

# Floodplain Development Permit

## Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

**Permit: # 15-383 EXTENSION**

**Date Approved: November 18, 2016**

**Expires: February 16, 2017**

**Issued to: EQT Production Company Inc.**

**POC: Lacoa Corder  
304-848-0066**

**Company Address: 120 Professional Place  
Bridgeport, WV 26330**

**Project Address: EQT Bluestone Creek to Henderson Impoundment Waterline**

**Firm: 225C**

**Lat/Long:**

**Purpose of development: Above ground temporary waterline and intake manifold**

**Issued by: George C. Eidel, CFM, OEM Director/Doddridge County FPM (or designee)**

**Date: November 18, 2016**

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For additional information regarding this permit, please contact  
Doddridge County Floodplain Manager at 304.873.2631, or via email at  
doddridgecountyfpm@gmail.com  
118 East Court Street; West Union, WV 26456

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West Union

**Date Approved: 11/18/2015**



**Expires: 11/18/2016**

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**POC: Lacoa Corder  
(304)848-0066**

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**Purpose of development: Above Ground Temporary Water line and intake manifold**

**Issued by: George C Eidel, Doddridge County FPM (or designee)**

**Date: 11/18/2015**

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For additional information regarding this permit, please contact  
Doddridge County Floodplain Manager at 304.873.2631, or via email at  
doddridgecountyfpm@gmail.com  
118 East Court Street; West Union, WV 26456

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# Doddridge County, West Virginia

RECEIPT NO: 5490

DATE: 2015/09/24

FROM: POTESTA & ASSOCIATES, INC

AMOUNT: \$ 500.00

FIVE HUNDRED DOLLARS AND 00 CENTS

FOR: #15-383 EQT BLUESTONE CREEK TO HENDERSON  
IMPOUNDMENT WATER LINE

00000013202 FP-BUILDING PERMITS

020-318

TOTAL: \$500.00

MICHAEL HEADLEY

SHERIFF & TREASURER

MEC

CLERK

Customer Copy

15-383



**Engineers and Environmental Consultants**

7012 MacCorkie Avenue, SE, Charleston, WV 25304 - (304) 342-1400 • FAX (304) 343-9031; www.potesta.com

September 21, 2015

Mr. George Eidel  
Doddridge County Floodplain Coordinator  
Doddridge County Commission  
118 East Court Street  
West Union, West Virginia 26456

2015 SEP 24 AM 9:53  
FILED

RE: Floodplain Permit Application  
EQT Production Company  
EQT Bluestone Creek to Henderson Impoundment Water Line  
Doddridge County, West Virginia  
POTESTA Project No. 0101-11-0147-15903

Dear Mr. Eidel:

Potesta & Associates, Inc. (POTESTA) is pleased to submit this cover letter with the associated Floodplain Development Permit Application for the proposed Bluestone Creek to Henderson Impoundment Water Line Project located along Bluestone Creek in West Union Tax District. Based on information presented on the site FIRM (FM54017C0225C), portions of the project are located within the FEMA Flood Zone A. Flood Zone A is the regulatory floodplain associated with the Base Flood (1 percent annual chance flood event), commonly referred to as the 100-year floodplain and indicates that the limits of the floodplain are approximate.

The proposed project will consist of approximately 530 linear feet of temporary water line. Approximately 500 feet is located within the floodplain limits. No excavation or fill will be associated with this project. Work within the floodplain limits will be placement of a portion of temporary water line and an intake manifold.

Included with this letter are the permit application; directions to the site; Erosion and Sediment Control Plan shown on Drawing No. 1, which shows the line location relative to the floodplain; and Flood Insurance Rate Map.

**POTESTA & ASSOCIATES, INC.**

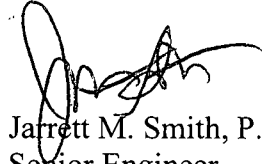
Charleston, West Virginia • Morgantown, West Virginia • Winchester, Virginia • Cambridge, Ohio

Mr. George Eidel  
September 21, 2015  
Page 2

If you have any questions, please feel free to contact me at (304) 342-1400 or [jmsmith@potesta.com](mailto:jmsmith@potesta.com) or Lacoa Corder (EQT) at (304) 848-0061 or [LCorder@eqt.com](mailto:LCorder@eqt.com).

Sincerely,

POTESTA & ASSOCIATES, INC.

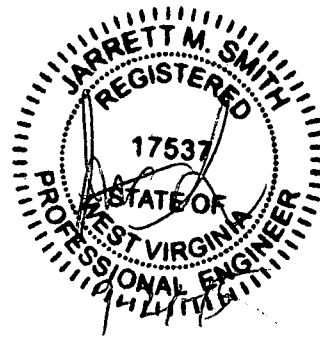


Jarrett M. Smith, P.E.  
Senior Engineer

JMS:JWB/clr

Enclosures

c: Ms. Lacoa Corder- EQT (via email)



**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 \_\_\_\_\_

*Lacoa Corder*

DATE \_\_\_\_\_

*9/14/15*

**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: EQT Production Company, c/o Lacoa Corder

ADDRESS: 120 Professional Place, Bridgeport, WV 26330

TELEPHONE NUMBER: (304) 848-0066

**BUILDER'S NAME:** \_\_\_\_\_

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

**TELEPHONE NUMBER:** \_\_\_\_\_

**ENGINEER'S NAME:** Jarrett M. Smith, PE / Potesta & Associates, Inc.

**ADDRESS:** 7012 MacCorkle Avenue, SE, Charleston, WV 25304

**TELEPHONE NUMBER:** (304) 342-1400

**PROJECT LOCATION:**

**NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)** See attached for project locations and adjacent land owners.

**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 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)
- 

**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 \$ 100,000.00**

**D. ADJACENT AND/OR AFFECTED LANDOWNERS:**



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.

## **BLUE STONE CREEK TO HENDERSON IMPOUNDMENT WATER LINE**

### **ONSITE LANDOWNER**

Mary H. Holland Estate of Mary H. Holland  
225 Watchung Fork  
Westfield, New Jersey 07090  
Parcel Number 8-23-4

### **ADJACENT LANDOWNER**

Mary H. Holland Estate of Mary H. Holland  
225 Watchung Fork  
Westfield, New Jersey 07090  
Parcel Number 8-23-2

### **ADJACENT LANDOWNER**

Justin L. Henderson  
190 Sapphire Lane  
Meadowbrook, West Virginia 26404  
Parcel Number 7-6-1

- (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): Lacoa Corder

SIGNATURE: Lacoa Corder DATE: 9/14/15

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 \_\_\_\_\_

Google Maps Doddridge County Attorney to Bluestone Creek Drive 8.2 miles, 30 min



### Doddridge County Attorney

118 E Court St, West Union, WV 26456

- ↑ 1. Head northeast on Columbia St toward W Main St 269 ft
- ↘ 2. Turn right onto E Main St 0.2 mi
- ↘ 3. Turn right onto WV-18 S 2.5 mi
- ↘ 4. Turn right onto Maxwell Ridge 4.8 mi
- ↘ 5. Sharp right onto Co Rte 13/4/Co Rte 23/2 0.2 mi
- ↘ 6. Turn right 0.5 mi

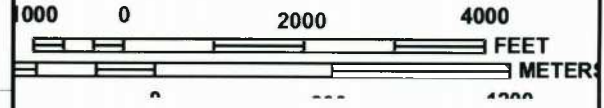
### Bluestone Creek

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.





MAP SCALE 1" = 2000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0225C

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

PANEL 225 OF 325  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DODDRIDGE COUNTY	540024	0225	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.



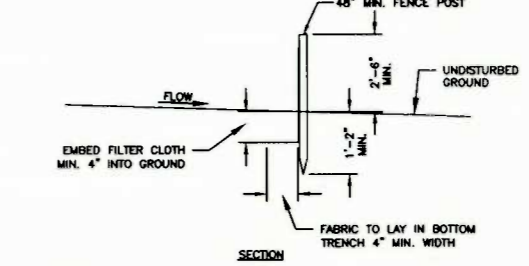
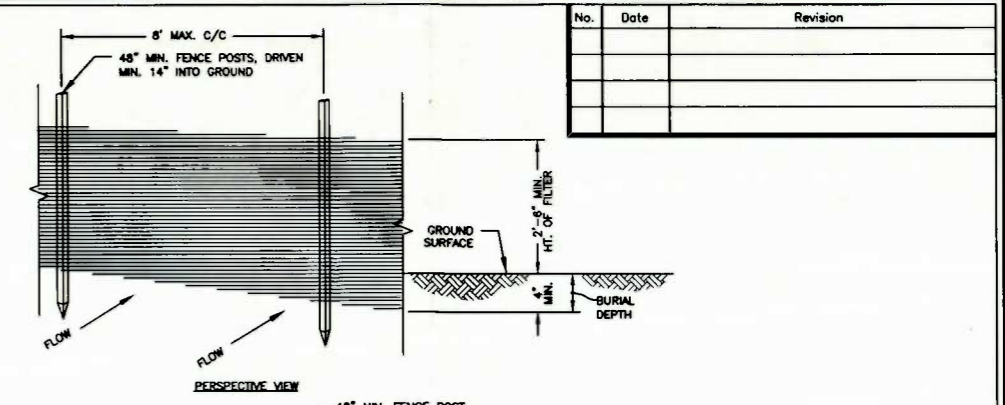
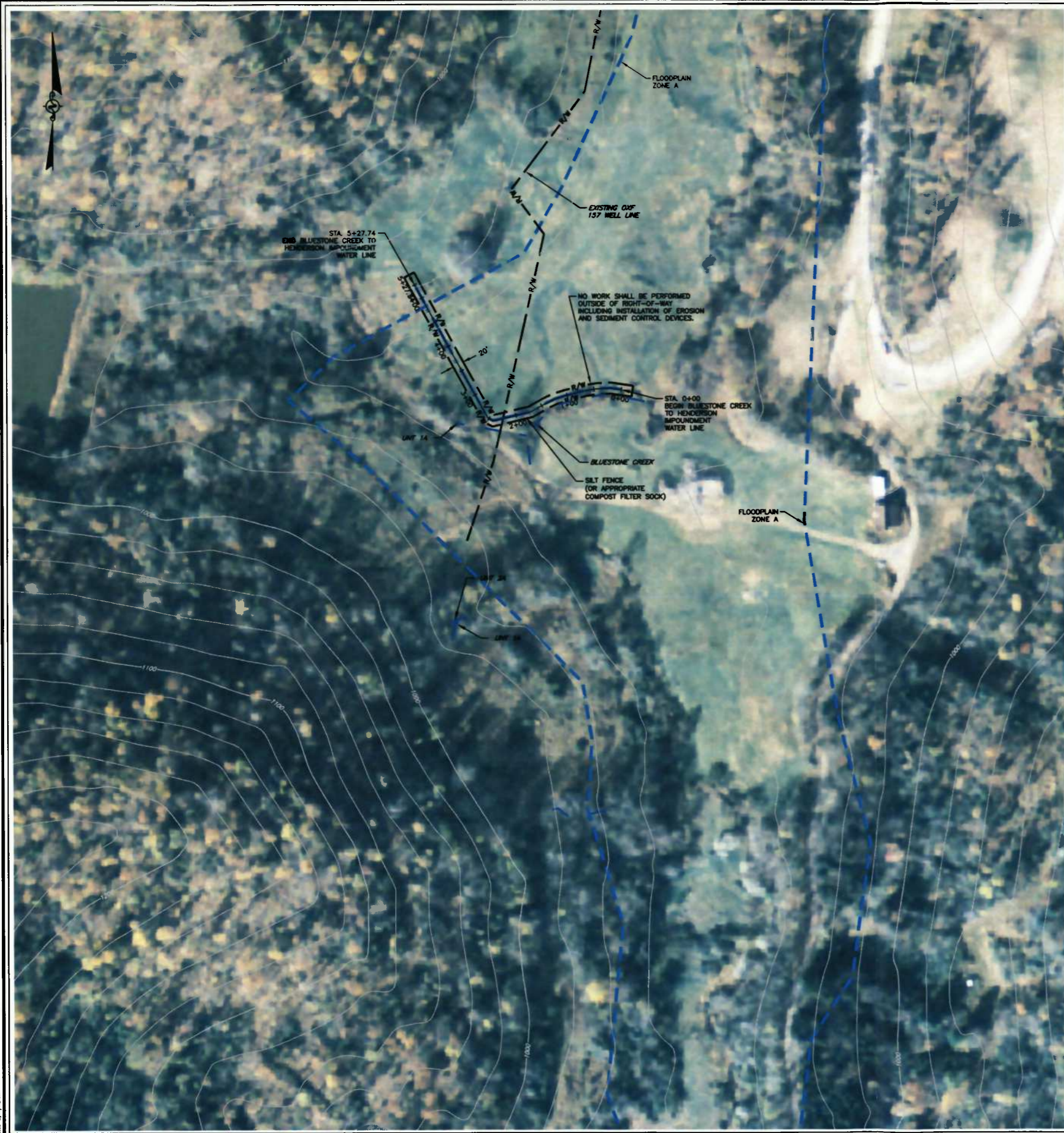
**MAP NUMBER**  
**54017C0225C**  
**MAP REVISED**  
**OCTOBER 4, 2011**

Federal Emergency Management Agency

JOINS PANEL 0230

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](http://www.msc.fema.gov)

DATE: 09/09/2015  
 TIME: 11:00 AM  
 USER: JWB  
 PROJECT: EOT PRODUCTION COMPANY WATER LINE/BLUESTONE CREEK/11-0147-159-100-0000-00-00  
 DRAWING NO: 11-0147-159-100-0000-00-00-00



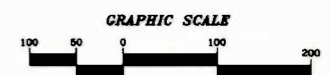
- NOTES:**
1. WHEN TWO SECTIONS OF SILT FENCE JOIN, OVERLAP ACCORDING TO MANUFACTURERS PUBLISHED RECOMMENDATIONS.
  2. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE, OR WHEN HALF OF EXPOSED SILT FENCE IS COVERED WITH SEDIMENT.
  3. POSTS SHALL BE CONSTRUCTED OF STEEL EITHER "T" OR "U" TYPE OR 1.5" HARDWOOD.
  4. FILTER CLOTH SHALL BE "FILTER X", "MIRAFT 100X", "LING GIT 180" OR APPROVED EQUAL.
  5. ALL SILT FENCE SHALL BE CHECKED AFTER ANY SIGNIFICANT RAINFALL (IN EXCESS OF 1/2"). DAMAGED SILT FENCE MUST BE REPAIRED WITHIN 24 HOURS; SOONER, IF ADDITIONAL RAINFALL IS EXPECTED.

**SILT FENCE DETAIL**  
NO SCALE

- NOTES:**
1. BASE MAPPING TAKEN FROM AERIAL PHOTOGRAPHY. THE SCALE OF THE BASE MAPPING IS APPROXIMATE. ACTUAL LOCATIONS OF EXISTING FEATURES MAY VARY.
  2. WEEKLY VISUAL INSPECTION OF THE SEDIMENT CONTROL MEASURES SHALL BE CONDUCTED TO VERIFY THEY ARE FUNCTIONING PROPERLY. SILT FENCE, IF REMOVED TO ALLOW CONSTRUCTION ACTIVITIES, SHALL BE REPLACED AT THE END OF EACH WORK DAY. SEDIMENT STRUCTURES SHALL BE CLEANED ONCE THE STORAGE CAPACITY HAS BEEN REDUCED BY 50%.
  3. THE SITE SHALL BE INSPECTED ON A REGULAR BASIS TO ENSURE INTEGRITY OF GRADED SURFACES, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE DEVICES. THIS INSPECTION SHOULD BE PERFORMED AT A MINIMUM OF ONCE EVERY SEVEN CALENDAR DAYS, AND SHALL OCCUR WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL PER 24-HOUR PERIOD UNTIL THE SITE HAS BEEN STABILIZED. ANY REQUIRED REPAIRS OR MAINTENANCE WILL BE MADE IMMEDIATELY.
  4. DISTURBED AREAS SHALL BE SEEDED AND MULCHED UPON COMPLETION OF GRADING.
    - STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN SEVEN DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED.
    - WHERE THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS CONDITIONS ALLOW.
    - WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 14 DAYS FROM WHEN ACTIVITIES CEASED, (E.G., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY HALTED IS LESS THAN 14 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED.
    - AREAS WHERE THE SEED HAS FAILED TO GERMINATE ADEQUATELY (UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70%) WITHIN 30 DAYS AFTER SEEDING AND MULCHING MUST BE RESEEDING IMMEDIATELY, OR AS SOON AS WEATHER CONDITIONS ALLOW.
  5. EROSION & SEDIMENT CONTROLS SHALL BE INSTALLED IN LOCATIONS DOWN SLOPE FROM THE DISTURBED AREAS AS A FIRST MEASURE OF CONSTRUCTION. SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. DAMAGED, DECOMPOSED OR OTHERWISE INEFFECTIVE SILT FENCE SHALL BE REPLACED. SEDIMENT DEPOSITS SHOULD BE REMOVED AS REQUIRED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF OF THE BARRIER HEIGHT. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER NEEDED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE AND STABILIZED. CONTRACTOR MAY USE COMPOST FILTER SOCKS AS AN ALTERNATIVE TO SILT FENCE.
  6. DEVICES LISTED HEREIN ARE CONSIDERED MINIMUM EROSION AND SEDIMENT CONTROLS. ADDITIONAL CONTROL MEASURES MAY BE NECESSARY DUE TO CONTRACTOR PHASING OR OTHER UNFORESEEN CONDITIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADDITIONAL MEASURES IN ADDITION TO THOSE SHOWN, AS NEEDED, IN ORDER TO CONTROL EROSION AND CONTAIN SEDIMENT ON SITE.
  7. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING PUBLIC ROADS IN A CLEAN, DUST AND MUD FREE CONDITION AT THE SITE.
  8. ALL SUPER SILT FENCE SHALL BE INSTALLED ALONG THE CONTOURS, PERPENDICULAR TO THE FLOW OF WATER. SEE DETAIL ON THIS DRAWING.

ROAD GRADE (%)	DISTANCE BETWEEN WATERBARS (FT.)
1	400
2	250
3	135
10	80
15	65
20	45

**MAPPING REFERENCE:**  
BASE TOPOGRAPHIC MAPPING TAKEN FROM NATIONAL AGRICULTURE IMAGERY PROGRAM (NAIP), DATED OCTOBER 2014. CONTOURS ARE DERIVED FROM 3 METER RESOLUTION DIGITAL ELEVATION MODELS FROM USGS DATED 2003.



No.	Date	Revision

**-DESIGN**  
CAD File No.  
JM  
Drawn  
JWB  
Checked  
JMS  
Approved  
1" = 100'  
Scale:  
SEPT. 2015  
Date:  
11-0147-159  
Project No.

**POTESTA & ASSOCIATES, INC.**  
ENGINEERS AND ENVIRONMENTAL CONSULTANTS  
7015 Macomber Ave. SE, Charleston, WV 25304  
TEL: (800) 342-1400 FAX: (304) 343-9031  
E-Mail: Address: potesta@potesta.com

**POTESTA**  
EOT PRODUCTION COMPANY  
120 PROFESSIONAL PLACE  
BRIDGEPORT, WEST VIRGINIA

Client  
**Title**  
PLAN SHEET EOT BLUESTONE CREEK  
TO HENDERSON IMP. WATER LINE  
EROSION & SEDIMENT CONTROL PLAN  
DODDRIDGE COUNTY, WEST VIRGINIA

**ISSUE DATE 9/9/2015**

Sent to Paper  
10/11/15

## **Doddridge County Floodplain Permit Application (New)**

**Permits applications received September 21, 2015 through September 30, 2015**

**Announced October 6, 2015**

### **Permit Application # 15-382**

EQT Production Company

EQT South Fork of Hughes River at OXF 134 Lease Rd to Henderson Impoundment Water Line

Location: South Fork of Hughes River in Southwest and West Union District

Received: 9/24/2015

Announced: 10/06/15

Publication Date: Week of 10/6/15

20-Day Comment Period Window (from Commission Meeting) 10/26/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Temporary water line

### **Permit Application # 15-383**

EQT Production Company

EQT Bluestone Creek to Henderson Impoundment Water Line

Location: Bluestone creek in West Union District

Received: 9/24/2015

Announced: 10/06/15

Publication Date: Week of 10/6/15

20-Day Comment Period Window (from Commission Meeting) 10/26/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Temporary water line

### **Permit Application # 15-384**

MarkWest Liberty Midstream & Resources, LLC

Sherwood to Momentum Pipeline

Location: In the Middle Ohio North Watershed

FIRM panel #54017C0145C

Received: 09/25/2015

Announced: 10/06/15

Publication Date: Week of 10/6/15

20-Day Comment Period Window (from Commission Meeting) 10/26/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Pipelines and a temporary timber mat bridge for equipment crossing

### **Permit Application # 15-385**

EQT Production Company

EQT South Fork of Hughes River to OXF 153 Waterline

Location: South Fork of Hughes River 39.195906, -80.81805

Received: 10/01/2015

Announced: 10/06/15

Publication Date: Week of 10/6/15

20-Day Comment Period Window (from Commission Meeting) 10/26/2015

90-Day Approval Window (from date of receipt) N/A

Project Description: Temporary water line

# The Doddridge Independent

## The Doddridge Independent PUBLISHER'S CERTIFICATE

I, Michael D. Zorn, Publisher of The Doddridge Independent, A newspaper of general circulation published in the town of West Union, Doddridge County, West Virginia, do hereby certify that:

### Floodplain Permit Application # 15-383


Please take notice that on the 24th day of September, 2015  
**EQT Production Company**  
filed an application for a Floodplain Permit to develop land located at or about:  
**EQT Bluestone Creek to Henderson Impoundment Water Line**

was published in The Doddridge Independent  
2 times commencing on Friday, October 9, 2015 and  
Ending on Friday, October 16, 2015 at the request of:

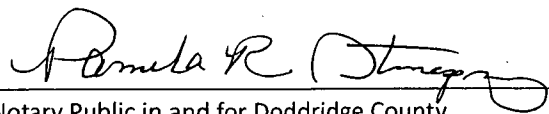
**OES Floodplain Manager, George Eidel,  
Doddridge County Commission**

Given under my hand this Monday, October 19, 2015

The publisher's fee for said publication is:  
**\$ 22.50 1st Run/\$ 16.88 Subsequent Runs**  
**This Legal Ad Total: \$ 39.38**

  
\_\_\_\_\_  
Michael D. Zorn  
Publisher of The Doddridge Independent

Subscribed to and sworn to before me on  
this date: 10/19/15

  
\_\_\_\_\_  
Notary Public in and for Doddridge County

My Commission expires on  
The 17<sup>th</sup> day of May 2019

Doddridge County  
**Floodplain Permit Application # 15-383**  
Please take notice that on the 24th day of September, 2015  
**EQT Production Company**  
filed an application for a Floodplain Permit to develop land located at or about:  
**EQT Bluestone Creek to Henderson Impoundment Water Line**  
Location: Bluestone creek in West Union District  
Received: 9/24/2015  
Announced: 10/06/15  
Publication Date: Week of 10/6/15  
**20-Day Comment Period Window (from Commission Meeting) 10/26/2015**  
**90-Day Approval Window (from date of receipt) N/A**  
Project Description: Temporary water line  
The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. As this project is outside the FEMA identified floodplain of Doddridge County, Doddridge County Floodplain Management has no regulatory authority. Any interested persons who desire to comment shall present the same in writing by August 28, 2015, delivered to:  
Clerk of the County Court  
118 E. Court Street, West Union, WV 26456  
Beth A. Rogers, Doddridge County Clerk  
George Eidel, Doddridge County Flood Plain Manager  
10/9 - 10/16

