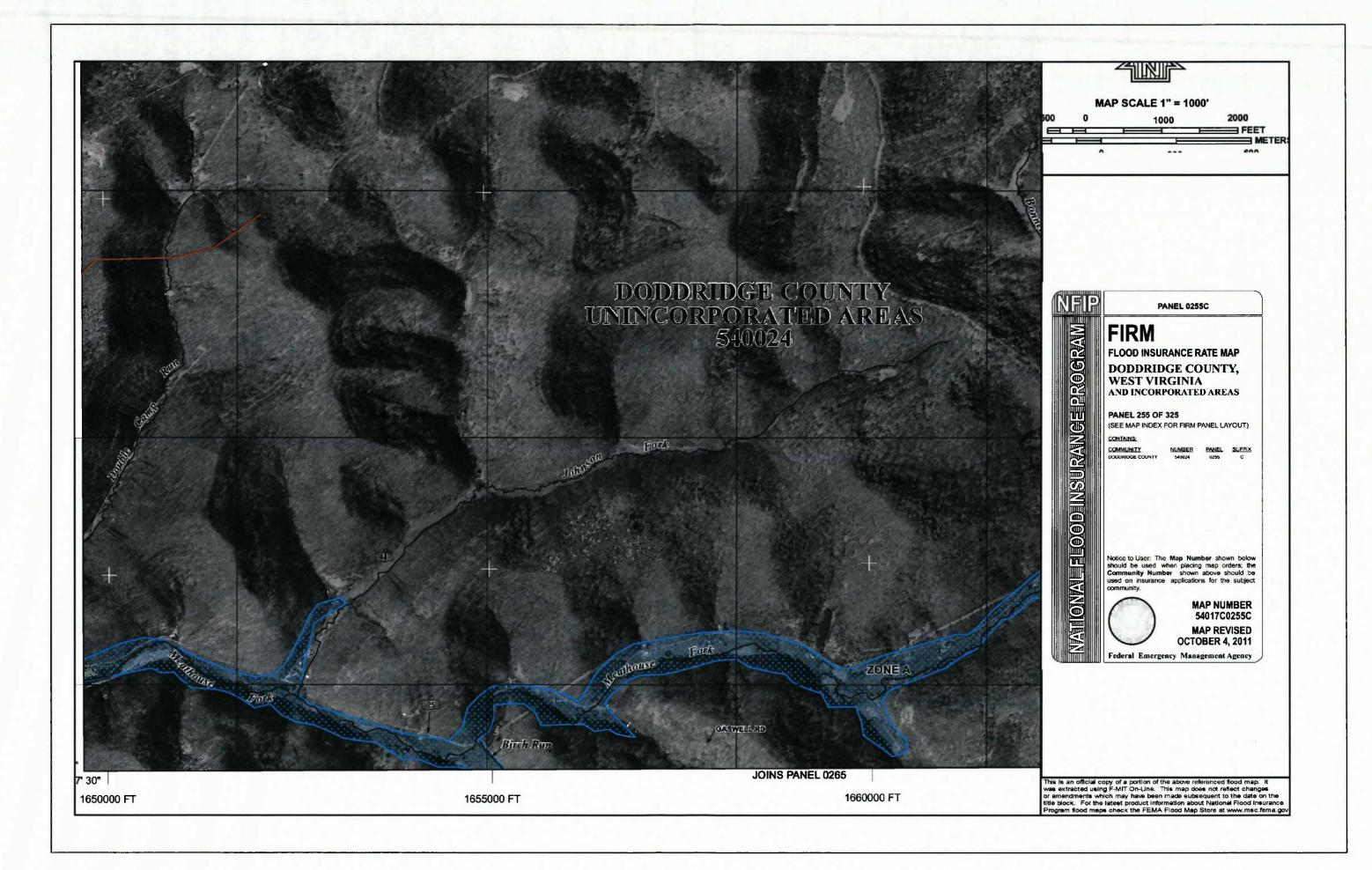
Parcel Number:

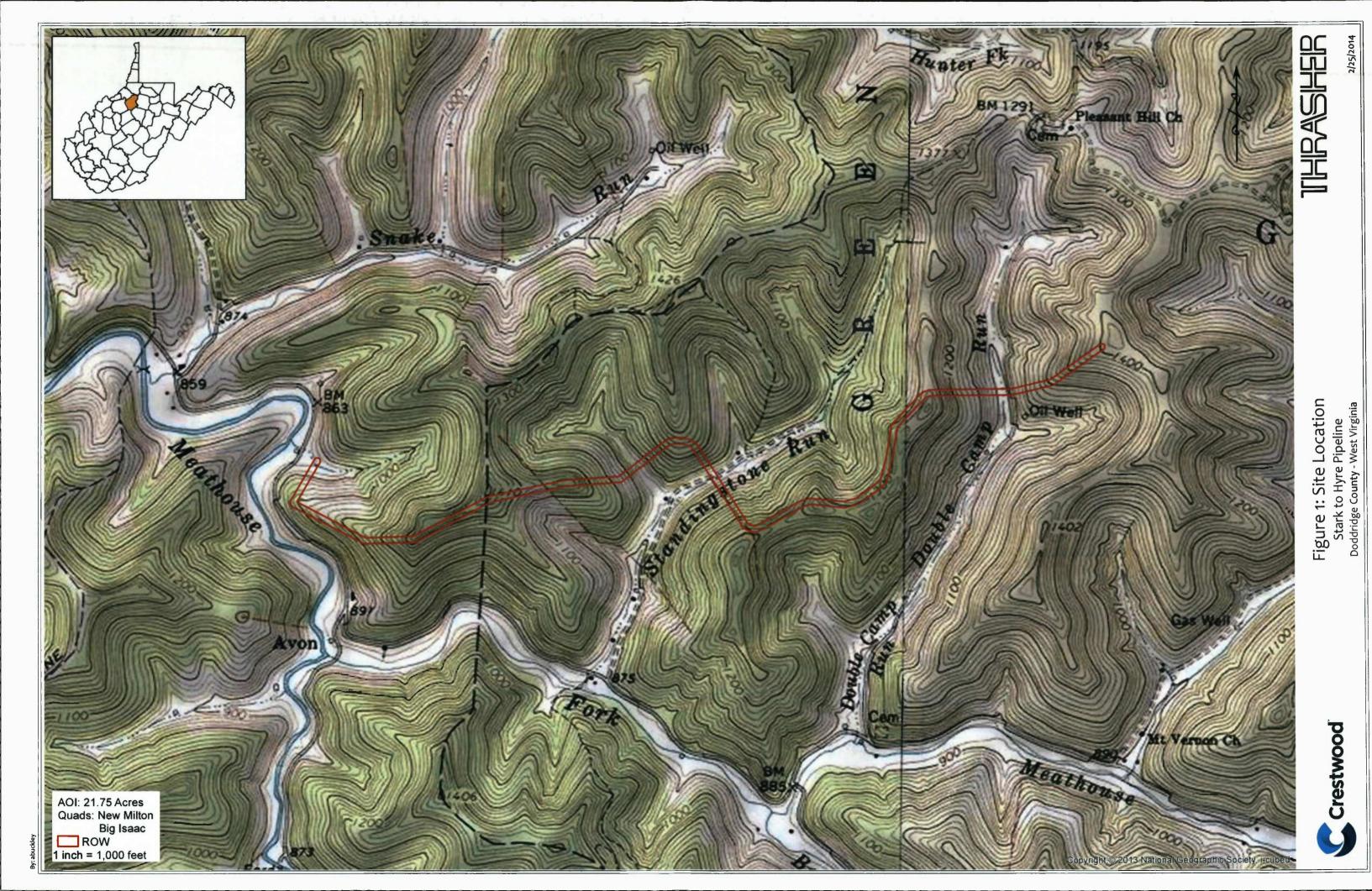




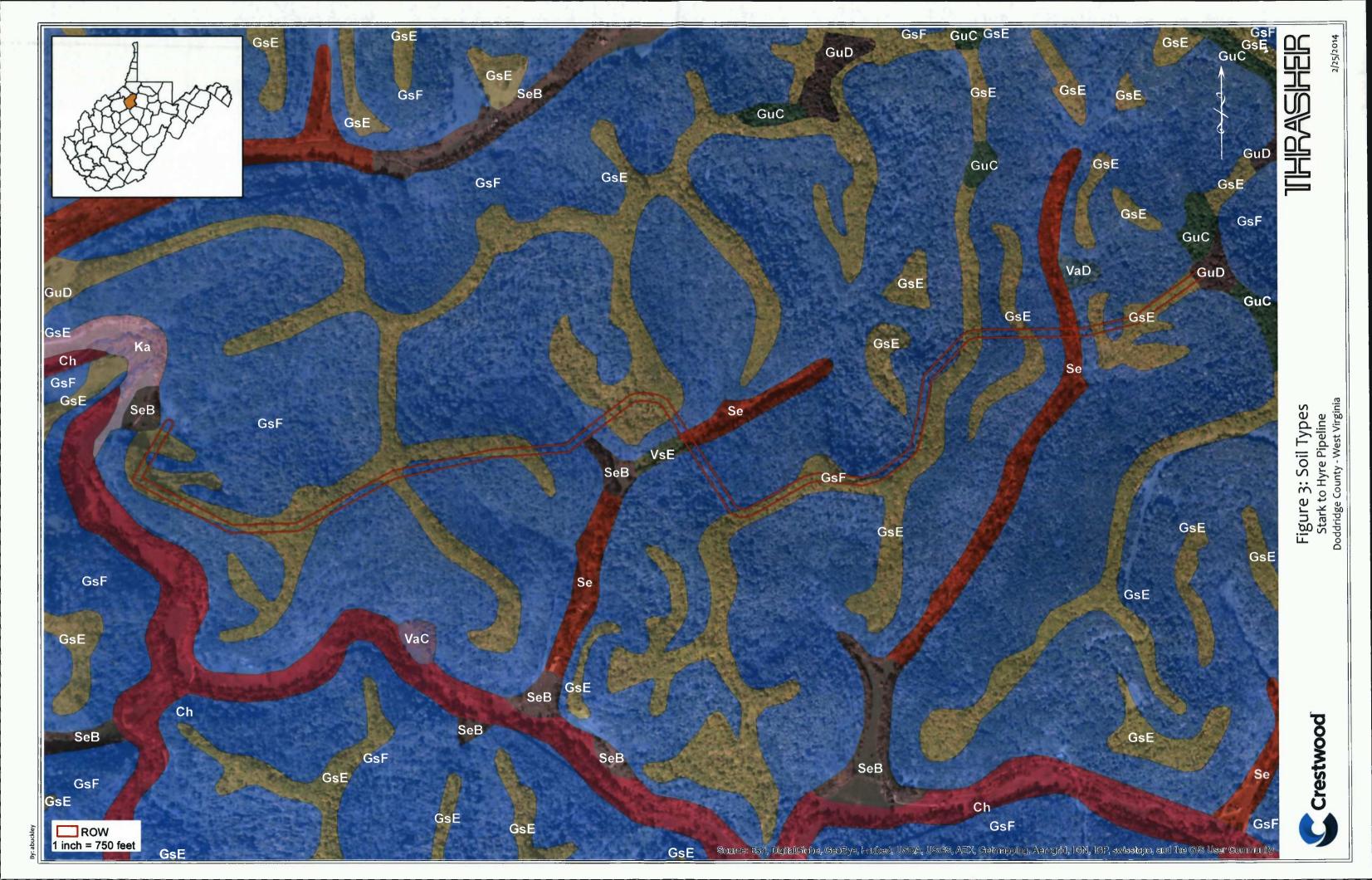
















Crestwood

Figure 4.2: Delineation Stark to Hyre Pipeline Doddridge County - West Virginia







