

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: #16-417

Date Approved: 04/21/2016

Expires: 04/21/2017

Issued to: EQT PRODUCTION CO.

POC: Lacoa Corder - (304)-848-0061

OXF 160 AST to OXF 127 Water Line

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

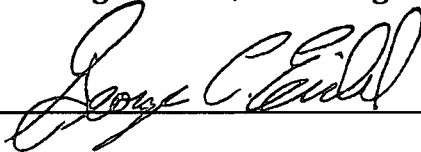
Project Address: South Fork Hughes River

Firm: 225C

Lat/Long:

Purpose of development: Water line

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



Date: 04/21/2016

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.2631, or via email at
doddridgecountyfpm@gmail.com
108 Court Street Ste 1; West Union, WV 26456



Engineers and Environmental Consultants

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

16-417

February 1, 2016

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

RE: Floodplain Permit Application
EQT Production Company
EQT 160 AST to OXF 127 Water Line
Doddridge County, West Virginia
POTESTA Project No. 0101-11-0147-127C

FILED
2016 FEB -3 AM 11:04
BETH A. ROBERTS
COUNTY CLERK
DODDRIDGE COUNTY, WV

Dear Mr. Eidel:

Potesta & Associates, Inc. (POTESTA) is pleased to submit this cover letter with the associated Floodplain Development Permit Application for the proposed 160 AST to OXF 127 Water Line Project located along South Fork Hughes River in Southwest 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 10,495 linear feet of temporary water line. Approximately 1,250 feet is located within the floodplain limits; beginning with Station 44+50 on Sheet 3 and ending with Station 57+00. 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.

Included with this letter are the permit application; directions to the site; Erosion and Sediment Control Plan shown on Drawing Nos. 3 and 4, which shows the line location relative to the floodplain; Flood Insurance Rate Map, and land owner information.

POTESTA & ASSOCIATES, INC.

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

Mr. George Eidel
February 1, 2016
Page 2

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

Sincerely,

POTESTA & ASSOCIATES, INC.



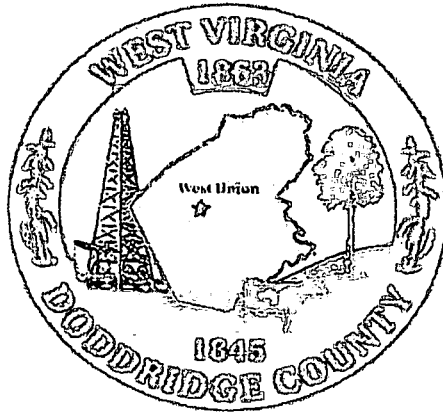
Jarrett M. Smith, P.E.
Senior Engineer

JMS:JWB/clr

Enclosures

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





Permit# _____

Project Name: OXF 160 AST to
OXF 127 Water Line

Permittees Name: _____

Doddridge County, WV

Floodplain Development Permit Application

This document is to be used for projects that impact/potentially impact 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.

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 _____

Lacocca/Orde
2/2/16

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: EQT Production Company		
Corporate Mailing Address: 120 Professional Place		
City: Bridgeport	State: WV	Zip: 26330
Corporate Point of Contact (POC): Lacoa Corder		
Corporate POC Title: Environmental Coordinator		
Corporate POC Primary Phone: (304) 848-0066		
Corporate POC Primary Email: lcorder@eqt.com		
Corporate FEIN: 25-0754685	Corporate DUNS: N/A	
Corporate Website: N/A		
Local Mailing Address: N/A		
City: N/A	State: N/A	Zip: N/A
Local Project Manager (PM): Same as Point of Contact		
Local PM Primary Phone: Same as Point of Contact		
Local PM Secondary Phone: Same as Point of Contact		
Local PM Primary Email: Same as Point of Contact		
Person Filing Application: Jordan Beard		
Applicant Title: Engineer		
Applicant Primary Phone: (304) 342-1400		
Applicant Secondary Phone: N/A		
Applicant Primary Email: jwbeard@potesta.com		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>	<u>STRUCTURAL TYPE</u>
<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 Alteration (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)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: ____ of ____

Site/Property Information:		
Legal Description: Please See Attached		
Physical Address/911 Address:		
Decimal Latitude/Longitude: Begin: 39.181133N, 80.790742W		
DMS Latitude/Longitude: End: 39.199506N, 80.790689W		
District:	Map:	Parcel:
Land Book Description:		
Deed Book Reference:		
Tax Map Reference:		
Existing Buildings/Use of Property:		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? Yes No		Is the development in the floodplain? Yes No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: ____ of ____ See attached for property owners/adjacent landowners.

Property Owner Data:		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Surface Rights Owner Data:		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable):		
Name of Primary Owner (PO):		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: ___ of ___

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: N/A		
C/SC WV License Number:		
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:		
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
Local C/SC POC E-Mail:		

Engineer Firm Information:		
Engineer Firm Name:		
Engineer WV License Number:		
Engineer Firm FEIN:	Engineer Firm DUNS:	
Engineer Firm Primary Point of Contact (POC):		
Engineer Firm Primary POC Title:		
Engineer Firm Mailing Address:		
City:	State:	Zip-Code:
Engineer Firm Office Phone:		
Engineer Firm Primary POC Phone:		
Engineer Firm Primary POC E-Mail:		

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO):		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO):		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO):		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO):		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

**LANDOWNER INFORMATION FOR
OXF 160 AST TO OXF 127 WATER LINE**

LEGAL DESCRIPTION OF PARCEL	PHYSICAL ADDRESS 911 ADDRESS	DECIMAL		LOCATION	DISTRICT	MAP	PARCEL	LAND BOOK DESCRIPTION	DEED BOOK REFERENCE	TAP MAP REFERENCE	EXISTING BUILDING USE OF PROPERTY	PHONE NUMBER
		LATITUDE	LONGITUDE									
LANDOWNERS												
1 AC & RENTED HOUSE SOUTH FORK SOUTH FORK 6600.75 AC	1 L. MORRIS PO BOX 397 GLENVILLE, WV 26354	39.19649	-80.79282	ROUTE 23	7	10	2		230/307		HUNTING	304-462-5741
ADJACENT LANDOWNERS												
5.4 AC SOUTHWEST	CNG TRANSMISSION CORP 625 LIBERTY AV MAIL DROP 18-01 PITTSBURGH, PA 15221	39.20215	-80.83187	ROUTE 23	7	5	7		72/267		COMMERCIAL	UNKNOWN
SOUTH FORK 57 AC 1/2 INT & INT O&G	MAY REVOCABLE TRUST- EXEMPTION TRUST 641 SCOTT ST TOWNSEND, WA 98368	39.17813	-80.75778		7	11	5		248/9		RESIDENTIAL	
SOUTH FORK 57 AC 1/2 INT & INT O&G	SUSAN V DRENNAN 9255 SE WYANDOTTE RD GALENA, KS 66739			ROUTE 23	7	11	5		WB22/75		RESIDENTIAL	620-389-2347

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. **A certified and licensed engineering firm should complete site plans.**

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
6. Location and dimensions of existing or proposed on-site sewage systems.
7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
9. Location and dimensions of any roadway development into floodplain/floodway. *(Includes initial development access roads)*
10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
12. Location of any existing utilities and/or proposed utility placement and/or displacement.
13. Location, dimensions and depth of any existing or proposed fill on site.
14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE:** All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager of designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record at the next scheduled Doddridge County Commission meeting after the date of issuance. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed. A Certificate of Compliance is required upon substantial completion of the project.
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above--described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site--plan submitted and approved by this permit that a "Stop Work" order may be issued by the Wirt County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is resolved.

Applicant Signature: Lacoa Corder Date: 2/2/16
Applicant Printed Name: Lacoa Corder



Doddridge County Magistrate Crt to Upper Run, Pullman, WV 26421

Drive 13.9 miles, 31 min



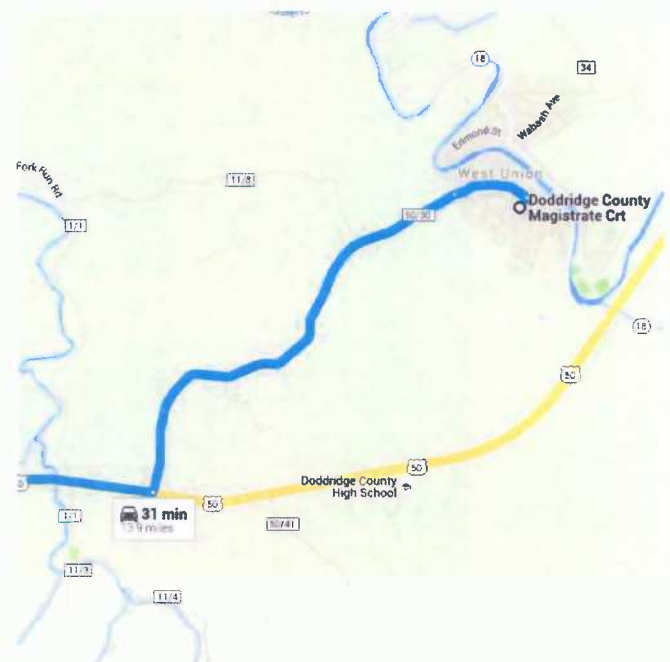
Imagery ©2015 Google, Map data ©2015 Google 1 mi

Doddridge County Magistrate Crt

118 E Court St Rm 104, West Union, WV 26456

Take Old U.S. 50 W to US-50 W

- 5 min (2.4 mi)
- ↑ 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
..... 54 s (0.8 mi)

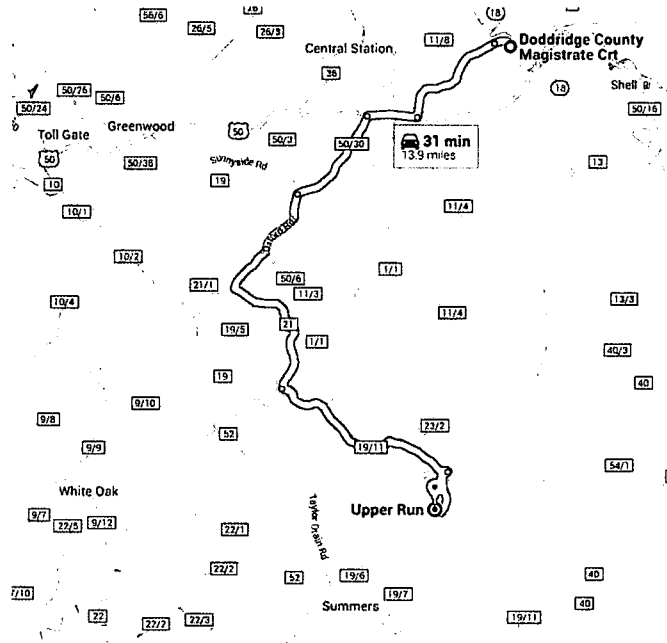
⬅ 5. Turn left onto Old U.S 50 E
..... 4 min (1.9 mi)

Continue on Co Rte 21 to Oak

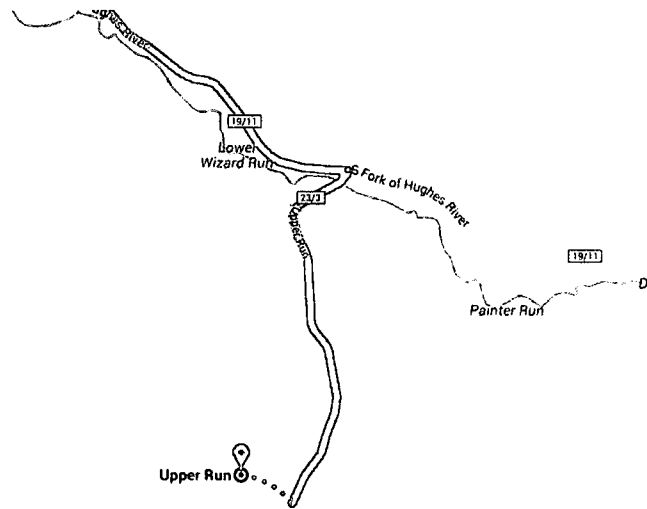
..... 17 min (8.0 mi)

⬅ 6. Turn left onto Co Rte 21/Oxford Rd
Ⓜ Continue to follow Co Rte 21
..... 4.5 mi

⬅ 7. Turn left onto S Fork of Hughes River
..... 3.5 mi



➤ 8. Turn right onto Upper Run
..... 5 min (0.8 mi)

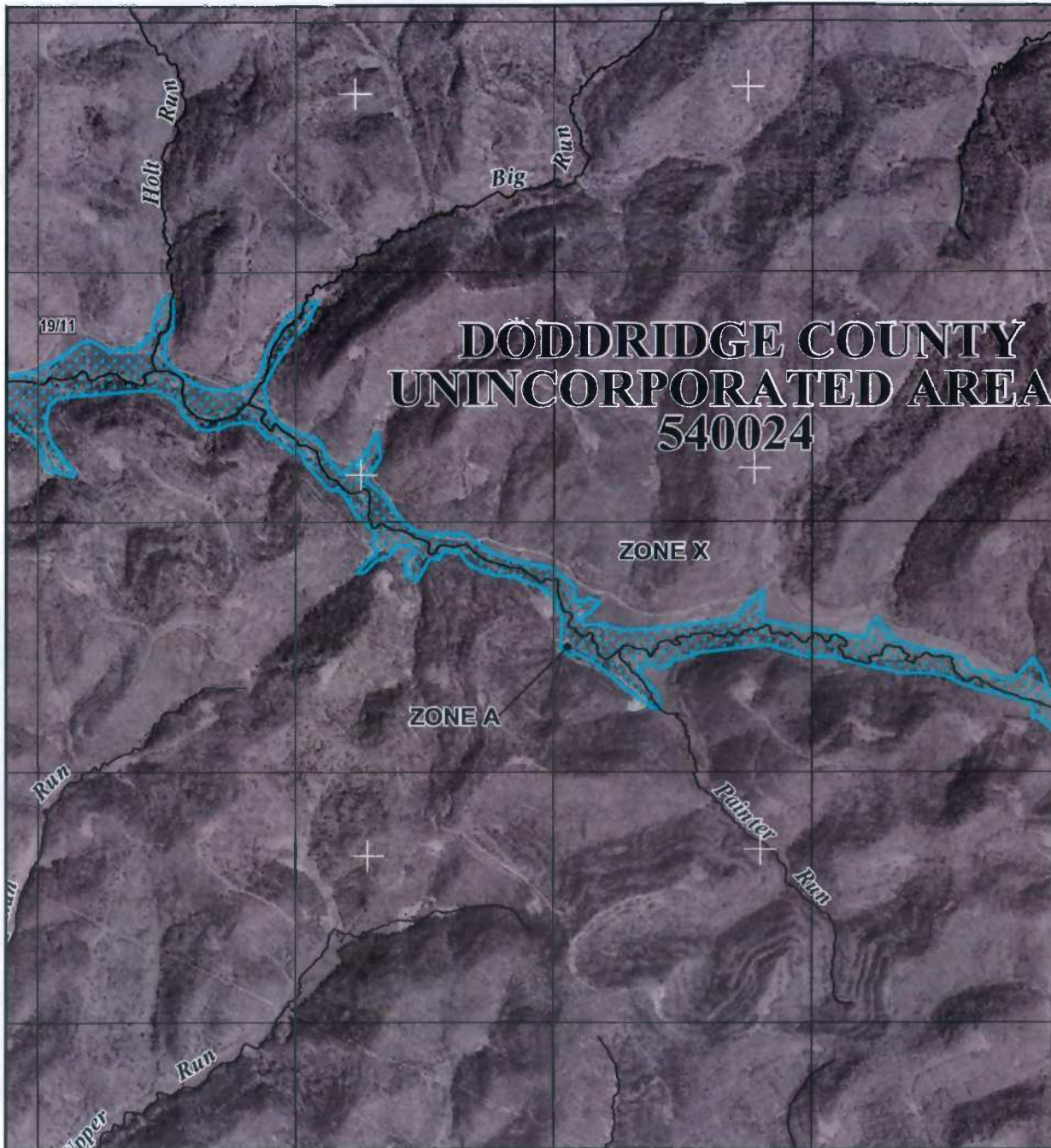


Map

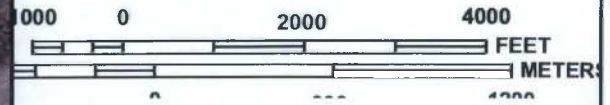
Upper Run

Pullman, WV 26421

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'



NFIP
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

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

MATCHLINE DRAWING NO. 2



MATCHLINE DRAWING NO. 4

No.	Date	Revision

DESIGN
 CAD File No.
 JM
 Drawn
 JWB
 Checked
 JMS
 Approved
 1" = 100'
 Scale:
 JAN. 2016
 Date:
 11-0147.127C
 Project No.

POTESTA & ASSOCIATES, INC.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 7012 MacConaha Ave. SE, Charleston, WV 25304
 TEL: (804) 342-1400 FAX: (804) 342-9051
 E-Mail: potesta@potesta.com



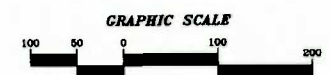
ISSUE DATE 1/13/2016
 Client
 EQT PRODUCTION COMPANY
 120 PROFESSIONAL PLACE
 BRIDGEPORT, WEST VIRGINIA

Title
 PLAN SHEET
 OXF 160 AST TO OXF 127 WATER LINE
 EROSION & SEDIMENT CONTROL PLAN
 DODDRIDGE COUNTY, WEST VIRGINIA

3
 Drawing No.

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 RESEEDED 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 UNFORSEEN 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 SILT FENCE SHALL BE INSTALLED ALONG THE CONTOURS, PERPENDICULAR TO THE FLOW OF WATER. SEE DETAIL ON THIS DRAWING.
9. BASED ON INFORMATION PRESENTED ON THE SITE FIRM, THE PROJECT IS LOCATED WITHIN FEMA FLOOD ZONE A, WHICH IS THE REGULATORY FLOODPLAIN ASSOCIATED WITH THE BASE FLOOD (1 PERCENT ANNUAL CHANCE FLOOD EVENT), COMMONLY REFERRED TO AS THE 100-YEAR FLOODPLAIN. FLOOD ZONE A INDICATES THAT THE LIMITS OF THE FLOODPLAIN ARE APPROXIMATE, AS SUCH, BASE FLOOD ELEVATIONS (BFES) HAVE NOT BEEN PREVIOUSLY ESTABLISHED BY FEMA. ALL WORK ASSOCIATED WITH THE PROPOSED PROJECT WITHIN THE LIMITS OF THE FLOODPLAIN WILL BE IN ACCORDANCE WITH THE FOLLOWING. NO PERMANENT ABOVE GROUND STRUCTURES ARE TO BE CONSTRUCTED WITHIN THE FLOODPLAIN. ANY STABILIZED CONSTRUCTION ENTRANCES TO BE INSTALLED WITHIN THE FLOODPLAIN SHALL BE INSTALLED BY REMOVING EXISTING MATERIAL TO A DEPTH SUITABLE FOR INSTALLING THE ENTRANCES SO THAT THE TOP OF THE GRAVEL SURFACE IS AT ORIGINAL GRADE ELEVATIONS. EXCESS MATERIAL ASSOCIATED WITH THIS ACTIVITY SHALL BE PLACED OUTSIDE OF THE FLOODPLAIN LIMITS. NO FILL SHALL BE PLACED WITHIN THE FLOODPLAIN LIMITS ABOVE ORIGINAL ELEVATIONS. THE PROPOSED WATERLINE WILL BE TEMPORARY AND INSTALLED ON THE SURFACE. IT WILL ALSO BE ANCHORED TO THE GROUND.



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.

Project: OXF 160 AST TO OXF 127 WATER LINE
 Date: 1/13/2016
 Drawn: JWB
 Checked: JMS
 Approved: JMS
 Scale: 1" = 100'
 Date: JAN. 2016
 Project No: 11-0147.127C

MATCHLINE DRAWING NO. 3



MATCHLINE DRAWING NO. 5

No.	Date	Revision

DESIGN
 CAD File No.
 JM
 Drawn
 JWB
 Checked
 JMS
 Approved
 1" = 100'
 Scale:
 JAN. 2016
 Date:
 11-0147.127C
 Project No.

POTESTA & ASSOCIATES, INC.
 ENGINEERS AND ENVIRONMENTAL CONSULTANTS
 7012 Macchella Ave. SE, Charleston, WV 25304
 TEL: (804) 842-1400 FAX: (804) 842-1001
 E-Mail: info@potesta.com



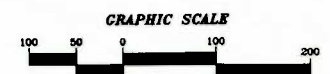
Client
 EQT PRODUCTION COMPANY
 120 PROFESSIONAL PLACE
 BRIDGEPORT, WEST VIRGINIA

Title
 PLAN SHEET
 OXF 160 AST TO OXF 127 WATER LINE
 EROSION & SEDIMENT CONTROL PLAN
 DODDRIDGE COUNTY, WEST VIRGINIA

4
 Drawing No.

NOTES:

- BASE MAPPING TAKEN FROM AERIAL PHOTOGRAPHY. THE SCALE OF THE BASE MAPPING IS APPROXIMATE. ACTUAL LOCATIONS OF EXISTING FEATURES MAY VARY.
- 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%.
- 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.
- 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.
- 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.
- DEVICES LISTED HEREIN ARE CONSIDERED MINIMUM EROSION AND SEDIMENT CONTROLS. ADDITIONAL CONTROL MEASURES MAY BE NECESSARY DUE TO CONTRACTOR PHASING OR OTHER UNFORSEEN 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.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING PUBLIC ROADS IN A CLEAN, DUST AND MUD FREE CONDITION AT THE SITE.
- ALL SILT FENCE SHALL BE INSTALLED ALONG THE CONTOURS, PERPENDICULAR TO THE FLOW OF WATER. SEE DETAIL ON THIS DRAWING.
- BASED ON INFORMATION PRESENTED ON THE SITE FIRM, THE PROJECT IS LOCATED WITHIN FEMA FLOOD ZONE A, WHICH IS THE REGULATORY FLOODPLAIN ASSOCIATED WITH THE BASE FLOOD (1 PERCENT ANNUAL CHANCE FLOOD EVENT), COMMONLY REFERRED TO AS THE 100-YEAR FLOODPLAIN. FLOOD ZONE A INDICATES THAT THE LIMITS OF THE FLOODPLAIN ARE APPROXIMATE, AS SUCH, BASE FLOOD ELEVATIONS (BFES) HAVE NOT BEEN PREVIOUSLY ESTABLISHED BY FEMA. ALL WORK ASSOCIATED WITH THE PROPOSED PROJECT WITHIN THE LIMITS OF THE FLOODPLAIN WILL BE IN ACCORDANCE WITH THE FOLLOWING. NO PERMANENT ABOVE GROUND STRUCTURES ARE TO BE CONSTRUCTED WITHIN THE FLOODPLAIN. ANY STABILIZED CONSTRUCTION ENTRANCES TO BE INSTALLED WITHIN THE FLOODPLAIN SHALL BE INSTALLED BY REMOVING EXISTING MATERIAL TO A DEPTH SUITABLE FOR INSTALLING THE ENTRANCES SO THAT THE TOP OF THE GRAVEL SURFACE IS AT ORIGINAL GRADE ELEVATIONS. EXCESS MATERIAL ASSOCIATED WITH THIS ACTIVITY SHALL BE PLACED OUTSIDE OF THE FLOODPLAIN LIMITS. NO FILL SHALL BE PLACED WITHIN THE FLOODPLAIN LIMITS ABOVE ORIGINAL ELEVATIONS. THE PROPOSED WATERLINE WILL BE TEMPORARY AND INSTALLED ON THE SURFACE, IT WILL ALSO BE ANCHORED TO THE GROUND.



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DATE: 1/13/2016
 DRAWN BY: JWB
 CHECKED BY: JMS
 APPROVED BY: JMS
 PROJECT NO.: 11-0147.127C
 SHEET NO.: 4
 TITLE: OXF 160 AST TO OXF 127 WATER LINE EROSION & SEDIMENT CONTROL PLAN
 CLIENT: EQT PRODUCTION COMPANY
 LOCATION: DODDRIDGE COUNTY, WEST VIRGINIA
 SCALE: 1" = 100'
 DATE: JAN. 2016

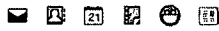
ISSUE DATE 1/13/2016

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uDate.com Single and over 40? Date men in their....

- Today
- miri_beram@yahoo. 10:21 AM [No Subject] If you have a problem you need to...
- Last week
- lhall@retnew.com Mar 17 floodplain #15-409 MOSA So17
- February
- Michael Zorn Feb 29 Flood Plain App Permit Application # 16-416 NOT
 - Michael Zorn Feb 29 flood plain Permit Application #16-415 HEP S
 - Michael Zorn Feb 25 Floodplain permit Permit Application# 16-414 Anter
- January
- JASPERGRIMMETT@ Jan 29 I-9 form
 - jaspergrimmnett@aol Jan 28 I-9 form
 - Michael Zorn Jan 26 flood plain Permit Application # 16-412 EQM
 - Michael Zorn Jan 26 Flood Plain Permit Application # 16-413 NOT
 - Michael Zorn Jan 19 Floodplan Permit Permit Application # 16-410 CON
 - Michael Zorn Jan 4 Candidate Filing Starts COUNTY CLERK ANNOUNCES OFI
- December
- wildchildren3@yahc 12/09/15 [No Subject] Lorena Slater <blslater.4774@yah
 - robert.call@claytonf 12/09/15 Floodplain Dear Robert, The Floodplain tool i
 - Michael Zorn 12/04/15 Flood Permits so far this month Doddridge County Floodplain Per
- November
- Michael Zorn 11/24/15 last two permits for this week Permit Application # 15-404 EQT I
 - Michael Zorn 11/23/15 Floodplain permits as of know Doddridge County Floodplain Per
 - Michael Zorn 11/13/15 floodplain one more Permit Application # 15-399 EQT I
 - Michael Zorn 11/13/15

Flood Plain App

People

Lorena Slater <blslater.4774@yahoo.com> To Michael Zorn

Feb 29 at 10:53 AM

Permit Application # 16-416 NOT IN FLOODPLAIN EQT Production Company EQT South Fork of Hughes River to OXF 127 Water Line Date Announced to Commission - 3/1/2016

Permit Application # 16-417 EQT Production Company EQT 160 AST to OXF 127 Water Line South Fork Hughes River in Southwest District Date Received - 02/03/2016 Date Announced to Commission - 3/1/2016 Publication Date - Week of 3/1/16 Description - Temporary Waterline

Permit Application # 16-418 EQT Production Company EQT WEU 6 to WEU 2 Water Line Bluestone Creek in West Union District Date Received - 02/03/2016 Date Announced to Commission - 3/1/2016 Publication Date - Week of 3/1/16 Description - Temporary Waterline