

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: #21-594

Date Approved: May 10, 2021

Expires: May 10, 2022

Issued to: Mountain Valley Pipeline

POC: Matt Hoover

Company Address: 2200 Energy Drive, 2nd Floor Canonsburg, PA 15317

Project Address: Big Isaac Road at Meathouse Fork Road

Firm: 54017C0260C

Lat/Long: 39.201156N, -80.553387W

Purpose of Development: Permit Renewal (#19-562)

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

Date: May 10, 2021

COPY



DODDRIDGE COUNTY COMMISSION DODDRIDGE CITY OFF OF EM MGMT

2209 0453-5-7-MAAD

HPR 5 21 11 306.



C/O GEORGE EIDEL SUITE 102 101 CHURCH ST. WEST UNION, WV 26456-1194



PAYMENT SUMMARY

VENDOR NO: **VOUCHER NO:** 1055847 0000005716

PY

VOUCHER DATE:

03/23/21

1

REF. DOC.

REFERENCE NUMBER

REF. DATE

DOCUMENT AMOUNT

NET AMOUNT

SELLER INVCE

CKRQST031221EMY003

03/10/21

1,620.00

1,620.00

156939 PERMIT RENEWAL

1,620.00

0.00 1,620.00

TOTALS:

(Detach Here)

MVP, LLC PO BOX 299

CANONSBURG, PA 153

COPY

CHECK DATE CHECK NUMBER 03/23/2021 0000005716

DISCOUNT/ADJ AMOUNT

6.00

PAY...ONE THOUSAND SIX HUNDRED TWENTY

TO THE ORDER OF:

DODDRINGE COUNTY COMMISSION DODDRINGE CITY OFF OF EM MGMT C/O GEORGE EIDEL

SUITE 102 101 CHURCH ST.

WEST UNION, WV 26456-1194

THÉ BANK. NEW YORK MELLON PITTSBURGH, **PENNSYLVANIA**

\$****1,620.00

Janice M. Bunner



FLOODPLAIN PERMIT #21-594

Mountain Valley Pipeline Big Isacc Rd @ Meathouse Fork Rd. Permit Renewal 39.201156, -80.553387

| TASK | COMPLETE (DATE) | NOTES |
|-------------------------|-----------------|-------|
| CHECK RECEIVED | 4/5/2021 | |
| US ARMY CORP. | | |
| ENGINEERS (USACE) | | |
| US FISH & WILDLIFE | | |
| SERVICES (USFWS) | | |
| WV DEPT. NATURAL | | |
| RESOURCES (WVDNR) | | |
| WV DEPT. ENVIROMENTAL | | |
| PROTECTION (WVDEP) | | |
| STATE HISTORIC & | | |
| PRESERVATION OFFICE | | |
| (SHPO) | | |
| OFFICE of LAND & STREAM | | |
| (OLS) | | |
| WVDOH | | |
| Elevation Certificate | | |
| DATE OF COMMISSION | | |
| READING | 4/20/2021 | |
| DATE AVAILABLE TO BE | | |
| GRANTED | 5/10/2021 | |
| PERMIT GRANTED | | |
| COMPLETE | | |



Doddridge County Floodplain Permits

(Week of April 12, 2021)

Please take notice that on the (5th) of (April), 2021, (Mountain Valley Pipeline) filed an application for a Floodplain Permit (#21-594) to develop land located at or about (Big Isaac Rd. at Meathouse Fork Rd.); Coordinates: 39.201154, -80.553387. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance to WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by (May 10, 2021) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 105 Court Street, Suite #3, West Union,

WV 26456, This project is for the renewal of the Mountain Valley Pipeline

GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager



AP- 8 . 2:30PM

March 30, 2021

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

RE: Floodplain Permit Application

> Mountain Valley Pipeline, LLC (MVP) Doddridge County, West Virginia

POTESTA Project No. 0101-16-0259-008C

Dear Mr. Eidel:

Potesta & Associates, Inc. (POTESTA) is pleased to submit this cover letter with the associated Floodplain Development Permit Application for the proposed Mountain Valley Pipeline (MVP) Project. MVP spans from northwestern West Virginia to southern Virginia, with approximately 196 miles in West Virginia and 5 miles being located within Doddridge County.

One floodplain crossing is located in Doddridge County with approximately 250 linear feet of pipeline construction at Station 1837+00. Temporary aboveground construction within floodplain limits include additional temporary work space (ATWS) utilized for stream crossing support, access roads including stone construction entrances, timber mats, and various erosion and sediment control devices (compost filter sock (CFS), silt fence, super silt fence, and erosion matting). Permanent aboveground structures associated with crossings within the floodplain limits will be one service pole associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. It should be noted that the mainline valve site will be placed at the current ground elevation without increasing the current grade. Additionally, construction of permanent roads, temporary roads, or maintenance of existing roads will occur within the floodplain limits. The one crossing is located within the FEMA Flood Zone AE, which 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 determined by detailed methods.

Included within this letter are the following documents: the permit application, directions to the sites, relative construction drawings, and details of temporary or permanent structures within the floodplain limits.

Below is an expanded list of each crossing and its associated temporary and permanent construction activities.

| Page Number | Mile Post | Stationing | Temporary Impacts | Permanent Impacts |
|----------------|--------------|--------------------|--|--|
| 2.52 | 34.8 | 1837+00 to 1839+50 | Timber Mat, Stone Construction Entrance, SSF, ATWS | Ground Bed Rectifier, Access Road, Mainline Valve Site |

If you have any questions, please feel free to contact me at (304) 342-1400 or jmsmith@potesta.com or Matt Hoover (MVP) at (724) 873-3009 or mhoover@equitransmidstream.com.

Sincerely,

POTESTA & ASSOCIATES, INC.

Jarrett M. Smith, P.E. Senior Engineer

JMS:JWB/clr

Enclosures

c:

Mr. Matt Hoover – MVP (via email)



Permit# 21-594

Project Name: Mountain Valley Pipeline

Mountain Valley

6 21 **2:**38Pm

Permittees Name: Pipeline, LLC

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_ | Reduct I Very |
|------------------------|---------------|
| DATE_03 | /31/2021 |

Applicant Information:

Please provide all pertinent data.

| Applicant Information | | | | | | |
|---|---------------------------------|---|------------|--------|--|--|
| Responsible Company Name: | Mountain Valley | Pipeline, LLC | | | | |
| Corporate Mailing Address: | s: 2200 Energy Drive, 2nd Floor | | | | | |
| City: Canonsburg | | State: PA | Zip: 15317 | | | |
| Corporate Point of Contact (POC): Matt Hoover | | | | | | |
| Corporate POC Title: | Senior Envi | ronmental Coord | linator | | | |
| Corporate POC Primary Phon | e: (724) 873-3 | 009 | | | | |
| Corporate POC Primary Emai | l: mhoover@e | quitransmidstrea | am.com | 4,,,,, | | |
| Corporate FEIN: 25-0754 | 685 | Corporate DUN | IS: 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 | | | | |
| | | | · | | | |

Project Narrative:

Describe in detail the proposed development including project name/title, type of development, estimated start and completion timeline, and its potential impact on the floodplain. Use additional copies of this page as needed.

| pipeline construction at Station 1837+00. Temporary aboveground construction within floodplain imits include additional temporary work space (ATWS) utilized for stream crossing support, access roads including stone construction entrances, timber mats and various erosion and sediment control devices (compost filter sock (CFS), silt fence, super silt fence, and erosion matting). Permanent aboveground structures associated with crossings within the floodplain limits will be one service pole associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. It should be noted that the mainline valve site will be placed at the current ground elevation without increasing the current grade. Additionally, construction of permanent roads, temporary roads, or | Project Narrative: |
|--|--|
| cipeline construction at Station 1837+00. Temporary aboveground construction within floodplain imits include additional temporary work space (ATWS) utilized for stream crossing support, access roads including stone construction entrances, timber mats and various erosion and sediment control devices (compost filter sock (CFS), silt fence, super silt fence, and erosion matting). Permanent aboveground structures associated with crossings within the floodplain limits will be one service pole associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. It should be noted that the mainline valve site will be placed at the current ground elevation without increasing the current grade. Additionally, construction of permanent roads, temporary roads, or maintenance of existing roads will occur within the floodplain limits. Estimated construction cost | One floodplain crossing is located in Doddridge County with approximately 250 linear feet of |
| imits include additional temporary work space (ATWS) utilized for stream crossing support, access roads including stone construction entrances, timber mats and various erosion and sediment control devices (compost filter sock (CFS), silt fence, super silt fence, and erosion matting). Permanent aboveground structures associated with crossings within the floodplain limits will be one service pole associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. It should be noted that the mainline valve site will be placed at the current ground elevation without increasing the current grade. Additionally, construction of permanent roads, temporary roads, or maintenance of existing roads will occur within the floodplain limits. Estimated construction cost | |
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| associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. It should be noted that the mainline valve site will be placed at the current ground elevation without ncreasing the current grade. Additionally, construction of permanent roads, temporary roads, or maintenance of existing roads will occur within the floodplain limits. Estimated construction cost | devices (compost filter sock (CFS), silt fence, super silt fence, and erosion matting). Permanent |
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| ncreasing the current grade. Additionally, construction of permanent roads, temporary roads, or maintenance of existing roads will occur within the floodplain limits. Estimated construction cost | associated with the ground bed rectifier systems and mainline valve sites at linear Station 1837+00. |
| maintenance of existing roads will occur within the floodplain limits. Estimated construction cost | It should be noted that the mainline valve site will be placed at the current ground elevation without |
| | increasing the current grade. Additionally, construction of permanent roads, temporary roads, or |
| s \$549,064. | maintenance of existing roads will occur within the floodplain limits. Estimated construction cost |
| | is \$549,064. |
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Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

| | AC | TIVITY | | | | STRUCTU | RAL TYPE | |
|----|-------------|---------|--|----------|----------|-------------------------------|----------------|--|
| [] | New Struct | ture | | | [] | Residential | (1 – 4 Family) | |
| [] | Addition | | | | [] | Residential (more than 4 Fam | | |
| [] | Alteration | | | | 0 | Non-residential (floodproofin | | |
| [] | Relocation | | | | 0 | Combined Use (res. & com.) | | |
| [] | Demolition | 1 | | | [] | Replaceme | • | |
| [] | Manufacti | ured/Mo | bil Home | | | • | | |
| В. | OTHER DE | VELOPI | LMENT ACT | IVITIES: | : | | | |
| | Fill | 0 | Mining | rı | Drilling | X | Pipelining | |
| [] | Grading | | 3 | ., | | | , .b | |
| [] | Excavation | (except | for STRUCTUR | RAL DEVE | ELOPMENT | checked at | pove) | |
| [] | | | tion (including | | | | | |
| [] | | | nents (includin | | | | , | |
| [] | | | dge Construct | | | | | |
| [] | | | ng new expan | | | | | |
| [] | | | Sewer System | | | | | |
| [] | Other (plea | | - | | | | | |
| | | | | | | | | |
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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 | | | | | |
| I and Daniel | ease See Attacl | hed | | | |
| | | | | | |
| Physical Address/911 Add | lress: | | | | |
| | ······· | | | | |
| Decimal Latitude/Longitu | ue: 39.201285, -80.5 | 553387 | | | |
| DMS Latitude/Longitude: | | | | | |
| District: | Мар: | | Parcel: | | |
| Land Book Description: | ····· | | | | |
| | | | | | |
| Deed Book Reference: | | | | | |
| | | | | | |
| Tax Map Reference: | | | | | |
| | | | | | |
| Existing Buildings/Use of F | Property: | | | | |
| | | | | | |
| Floodplain Location Data: | ito he complete | d by Floodplain Manac | | | |
| Community: | Number: | Panel: | Suffix: | | |
| Location (Lat/Long): | | | | | |
| Location (Lat/Long): | | Approximate I | clevation: | | |
| | | Estimated BFE | | | |
| Is the development in the floodway? Is the development in the floodplain? | | | | | |
| Yes No | | Yes | No Zone: | | |
| Notes: | | | | | |
| | | | | | |
| | | | | | |

Mountain Valley provided a non-public list of affected landowners to FERC. FERC requires that this information be filed as privileged to protect the privacy of the landowners. To be consistent with these Property Owner Data: information be interested as privileged to protect the property of the pr

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 Se | e attached for prope | erty owners/adjacent landowners. |
|--|--|----------------------------------|
| Property Owner Data: | | |
| Name of Primary Owner (PO): | | |
| PO Address: | | 40.00 |
| City: | State: | Zip: |
| PO Primary Phone: | | |
| PO Secondary Phone: | | |
| PO Primary Email: | | |
| Surface Rights Owner Data: | | |
| Name of Primary Owner (PO): | | |
| PO Address: | The control of the co | |
| City: | State: | Zip: |
| PO Primary Phone: | | |
| PO Secondary Phone: | | |
| PO Primary Email: | | |
| Mineral Rights Owner Data: (As Applica | hle) | |
| Name of Primary Owner (PO): | | |
| PO Address: | | |
| City: | State: | Zip: |
| PO Primary Phone: | | |
| PO Secondary Phone: | | |
| PO Primary Email: | | |

Contractor Data:

Property Designation: _

of_

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.

| Contractor/Sub-Contractor (C/SC) Info | ormation: | | | | | |
|---|------------|------------|-------|--|--|--|
| 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: | <u> </u> | | | | | |
| 1 10/00 | | | | | | |
| Local C/SC POC Phone: | | | | | | |
| Local C/SC POC E-Mail: | | | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: | | | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: | | | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: | Engineer F | Firm DUNS: | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: | | Firm DUNS: | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: Engineer Firm FEIN: | | Firm DUNS: | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Contac | | Firm DUNS: | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Contact | | Firm DUNS: | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Contact Engineer Firm Primary POC Title: Engineer Firm Mailing Address: | t (POC): | | | | | |
| Local C/SC POC E-Mail: Engineer Firm Information: Engineer Firm Name: Engineer WV License Number: Engineer Firm FEIN: Engineer Firm Primary Point of Contact Engineer Firm Primary POC Title: Engineer Firm Mailing Address: City: | t (POC): | | | | | |

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 | <u> </u> | |
|--|---|------|
| 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: | <u></u> | |
| PO Secondary Phone: | | |
| PO Primary Email: | | |
| | ··· | |
| Adjacent Property Owner Data: Downstream | | |
| Name of Primary Owner (PO): | | |
| Physical Address: | | |
| City: | State: | Zip: |
| PO Primary Phone: | <u></u> | |
| 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: | | |

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 ofdriveways
- 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: | Date: 03/31/2021 |
|--|----------------------------------|
| Applicant Printed Name: Robert J. Cooper. Senior. VP I | Engineering and Construction MVP |

DODDRIDGE COUNTY FLOODPLAIN LANDOWNER INFORMATION MOUNTAIN VALLEY PIPELINE

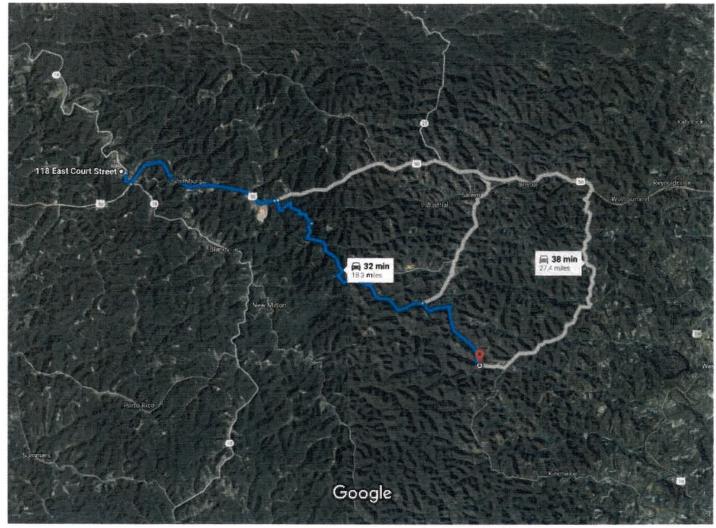
| Owner | Address | Legal Description | Mile Post | District | Мар | Parcel | Deed Book/Page |
|----------------------|--|--------------------------|--------------|----------|-----|--------|-------------------|
| | | Landowners | | | | | |
| Jeffery J Ford | 15 Meadow Lane Bridgeport, WV 26330 | Meathouse 90.74 AC | 34.8 | 04 | 11 | 36 | 281/665 |
| | Ad | ljacent Landowne | r s | | | | |
| Jeffery J Ford | 15 Meadow Lane Bridgeport, WV 26330 | BIG Isaac 1 AC | 34.8 | 04 | 11 | 31 | 281/665 |
| Jeffery J Ford | 15 Meadow Lane Bridgeport, WV 26330 | BIG Isaac 30 AC | 34.8 | 04 | 11 | 35 | WB41/619 |
| Earl Richards (Life) | 544 Independence Road Salem, WV 26426 | 5.36 AC Meathouse | 34.8 | 04 | 11 | 37.7 | 258/200 |
| Earl Richards (Life) | 544 Independence Road Salem, WV 26426 | 2 AC Meathouse | 34.8 | 04 | 11 | 37.6 | 258/194 |
| John R Clowser | 3735 Big Issac Road Salem, WV 26426 | 1.51 AC Meathouse | 34.8 | 04 | 11 | 37.4 | 305/436 |
| John Russel Clowser | PO Box 98 Lost Creek, WV 26385 | 77 PO Two Lots Meathouse | 34.8 | 04 | 11 | 37.2 | 296/700 |
| Brett Cox | 3611 Haigker Road Monroe, NC, 28110 | Meathouse 30.18 AC | 34.8 | 04 | 11 | 37.5 | 316/583 |

Mountain Valley provided a non-public list of affected landowners to FERC. FERC requires that this information be filed as privileged to protect the privacy of the landowners. To be consistent with these FERC requirements, the landowner information has been omitted from this application.



118 E Ct St, West Union, WV 26456 to 39.201285, -80.553387

Drive 18.3 miles, 32 min



Imagery @2017 Google, Map data @2017 Google

118 E Ct St

West Union, WV 26456

Take Railroad St to WV-18 S

| t | 1. | Head northeast on Cross St toward Court St | 1 min (0.2 mi) | |
|------------|----|--|----------------|--|
| I * | 2. | Turn right onto Railroad St | 52 ft | |
| 41 | 3. | Turn left toward WV-18 S | 0.2 mi | |

Take US-50 E, Co Rte 15 and Big Isaac to Meathouse Fork in Oak

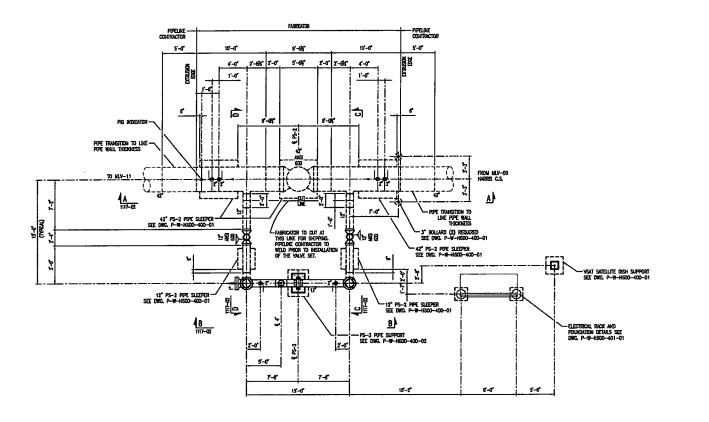
31 min (18.1 mi)

279 ft

| L * | 4. | Turn right onto WV-18 S | |
|------------|-----|---|---------|
| | _ | | 0.5 mi |
| 4 | 5. | Turn left onto US-50 E | 5.6 mi |
| L+ | 6. | Turn right at Co Rte 50/35 | 3.01111 |
| - | | | 0.1 mi |
| † | 7. | Continue onto Blacklick Rd | |
| L | 8. | Turn right onto Co Rte 15/Blacklick Rd/Sherwood-Greenbrier Rd | 2,1 mi |
| 1- | O. | © Continue to follow Co Rte 15 | |
| | | | 6.3 mi |
| Ļ | 9. | Turn right onto Big Isaac | |
| ŧ | 10. | Big Isaac turns left and becomes Meathouse Fork | 3.4 mi |
| • | 10. | Destination will be on the right | |
| | | | 436 ft |

39.201285, -80.553387

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.



PLAN

DESIGN & TEST DATA

DESIGN PRESSURE 1480 PSIG AT 120°F (0.5 DESIGN FACTOR). MAXIMUM HOOP STRESS LEVEL AT 1480 PGG 50 X SHYS, BASED ON 42°, 0.888° WT. X-70 PIPE MACP OF 1450 PSG AT 120°F IS LIBUTED BY ANS 500 COMPONENTS, 42° PIPE, 42° FITTINGS,

MINIMUM TEST PRESSURE 2220 PSES. MAXDRUM TEST PRESSURE 2245 PSES. TEST LIMITED BY ANSI 600 COMPONENTS TEST PERIOD 8 HOURS. SERVICE MATURAL CAS TEST MEDILIN WATER MONDESTRUCTIVE DISPECTION REQUIREMENTS 100% X-RAY, MAS, PARTICLE FILLET WELDS

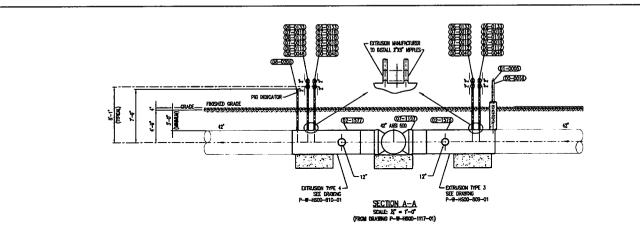
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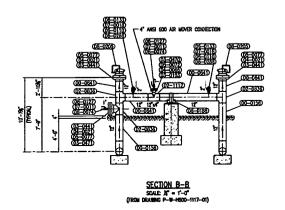
WEBSTER COUNTY, WY Mountain Valley

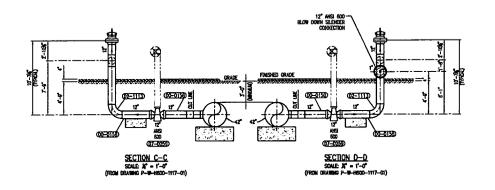
NOTE ANY CHANGES TO THE DESIGN SHOWN ON THIS DRAWNS HUST BE APPROVED BY THE DESIGN ENGINEER.

42" 1480 PSIG ANSI 600 MLV-10 VALVE SETTING INSTALLATION PLAN PW 1117 01 P9

| ė | | | _ | | |
|---|-------------------|---|-----|------------|--|
| 2 | RE | PERSONAL DRAVINGS | HO. | DATE | |
| 1 | DEALYSIG MARKES | DRAMMS TITLE | PB | 04/08/2018 | |
| 7 | P-W-H600-400-01 | PS-2 PIPE SLEEPER AND FOUNDATION DETAILS | | | |
| 3 | P-W-H600-600-02 | PS-3 AND PS-4 PIPE SUPPORT DEVALS | - | | |
| 4 | P-8-H500-401-01 | ELECTRICAL EXAP. RACK & FOUNDATION DETAIL | | | |
| 3 | P-0-(400-1100-12 | MLY-10 WEIE SETTING - PLOT PLAN | | | |
| 2 | | MAN-10 ANY STAND INSTALL CHOM - 2555000 | | | |
| £ | P-85-H900-1117-03 | MLY-10 VRINE SETTING METALLATION - BOM | | | |
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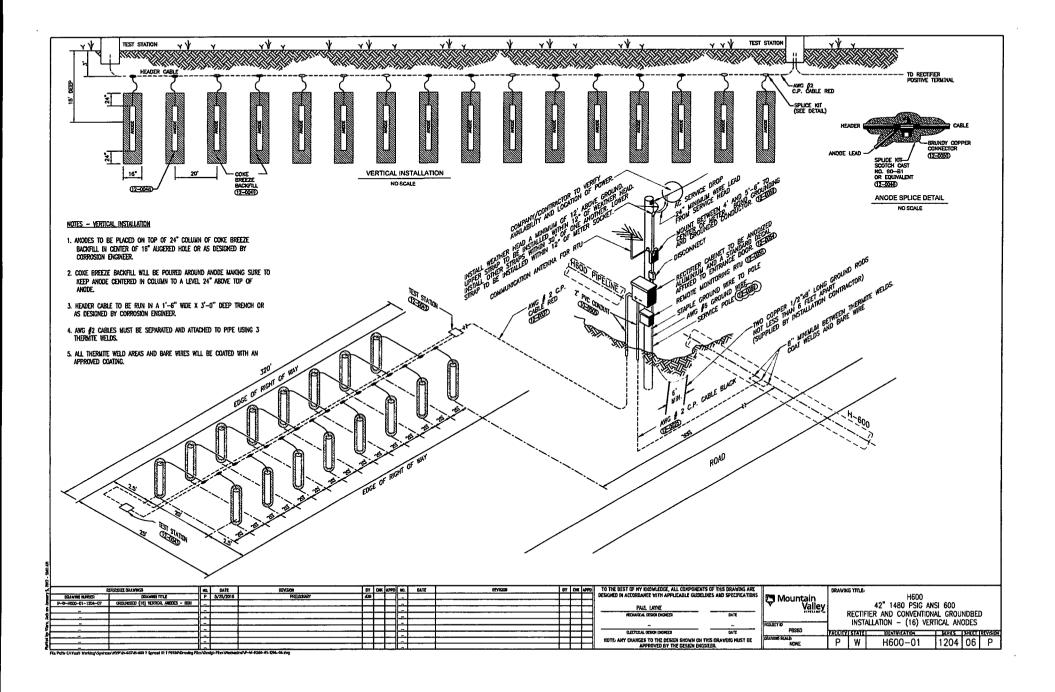


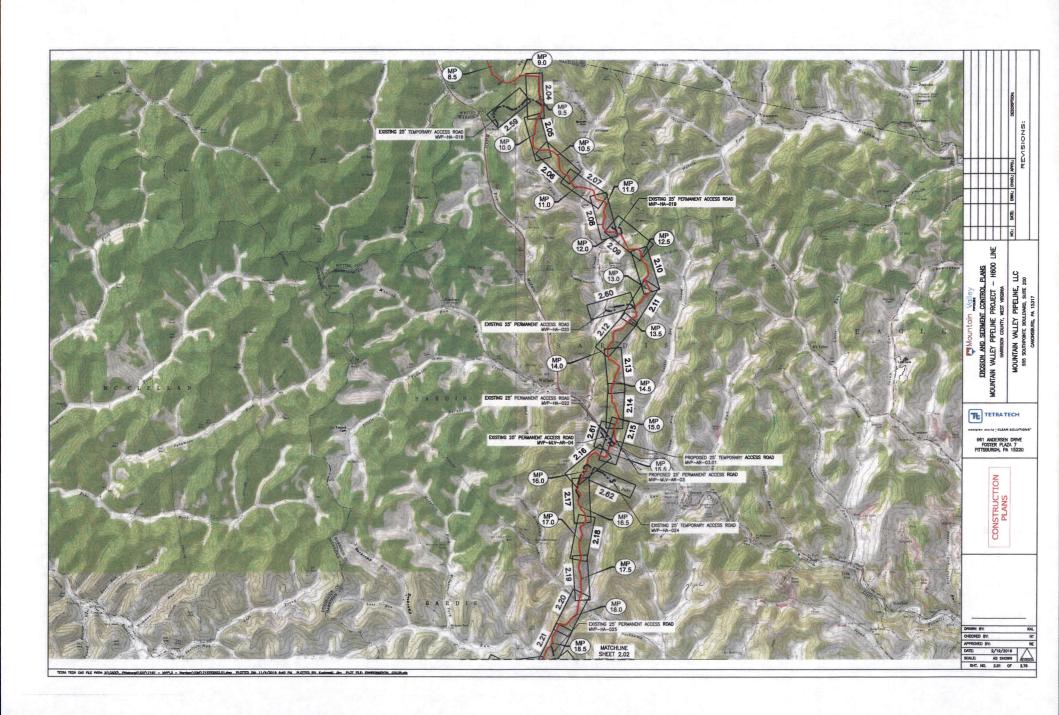


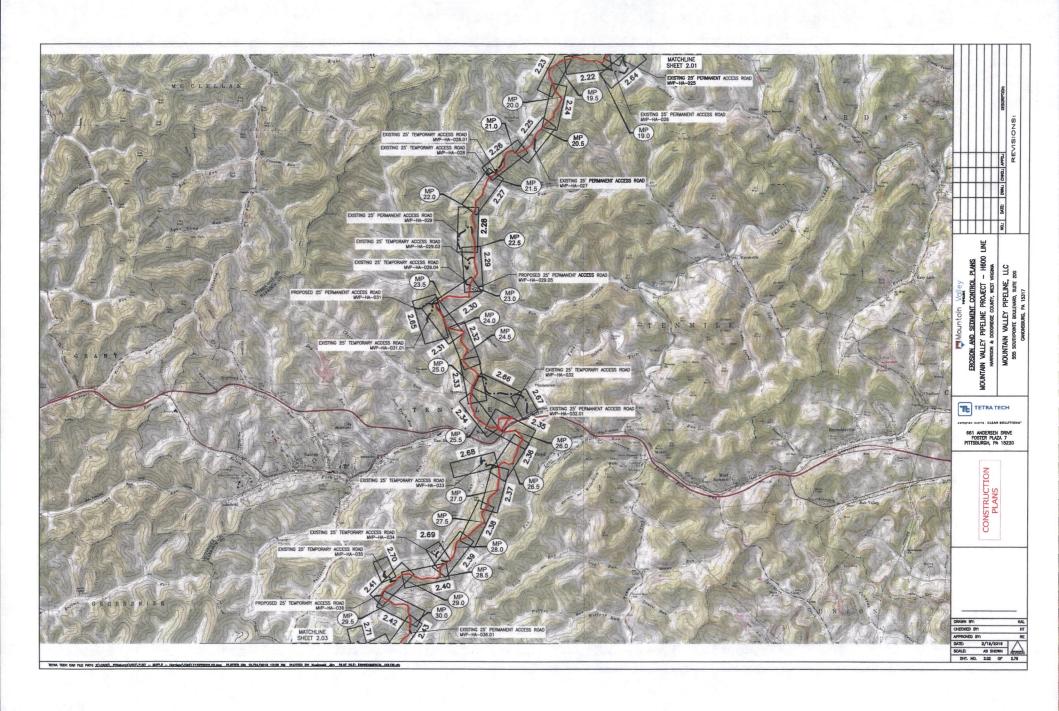


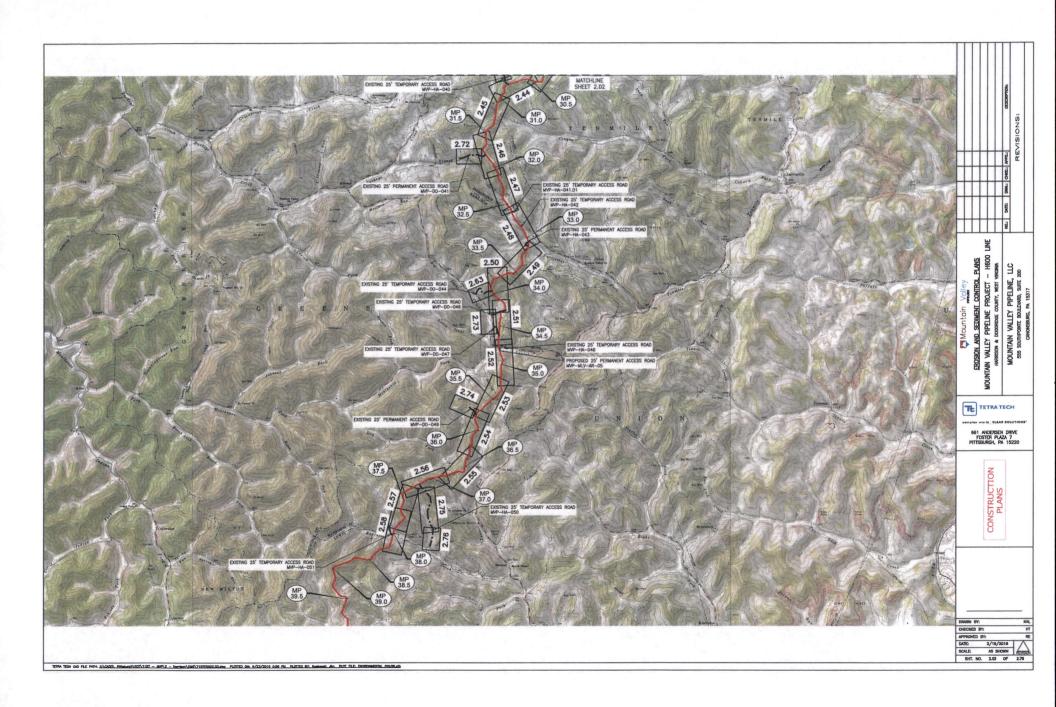
WEBSTER COUNTY, WV

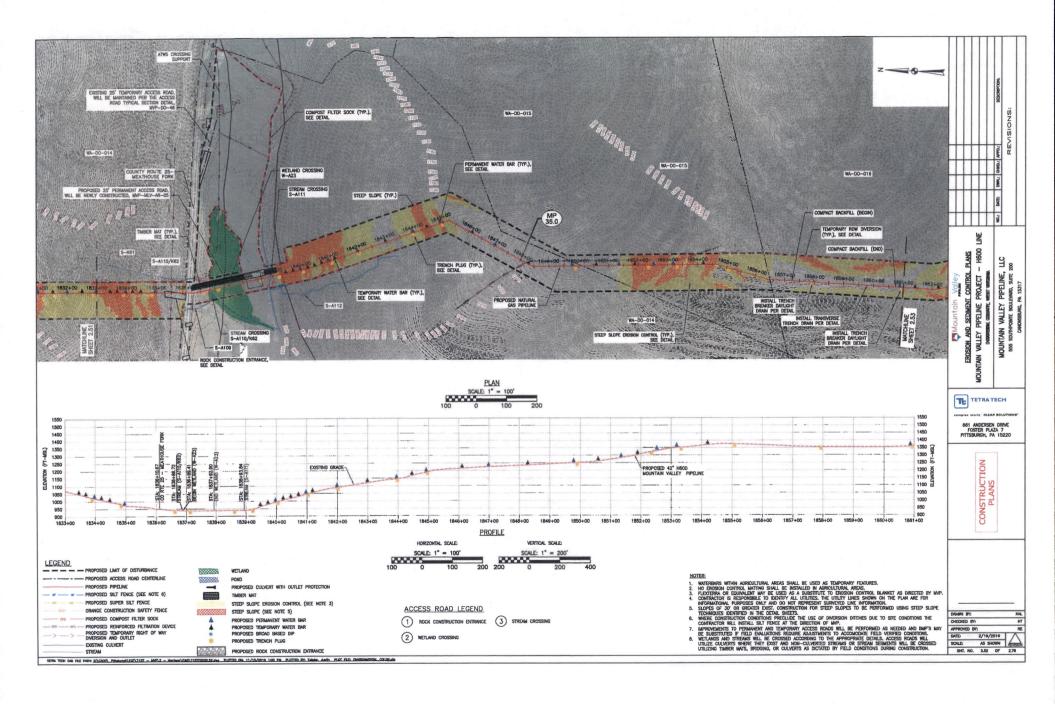
| 2 | EFERNEZ CRAVIGES | * | CATE | | | | | 9 | | DATE | REVESCO | 57 | OR | ATC. | TO THE BEST OF MY IGNOVALEDSE, ALL COMPONENTS OF THIS DRAWING ARE DRAWING TITLE |
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| E SPANNER REPORT | CHEATHRIS TITLE | PØ | 04/08/2015 | ESSUED FOR BID | 4 | Ø | | | | | | L | $oldsymbol{\perp}$ | Ш | TO THE BEST OF AT DOORLESSE, ALL CONCRETENTS OF THIS BUSINGS ARE DESIGNED IN ACCORDANCE WITH APPLICAGE CONCRETES AND SPECIFICATIONS MOUNTain DRAWING TITLE HEGOD AND AND AND AND AND AND AND A |
| P-9-1800-1117-01 | MLII-10 DISTULLATION — PLAN | , | | | | | _ | ــالـــ | _ | | | | | ш | (Valley 42" 1480 PSIG ANSI 600 |
| P-W-H000-1117-03 | MAY-10 RESULTATION - BET OL MALESNER | | | | | | | | | | | ┸ | ┸ | ш | 70/2015 NOTE TO A 1411 TO 1411 |
| F-87-8500-809-01 | ANTAE 251 EXLENSION JANE 2 | _ | | | | | Ι. | ے ا | | | | ┺ | | | MLY-10 VALVE SETTING INSTALLATION |
| P-W-H000-510-01 | WALVE SET EXTRUSION YOF 4 | - | | | | | | ┸╌ | | | | ㅗ | | ш | DITAL SECTIONS |
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| H - | | - | | | | | | ┸╾ | | | | _ | _ | | |
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| & | | -1 | | | | | Ι | 1. | | | I | | | | APPROVED BY THE DESIGN ENGINEER. RUNG. F 17 11000 1117 02 13 |













MOUNTAIN VALLEY PIPELINE, LLC

WVDEP GENERAL WATER POLLUTION
CONTROL PERMIT
EROSION & SEDIMENT CONTROL PLAN

MVP PIPELINE PROJECT
WETZEL COUNTY TO MONROE COUNTY
NOVEMBER 2016



LOCATION MAP

MVP PIPELINE PROJECT

WETZEL COUNTY, WEST VIRGINIA TO MONROE COUNTY, WEST VIRGINIA

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THREE DAYS BEFORE YOU DIG

CALL WV ONE CALL SYSTEM TOLL FREE 811 OR 1-800-245-4848

CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL UTILITIES. THE UTILITY LINES SHOWN ON THE PLAN ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT SURVEYED LINE INFORMATION.

| | | NTROL PLANS | 141 | NECT - HOW LINE | JUNTY, WEST VIRGINIA | | | |
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TETRATECH

661 ANDERSEN DRIVE FOSTER PLAZA 7 PITTSBURGH, PA 15220

CONSTRUCTION
PLANS

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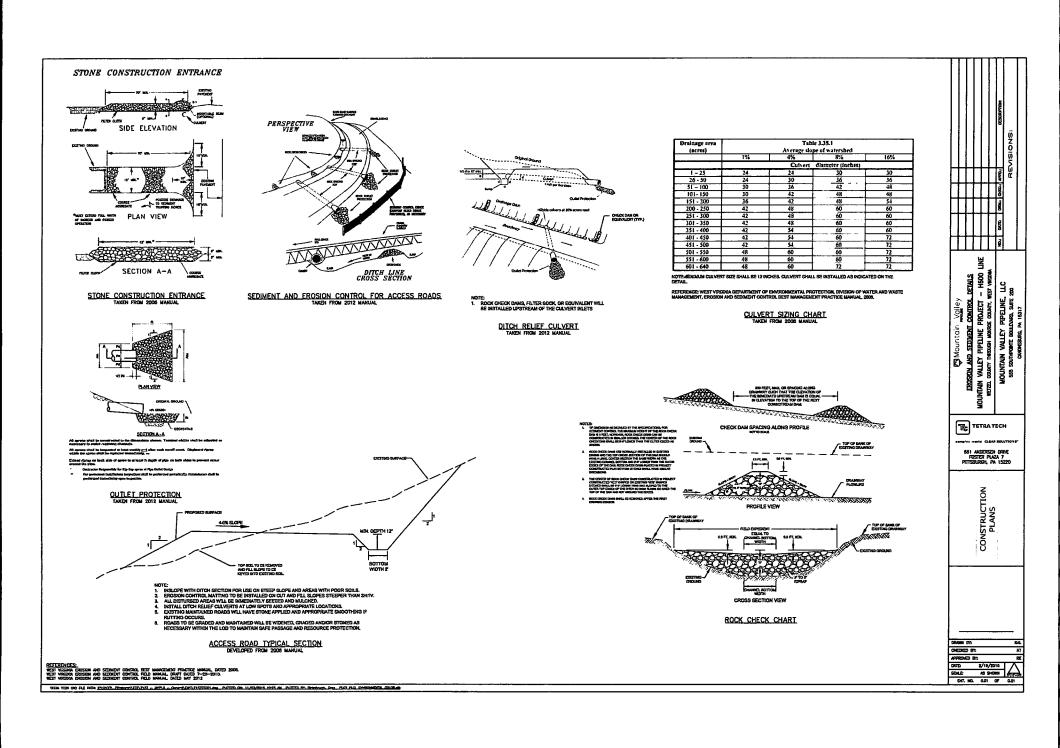
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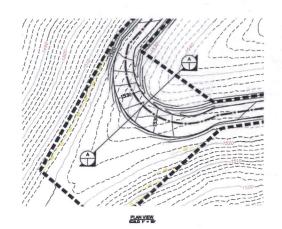
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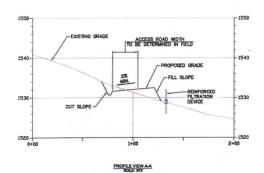
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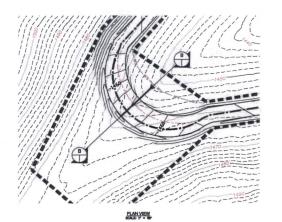


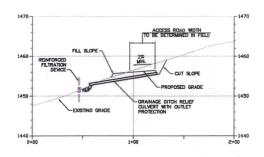


ATWS VEHICLE TURNING RADIUS

NOSE DETAIL

SCALE AS SHOWN





PROPULE VIEW B-8

ATWS VEHICLE TURNING RADIUS
VALLEY DETAIL
SCALE AS SHOWN

NOTES:

L ELEVATIONS ARE FOR ILLUSTRATIVE PURPOSES AND ARE NOT SPECIFIC TO EACH SITE, ACTUAL ELEVATIONS WILL BE DETERMINED IN THE FIELD.

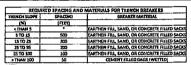
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TETRA TECH

661 ANDERSEN DRIVE FOSTER PLAZA 7 PITTSBURGH, PA 15220

CONSTRUCTION

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notes: Perendy sreakers are required at all stream and waterbody crossings regardless of tel

SLEPPC, UTPGERVISE MOT RECORDED AT SLEPPS 4 5%.

** SINGLE TEEPING BREAKEAS WILL BE A MEXIMOUN WIDTH OF 24" AND DOUBLE TRENI
BREAKERS WILL BE A KENDOUW WHIDTH OF 36".

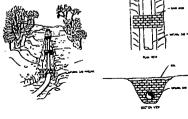
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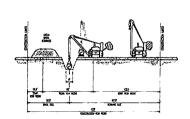


TRENCH BREAKER



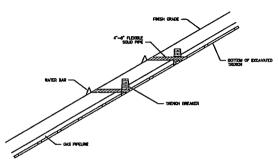


TRENCH PLUG





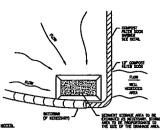
MAINLINE CONSTRUCTION
NON-PARALLEL CONSTRUCTION
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DEVELOPED FROM 2012 FIELD MANUAL



TRENCH DETAIL

MOTE.

4. - C. PERMER SOLD PRICE TO DE PRIMILIO AT TRUNCH BREAKING ON STEEP SLOPES TO DAME.



LEMP FILTER MAY BE USED BY COMMUNICATION WITH WATERBAR (AS DIRECTED BY OWNER REPRESENTATIVE)

2. SUMP FILTER SHALL SE LOCATED ENTERLY WITHIN PROPOSED REGIT OF WAY.

 BMP ENDIALD BE CHECKED WEELLY AND APTER EACH STORMARTER EVENT FOR SEDIMENT ACCUMULATION PROPER OPERATION, AND COMPOST FILTER SOCK INTEGRITY.

4. ADDITIONAL COMPOST FILTER SCIONS MAY SE NECESSARY BEYOND WHAT IS SHOWN ON DETAIL TO MEET

TOTAL A-A COMMENT OF THE PERSON OF THE PERSO

NOTE.

PERMANENT BATTERARS ARE RECLIRED
AT ALL STREAM, GIVER, AND OTHER
BATTOR-GOTO CROSSINGS AS WELL AS
LIPELOPE FROM REMOVEMY AND
REMOVED BY SERVICE STREAM.

). Bars shall be dispected wedly (dally on active roads) and after each rinoff event. Dahazed or excode waterbars sh Stored to crookal dreigische wider 14 hours of respection

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lapp filters to de octalled at 1940 of Waterbards. Refer to slapp filter détail on saiet 2 for ligre détai Utilit protiction/odapost filter sook skould de octalled at die outlet of all waterbars.

TYPICAL SUMP FILTER

WATERBAR INSTALLATION DETAIL

PERFICES.

1 WISSAN ENGINEER OF SECURIERY CONTROL SIZE MANAGED FOR PRACTICE MANAGE, OUTD 22 VIOLENCE PROCESSOR AND SECURIERY CONTROL SIZE MANAGED FOR PRACTICE MANAGE, OUTD 27-29-2010.

1 WISSAN DUSSESS AND SECURITY CONTROL PRED MANAGE, OUTD MAY 2019

1 MILE SECURITY OF THE SECURITY CONTROL PRED MANAGE, OUTD MAY 2019

1 MILE SECURITY OF THE SECURITY CONTROL PRED MANAGE, OUTD MAY 2019

1 MILE SECURITY OF THE SECURITY CONTROL PRED MANAGE, OUTD MAY 2019

DRAWN BY: KOL

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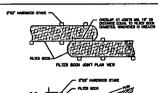
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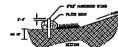
DATE: 2/19/2016
SOULD AS SHOWN

TETRA TECH

681 ANDERSEN DRIVE FOSTER PLAZA 7 PITTSBURGH, PA 15220

CONSTRUCTION





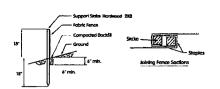
- . MATIGUALS COMPOST USED FOR FLUTR SOCIOL GHALL GE MEED, PATHODON, AND RESELT FREE AND FREE OF ANY SURVISE, CONTAMBANTS OR CHIEF AND FREE OF ANY PLANT GROWN. THEY SHALL BE DESINED FROM A FELL-COLOMPOSED SOLICE OF ORGANO MATER AND
- 2. FILTER SCORES SHALL RE 3 TO 3 ML CONTINUOUS TUBLIAN HOPE & ROCHES HOTTION MISS HISTORION MATERIAL, FALED WITH COMPOST PASSING THE ABOVE SPECIFICATIONS FOR COMPOST PRODUCTS.
- FILTER SOOKS WILL BE FLACED ON A LEVEL LINE ACROSS SLOPER, COMERCILLY PARKELLE TO THE BASE OF THE SLOPE OF THICH AFFECTO AREA. ON SLOPES APPROXIMENT OF ACCOUNT SOOKS SHALL BE PROMISED AT DIE TOP AND AS SHEEDED MED-BAPE.
- AT DIE TOP AND AS RELIED IND-GLOPE.

 4. STAKES SHALL SE RESTALLED EVERY 5 PT FOR THE DITERS.
 LENGTH OF DIE FILTER SOOK AND WEIGHT 1 FT OF EACH
- A. MOREFACTERETTS EPECIFICATIONS ARE TO BE FOLLOWED WHOLE ADDISORUTED SOOK EXTREMITE. PLAN VEW ABONE
- FLIER SOOKS INTENDED TO SELEPT AS A PERMANENT FLIER OF PART OF THE INSTITUTE LANDSCAPE, SHALL SE SEEDED AT THE THE OF INSTALLATION FOR ESTABLISHED OF PURLAMENT VEGETATION.
- ROUTHIELY INSPECT FILTER SOCIOS AFTER EACH SIGNERCA RAIS, MARTINESIG FILTER SOCIOS IN A REPOTICIAL CONDITION AT ALL TIMES.
- B. REMOVE SEEMEDITS COLLECTED AT THE BASE OF THE FILTER SOCKS WHEN THEY REACH 1/2 OF THE EXPOSED HEIGHT OF THE PRACTICE.
- MODES THE FILTER SCORE DETERMINATES ON FAILS, IT WILL BE REPARKED ON REPLACED WITH A MORE EFFECTIVE. ALTERNATIVE.
- IO, REMOVAL FILTER SOOKS WILL BE DESPENSED ON STE WHEN HE LENGER RECEIRED IN SUCH A WAY AS TO

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| • | | 73 | 10 | 100 | 123 | | | | | | |
| 43 | 6 | 80 | ₩ | 50 | 130 | | | | | | |
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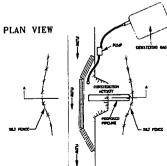
XIMUM SLOPE LENGTH ABOVE COMPOST FILTER

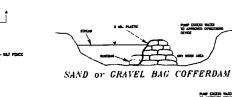
COMPOST FILTER SOCK

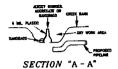


SILT FENCE

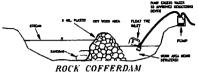
COFFERDAM CROSSING







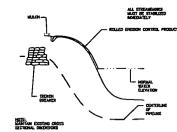
STREAM BANK STABILIZATION W/ RIP RAP



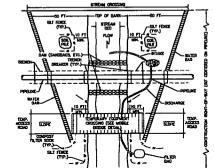
COFFERDAMS

JERSEY BARRIER COFFERDAM

COFFERDAM STREAM CROSSING



STREAM BANK STABILIZATION W/R.E.C.P.
DEVELOPED FROM 2008 MANUAL

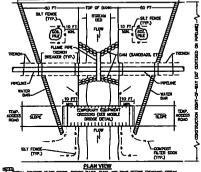


PLAN VIEW

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TYPICAL STREAM CROSSING PUMP DIVERSION



FLUME PIPE DIVERSION

REFERENCES.

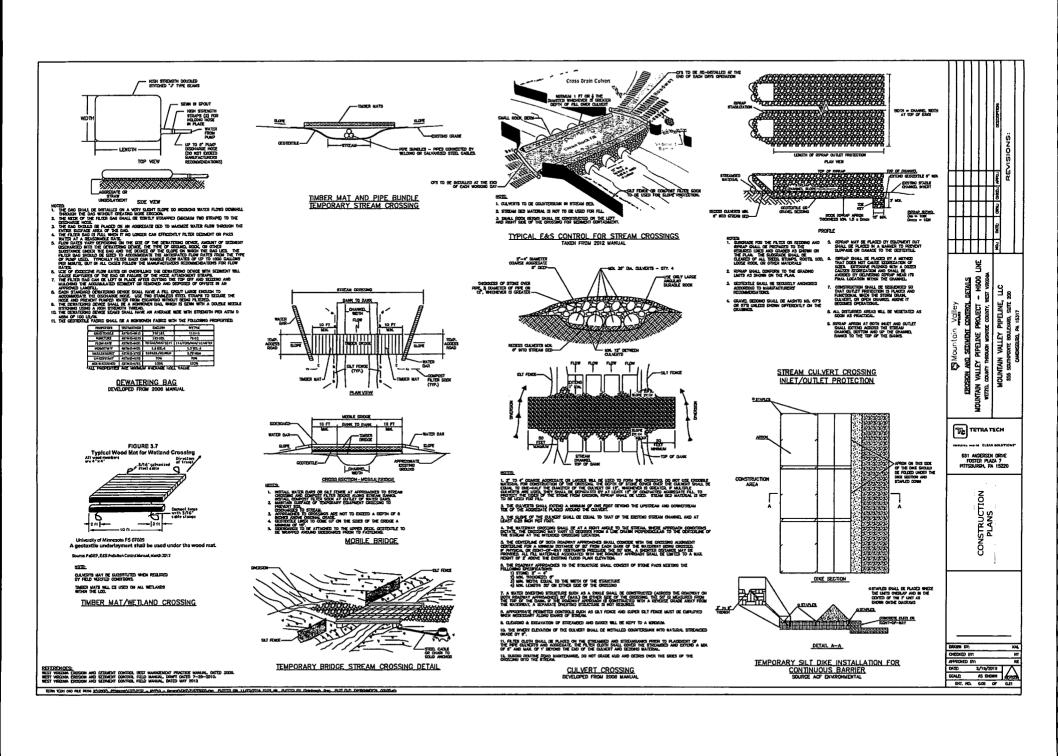
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BEST VIRGINA EXISSIA AND SEDIMENT CONTROL BEST MANAGEMENT PROCTEC MANUAL, OUTD 200
BEST VIRGINA EXISSIA AND SEDIMENT CONTROL FILLD MANUAL, OWET DUTTO 7—28—4010.

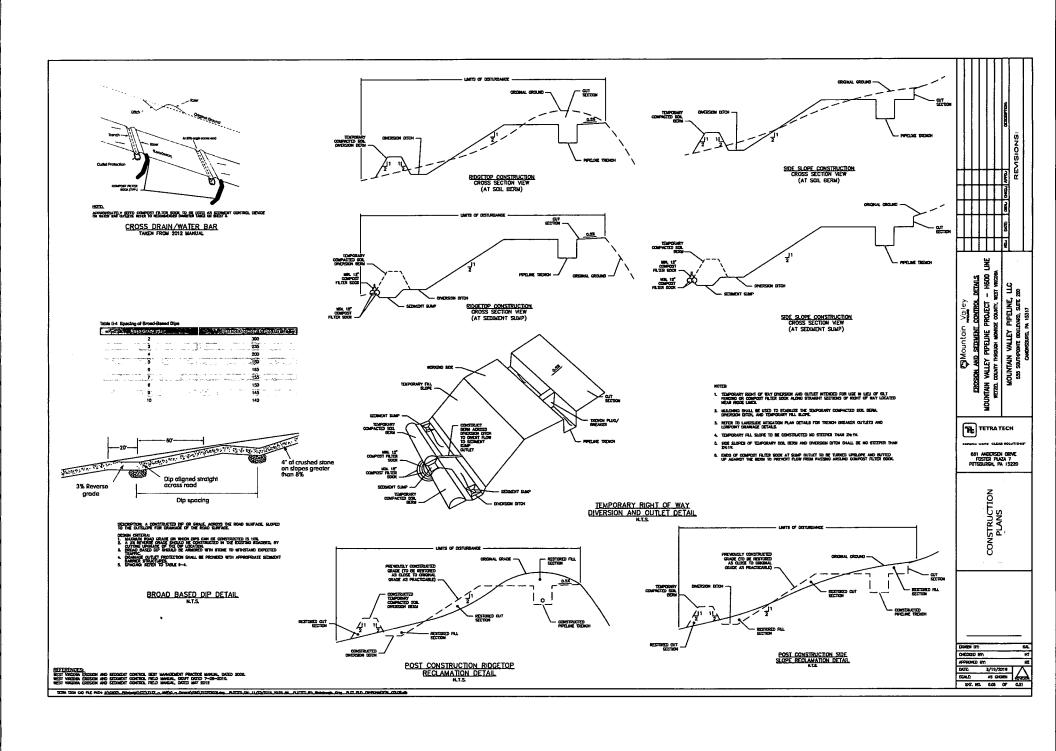
TETRA TECH

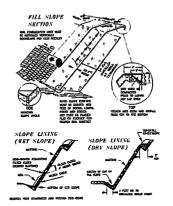
661 ANDERSEN DRIVE FOSTER PLAZA 7 PRITSBURGH, PA 15220

> CONSTRUCTION PLANS

ect violen edesse and street order, foll sever, derf erte 7-75-5015. But violen edesse and street order, foll sever, derf erte 7-75-5015. But violen ert fol school followers, derf en sever 2-75-5015.







EROSION CONTROL FABRIC BLANKETING FOR PROTECTION ON STEEP SLOPES TAKEN FROM 2006 MARIUAL



NUTTER

A GONDED FORM MATINI, (EMP) IS AM EFFECTIVE, METHOD OF STABLIZING STEEP GLOPEJ WHEN LEGEL PROSPERY. SIAMS MAIR CUTS OF A CROSSLAWING INTERCOLLED TACKETER TO SIGHT FREMALLY PROSPERSED WOOD FEETS, AMPLICATION ARTISS WAY ACCORDING TO SITE CONSTRUCT, FOR GLOPEJUP TO SHAVI THE SHA SHOULD SE APPLIED AT A RATE OF LOOD SHAVE, STEEPTS SIGHTS MAIN TESTADIA JACK SA GODILED GROES OF LOOD SHAVE, STEEPTS SIGHTS MAIN TESTADIA JACK SA GODILED GROES.

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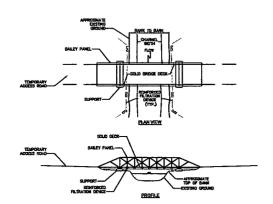
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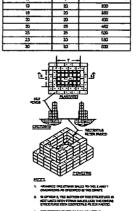
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STEEP SLOPE EROSION CONTROL OPTIONS



MODULAR TEMPORARY BAILEY BRIDGE



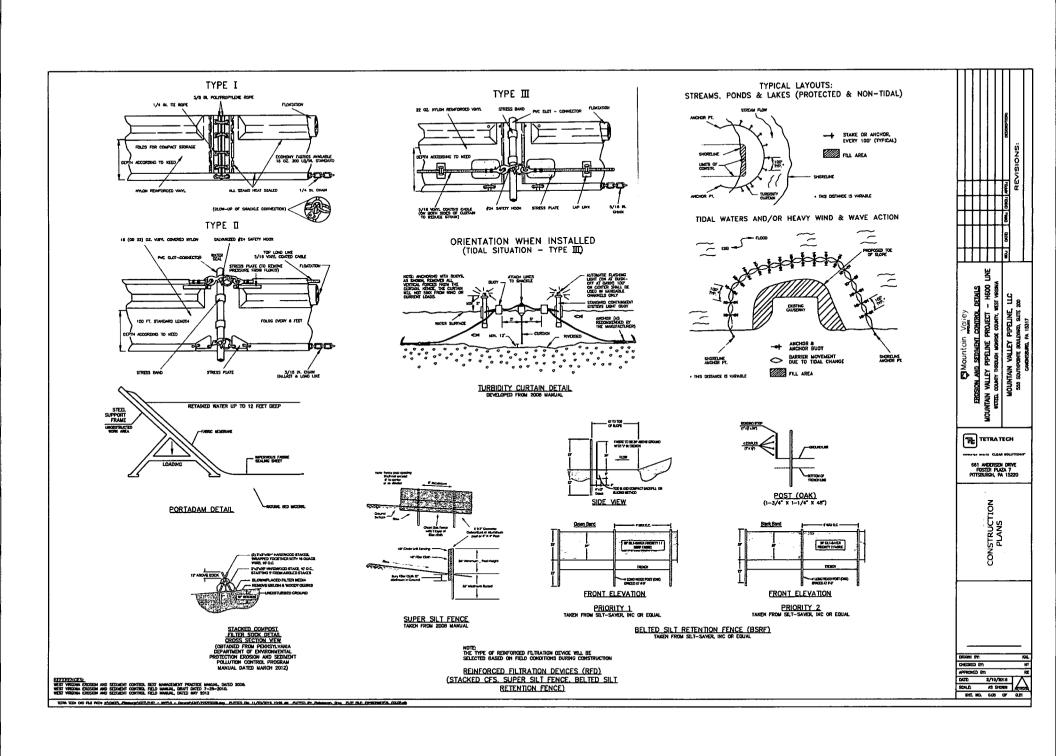
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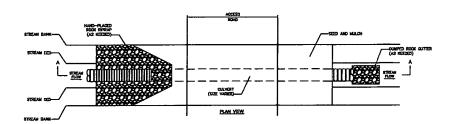
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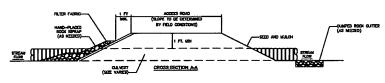
TYPICAL BALE DEWATERING STRUCTURE

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| Manufain Valies | A MARIAN | EROSION AND SEDIMENT CONTROL DETAILS | MAINTAIN VALLEY GOD INE CONTENT - USAN LINE | שיטוויאון אינידין נון בדוער בירעיבען ייי חסטן נוונר | WEIGEL COUNTY IMPOUNDE BOWER, COUNTY, MEST VIRGINIA | MOLINTAIN VALLEY DIDELINE 11.0 | SSS SOUTHFORME BOULEVIER, SLIFE 200 | CANDASSURO, PA 15317 | |
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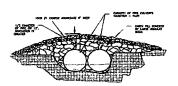




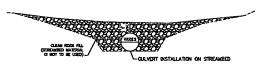


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TYPICAL ROAD CROSS-SECTION
AT STREAM CROSSING



TEMPORARY CULVERT CROSSING
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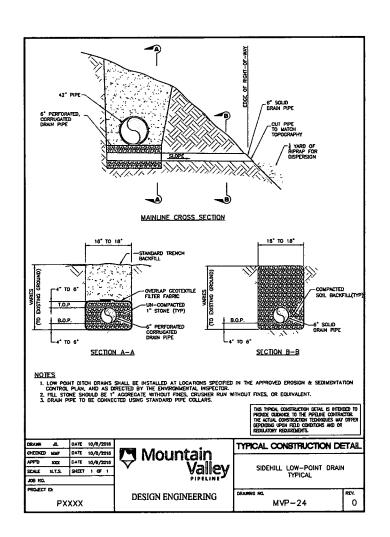


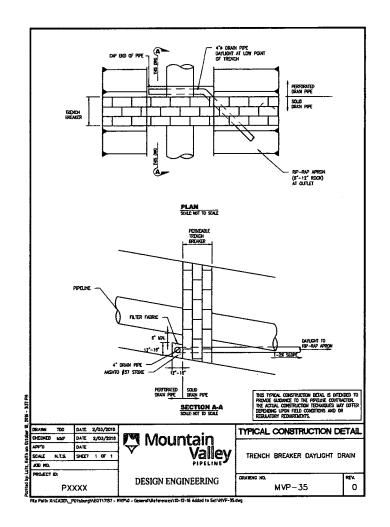
TYPICAL STREAM CROSSING PROFILE - SINGLE CULVERT

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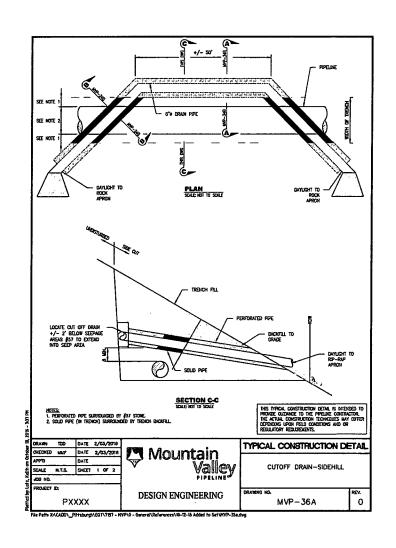
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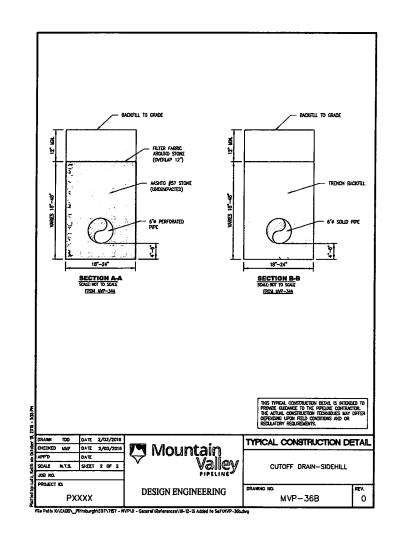
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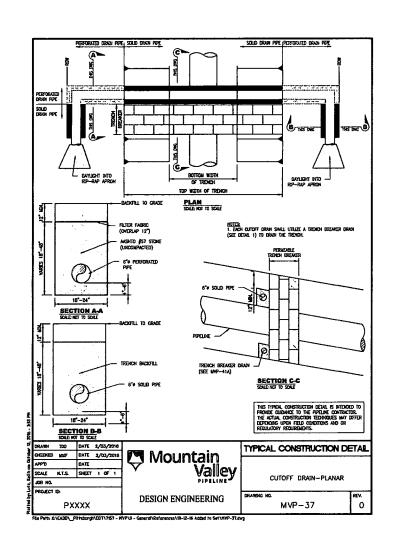
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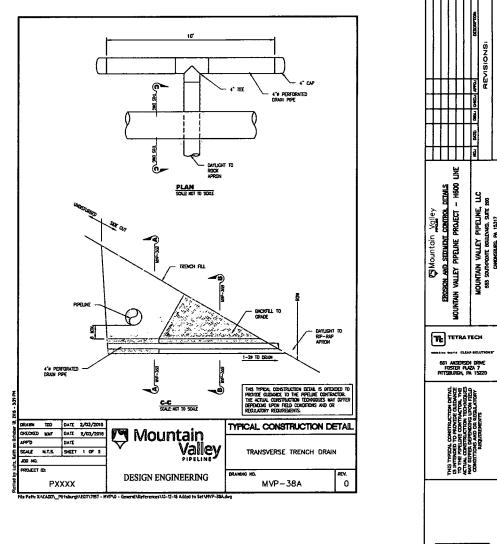
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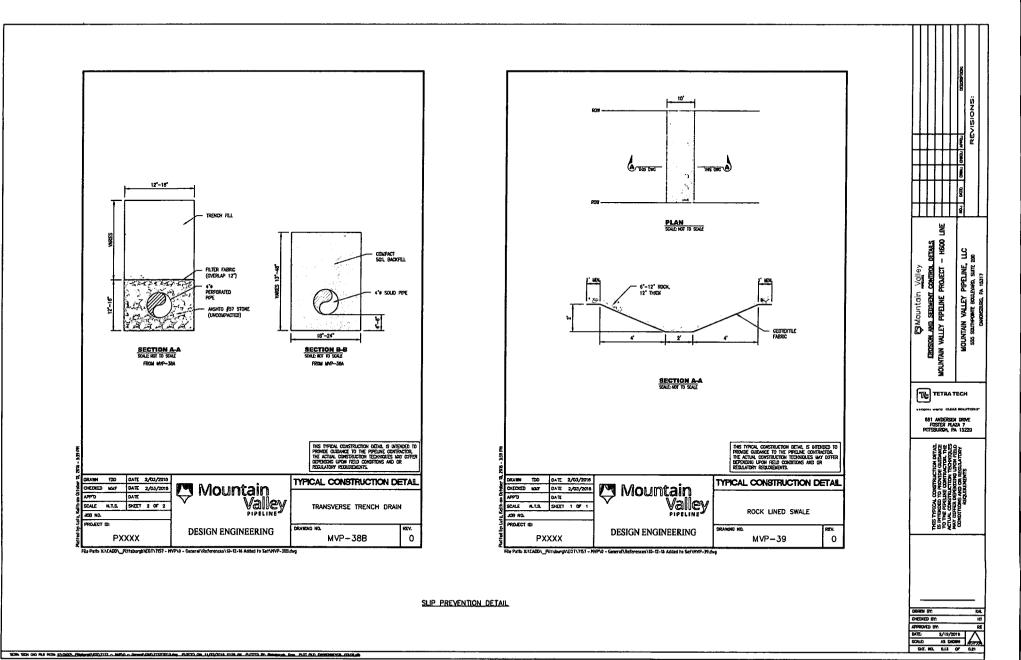
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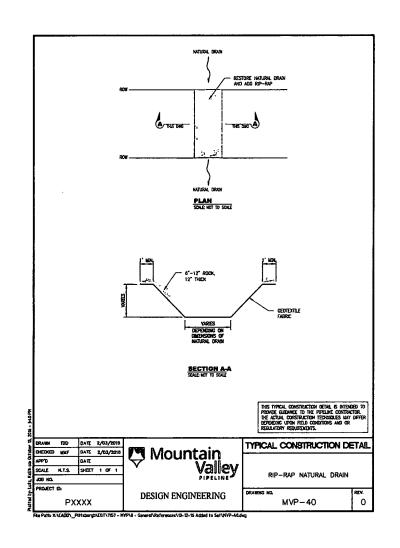




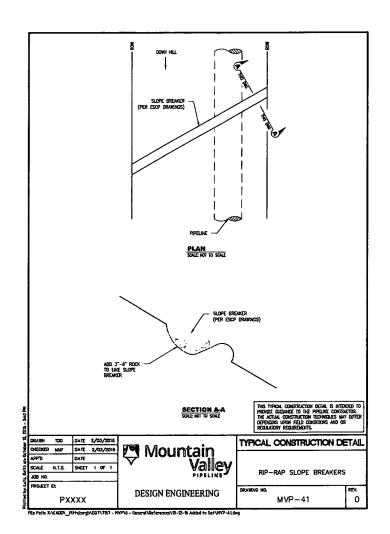
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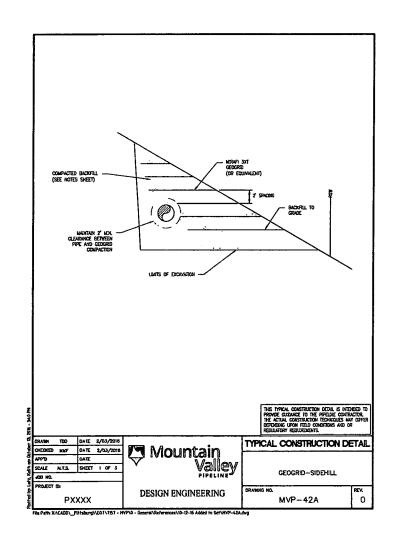
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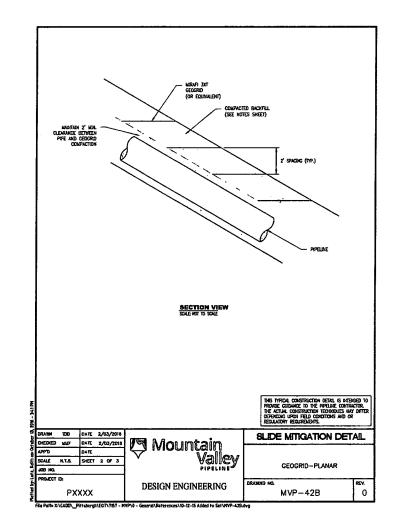
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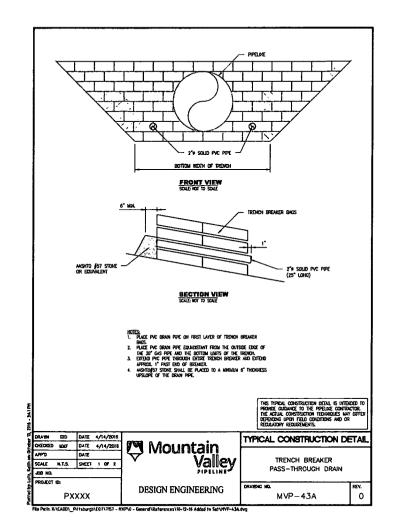
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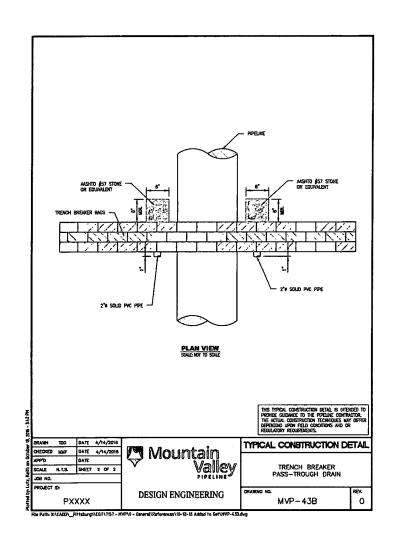
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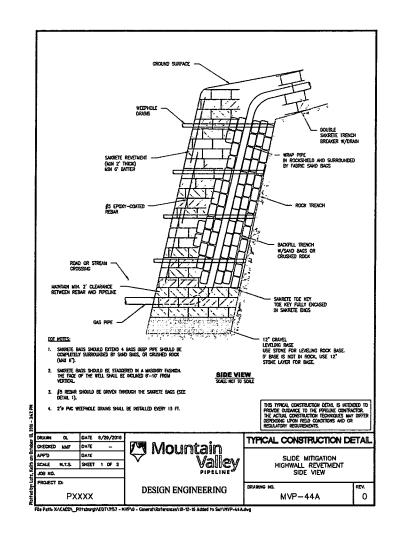
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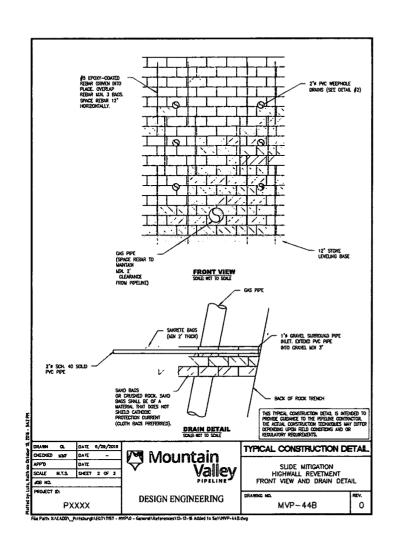
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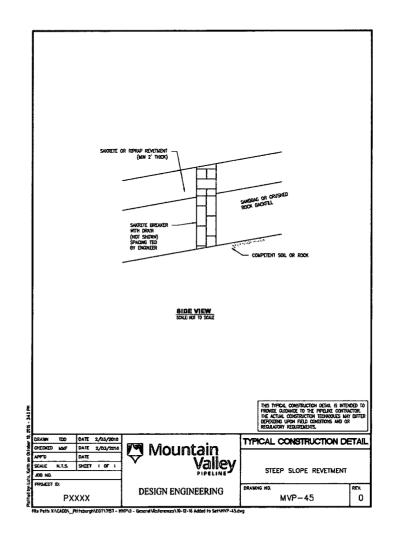
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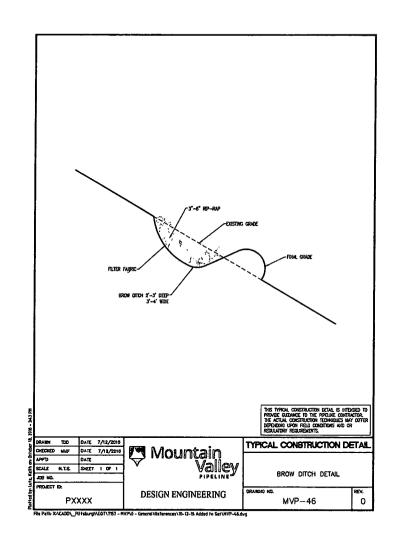
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GENERAL CONSTRUCTION SEQUENCE

- THE FOLLOWING IS A GENERAL SEQUENCE FOR EARTHMOUNIG ACTIVITIES ASSOCIATED WITH CONSTRUCTION OF THE PIPELINE:
- I INSTALL TEXPORALY EXCEPT AND SERVED TEXTERS PROG. TO EATIN DESTINANCE, RETURN TO SET MANAGEMENT PROCESSES (ORG) DESTALLANCE MOST SERVED MOST SERVED AND SERVED PROCESSES (ORG) DESTALLANCE SERVED AND SERVED PROCESSES (ORG) ARE TO SERVED AT ALL LOCATIONS WHERE ACCESS ROOMS AND PREMIETS WILL SELVED OR CROSSING A PRISE OR ROOMS AND PREMIETS WILL SELVED.
- 2. BISTALL TEMPORARY EAS CONTROLS FOR STREAM CROSSINGS AT LOCATIONS SHOWN ON THE EAS PLAN SHEETS, NO EARTH DISTURBANCE ACTIVITIES WITHIN 50 FEET OF STREAM CHANNELS WILL BE PERFORMED UNTIL MATERIALS NEEDED TO COMPLETE THE CROSSING ARE AT THE LOCATION.
- 3. CHOCAN CLARING AND GRUBBING OF THE TREES AND BRUSH ALONG THE ROLFT-OF-WAY (ROW) FOR PIPELINE TROICHING MAY COMBINED THE TITE WITH SPECIFIED IN THE ROW ARRESIONTS OR CONSTRUCTION AUGMENT SCIETTS, WIGHTERS IS LESS. SMALLER DEBRIS, SUCH AS SPRIES OR LUBBS, ARE TO BE CORPED AND UTILIZED ON-STEE AS PART OF THE SOIL. STAELERATION, UNLESS OTHERWISE CONSCRIPTS BY THE LANDOWNER UNDNIN THE RES WILLED OFF-STEE OF CHIVEN TO THE LANDOWNER UNDNIN THE WORTH THE RES WALLED OFF-STEE OF CHIVEN TO THE LANDOWNER UNDNIN THE WORTH THE RES WALLED OFF-STEE, OR WALLED OFF-STEE.
- 4. DESTALL TELEPORARY WATERBARS DOLEDIATELY AFTER DETIAL DISTURBANCE OF THE SOIL IN ACCORDANCE WITH THE WATERBARS SPACKED AND SIZING REQUIRED SYSTEM OF THE PLAN AND DETIAL SHEETS. WATERBARS MILL BE CONSTRUCTED OF SOIL, AND USED TO REDUCE RAINOF VALOUTY AND DYNER WATER OFF THE FIFEINE ROSE. WATERBARS WILL BE DISTALLED WITH COMPOSITED THEN SOOK AT THE DISCHARGE OFF.
- 5. DIZAMATE RPELNE TRENCH AND BERIN GRADING OF PROPOSED METER AND RECTUTER ANDE BED STES. THE PROPOSED CONSTRUCTION ROW AND DOTAL BERISSPACES ARE TO BE USED AS A WORK AREA FOR TRENCH EDIZAMATION, EQUIPMENT MOMERATE AND THE TEMPORARY STORAGE OF SOLS STOOMERS, AN EXCEDE LONG-PRIVIT, SOLS STOOMERS AND OTHER MATERIALS ARE TO BEAUNH UPSIGNED OF BUPS GURRIN CONSTRUCTION ACTUMES, REFER TO BUP INSTALLATION AND REMOVAL SEQUENCE FOR THE BURS OF BUS USED TO THE PROTECTION DURING TRENCH EDIZAMATION AND ARROUND EMPORATED AND STOOMERS. STOOMERS SCREENING OF RESIDEDITIAL AREA.
- REPORTED STATEMENT OF THE RESPONTED TO THE WORK AREA AND STRING ALONG THE WORKING SIDE OF THE ROW PARALLE. TO THE TRENCH LIKE. WELDING CAN OCCUR IN OR OUT OF THE TRENCH THE PREPARE BLIL BE BONT TO CONFIDENT TO THE TRENCH CHOTOLAR, ALONGED BLIED AND PLACED ON TREPORTY SUPPORTS ALONGED THE TRENCH CHOTOLAR ALONGED BLIED AND PLACED ON TREPORTY SUPPORTS ALONGED THE TRENCH WELD WILL BE THE THE WISHLIT AND RADGE-GRAPHICALLY INSPECTION AND REPARED AS RECESSARY. THE PIPE SECTION BLIE EL LORSED BY THE THE PROPERTY OF THE PIPE SECTION BLIE EL LORSED BY THE THE PIPE SECTION BLIE EL LORSED BY THE PIPE SECTION BY
- STREAM PPELINE CROSSING CONSTRUCTION METRODS WILL BE INSTALLED AT LOCATIONS SHOWN ON THE EAS PLAN SHEETS
 AND AS SPECIFIED ON DETAIL SHEET. STREAM BANK STABILIZATION WILL BE INSTALLED INMEDIATELY FOLLOWING COMPLETION
 OF POPULIE INSTALLATION AS SHOWN ON THE DETAIL SHEET.
- 8. INSTALL TRENCH BREAKERS AT LOCATIONS SHOWN ON THE DRAWNICS OR AS DIRECTED BY MAP AND AS SPECIFIED ON THE
- 8. THE TRONGH WILL SUBSECUENTLY BE BACKFILLED WITH SUTTABLE EXCAVATED MATERIAL. THE BACKFILL MATERIAL WILL BE SUBSTITUTED OF THE WAY OCCUR. DROWNING THE SUS ISSUITATIVE OFFICE OF THE BACKFILL SUBSTITUTED OFFICE THE WAY OCCUR. DROWNING THE SUBSTITUTED OFFICE OFFICE
- 10. STABLIZE EXPOSED NAT INVENIONED SCULE OF APPLICATION OF STREETING BAPS THAT PROTECT THE SCIL TIPOL THE EXPOSED FOR THAT PROTECT THE SCIL TIPOL THE EXPOSED FOR STREETING THE SCILL THE
- 11. IN THE URLIKELY EVENT THAT THERE ARE EXCESS EXCAVATED MATERIALS REMAINING AFTER THE TRENCH HAS GEDN BACKFULED; THE MATERIAL IS TO BE DISPOSED OF WITHON THE DISTING ROW ON AN UPLAND AREA OUTSIDE OF THE 100-YEAR FLOOGFLAND, MATERIAL WILL BE SPREAD IN A THIN LAYER AND TIED WITO EXISTING CONTIDUES TO CREATE POSITIVE DRAINAGE FOR STOOMBATER PRINCET.
- 12. Construct permanent waterbars after completion of grading in accordance with the waterbar spacing and seding endured ints shown on plan and detail sheets, permanent waterbars are not permitted in acrocaltural or patting langs.
- 13. REVENETATE DISTURBED AREA PER TABLES ON THIS SMEET OR PER LANDOWNER REQUEST. FOR 3:1 OR STEPPER SLOPES THE DISTURBED AREA WILL HAVE EXCISION CONTROL FARBIC (BLANGETHIG, HYDROSEEDIAC, FLEYTERFA, OR APPROVED EQUIAL) DISTULLED AS SHOWN ON BETALL SHEET, ELANGETHIG IS NOT PERSONTED IN A RESOLUTION, OR PASTURE (LANDS.
- 14. RE-ESTABLISH APPROPRIATE DRAINAGE IN EXISTING ROAD CHANNELS PRIOR TO SEEDING AND MULCHING.
- 13. INSPECTION OF ALL EROSION AND SECULIDITATION CONTROLS WITHIN DISTURBED AREAS WILL BE, AT A MOMBULA, PERFORMED ONCE EVERTY SEVEN CALENDAR DAYS AND WITHEN 24 HOURS ATTER ANY STORM EVENT GREATER THAN ASSECTION SHALL BE REQUIRED ADMIDITATELY TO BURSA. FIRM LISSECTION SHALL BE REQUIRED ADMIDITATELY TO BURSA. FIRM LISSECTION SHALL BE REQUIRED AND ADMIDITATELY TO BURSA. FIRM LISSECTION SHALL BE REQUIRED AND ADMINISTRATION PERSONNEL PROCEDULAR CHARLISATION THAN ON THE CONTRACT THE CONTRACT RESPONSELY REPORTS OF THE TOTAL AREA SHALL BE RECOVERAGE. STATEMENT ADMINISTRATION FOR ANY THE PROCEDIT RECOVERAGE CHARLISATION COMPANIES. SHALL BE RE-SECURED AND RECOVERAGE WHILE BE THE PROCEDULAR CHARLISATION.
- 18. ALL POLLUTANTS, DECLIDING WASTE MATDRIALS AND DEMOLITION CRERIS THAT OCCUR ON SITE DURING CONSTRUCTION SHALL BE HANCLED AND LEGALLY CISPOSED OF DIA MANDER THAT DOES NOT CAUSE CONTAMINATION OF SURFACE WATERS, WOODLY CHERIS MAY BE CHOPPED AND SPEAD ON-EACH.

FOR STREAM CROSSINGS, REFER TO THE FOLLOWING STEPS:

- 1. INSTALL TEMPORARY EQUIPMENT BRIDGE, BYPASS HOSE, FLUME, PUMP, OR COFFERDAM AS DESCRIBED IN STREAM CROSSING DETAILS ARGUND THE YORK AREA.
- DEWATER WORK AREA UTILIZING PUMP WATER FILTER BASS. WHERE POSSIBLE, EXCAVATION WILL BE FROM THE TOP OF THE STREAM BANG. STOCKPILE STREAM BED MATERIAL SEPARATELY FROM OTHER SOILS TO BE USED DURING THE STREAM RESTREAM TION.
- 3. INSTALL TRENCH PLUCS, PIPE, AND BACKFILL
- 4. STABILIZE CHANNEL EXCAVATION AND STREAM BANKS PRIOR TO REDIRECTING STREAM FLOR. STOCKFILE STREAM BED MATERIAL WILL BE THE LAST MATERIAL RESTORED IN THE STREAM CHANNEL.
- 8. REMOVE BYPASS HOSE, FLUME, PUMP, AND TEMPORARY DAM AS KEEDED.
- IF WORKING WITHIN A WETLAND AREA. FOLLOW THE GENERALIZED CONSTRUCTION SECUENCE BELOW:
- 1 INSTALL ETHER SUPER SLIT FENCE OR COMPOST FILTER SOCKS ALONG THE PERMETERS OF THE SITE AS SHOWN ON THE CONSTRUCTION GRAMINGS.
- MATS, PADS, OR SIMILAR DEMOES WILL BE USED DURBNG THE CROSSINGS OF WETLANDS. ORIGINAL GRADES THROUGH
 WETLANDS MUST BE RESTORD AFTER TRIMCHING AND BACKFILLING. ANY EXCESS FILL MATERIALS MUST BE REMOVED FROM
 THE WETLAND AND NOT SPREAD WITHON WETLANDS.
- 3. SOIL EXCAVATED FROM WETLAND AREAS WILL BE CAREFULLY REMOVED WITH THE ROOTS INTACT. THIS SOIL SHOULD BE PLACED IN A SEPARATE STOCKPILE TO BE RELIED DURING THE WETLAND SUBFACE RESTRUTION.
- 4. DEWATER WORK AREA UTILIZING PUMP WATER FILTER BAGS.

- S. DISTALL PIPE.
- 8. DISTALL TRENCH PLUGS IN WETLAND AREAS TO PREVENT THE TRENCH FROM DRAINING THE WETLAND OR
- BACKFILL PIPE TRENCH. BACKFILL THE TOP 12—INCHES OF THE EXCAVATED TRENCH WITH THE STOCKPILED METLAND SOIL TO MATCH ORIGINAL SURFACE GRADES.
- 8. COMPACT BACKFILL AND GRADE THE SURFACE OF THE TRENCH AREA TO ALLOW FOR POSITIVE DRAMAGE TO SOIL EASIES AND TO PREPARE DISTURBED AREAS FOR PERMANDINT TRENCH RESTORATION.
- 9. MADITAIN ALL EASCS DEVICES UNTIL SITE WORK IS COMPLETE AND A UNIFORM 70-PERCENT PERENDIAL WEST-TATIVE COVER IS ESTABLISHED.
- 10. REMOVE ALL SOIL AND EASC MEASURES UPON ESTABLISHMENT OF A UNIFORM 70—PERCENT VEGETATIVE COVER OVER THE DISTURBED AREA. RE-GRADE AND REVEGETATE AREAS DISTURBED DURING THE REMOVAL OF THE SOIL FARCES.

RMP MAINTENANCE

- THE PROPERTY AND PERMANENT EROSON AND SEQUENT CONTROL BUPS SHALL BE MANTANED AND REPARED AS NEEDED TO ASSURE CONTRICED PERMANER OF THEIR INTRODED FLACTION, MAINTENANCE AND REPARE SHALL BE CONCULTED IN ACCORDANCE AS STATED IN BEST VISIBLE OF PRINCIPLE OF THE PROPERTY OF THE MANAGEMENT, BROSSON AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANALL, 2008.
- IN NON-AGGOLITURAL AREAS THE YEAR AREAS THE COMPARED TO THE DENSITY AND COVER OF ADJACENT UNDISTURBED LANCS IN ACROCATURAL AREAS, THE WEARL SURVEY SHALL BE COMPARED TO THE ADJACENT UNDISTURBED PORTIONS OF THE SAME FELD, UNLESS THE EASTMENT AGREDIENT SPECIFICS OTHERWISE.
- WETLANDS ALONG THE PROPOSED PPELINE ARE DOPECTED TO EXCUST VARITING DEGREES OF SATURATION
 AND WATER ELEVATION, REQUIRED A VARETY OF PLANT SPECIES TO BE RE-ESTABLISHED. IN
 UNSATURATION WILLIAMS, MISTORY VARIETY OF PLANT SPECIES TO SEE RE-ESTABLISHED. IN
 THYPICALLY BE ALLONED TO RE-VEGETATE MATURALLY, WETLAND REVERTATION WILL BE CONCEDEDED
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REFERENCES

WEST WIRGHIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF WATER AND WASTE MANAGEMENT, EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANUAL, 2008.

NEST VIRBIDA DEPARTMENT OF DIVIRONALENTAL PROTECTION, OFFICE OF OIL AND GAS, WEST VIRBIDA NO SEQUENT CONTROL FIELD MAIULAL MAY 2012.

RECOMMENDED PERMANENT AND TEMPORARY SEED MIXTURES AND FERTILIZER/MULCH FOR REVEGETATION OF UPLAND AREAS.

| ITEM | UPLANDS | | | | | |
|--|--|---|--|--|--|--|
| PERMANENT SEED AND MULCH APPLICATION RATES | | | | | | |
| Seed 1 | Kentucky 31 toll feacus | 85 pounds per acra | | | | |
| Seed 1 | Empire Birdsfoot Trefell (1/2 Empire, 1/2 Viking) | 5 pounds per ours of inoculated seed | | | | |
| Seed ' | Redfescus | 20 pounds per core 2 Tana per core ethout a soll test | | | | |
| Lime | Agricultural Grade (Pallet Form) | | | | | |
| Fertilizer | 10-20-20 1/2 ton per core | | | | | |
| Mulch | Grass Hay or Cereal Straw | 3 tons per ocre | | | | |
| TEMPORARY SEED AND MULCH APPLICATION RATES | | | | | | |
| Seed 1 | Annual Ryegrase 40 pounds per care | | | | | |
| Mulch | Grass Hoy or Cared Strow 3 tons per core | | | | | |

NOTES

- 1 ALL SEED IS PURE LIVE SEED.
- 2 UNLESS OTHERWISE REDUESTED BY LANDOWNER IN R.O.W.

REVEGETATION OF WETLAND AREAS

| ITEM | WETLANDS' | | |
|--------|-----------------|--------------------|--|
| Seed 1 | Annual Ryegrass | 48 pounds per core | |

NOTES

- 1 ALL SEED IS PURE LIVE SEED.
- 2 DO NOT APPLY MULCH, FERTILIZER, OR LINE IN WETLAND AREAS.

ALTERNATE PERMANENT SEED MIXTURES

| ITEM | ITEM ALTERNATE NO. 1 | | | | |
|--------|--|--------------------|--|--|--|
| | PERMANENT SEED AND MULCH APPLICATION RATES | | | | |
| Seed 1 | Alfelfo | 18 pounds per acre | | | |
| Seed 1 | Clover | 5 pounds per oure | | | |

| ITEM | ALTERNATE NO. 2 | | | | | |
|----------------------------------|----------------------------------|-------------------|--|--|--|--|
| PERMANENT SEED APPLICATION RATES | | | | | | |
| Seed 1 | Orcherd Grass 30 pounds per core | | | | | |
| Seed ' | Clover | 5 pounds per core | | | | |

| ITEM | alternate no. 3 — Wildlife SEED MIX | | | | |
|--------|--|--|--|--|--|
| | PERMANENT SEED APPLICATION RATES | | | | |
| Seed 1 | DRBALT - 250 PA Platfmont Province UPL Mile 20 pounds per core 25% bridgingras 25% Little Bluestern 25% Visite Withyre 10% Sig Bluestern 10% Sig Bluestern 10% Sig Bluestern 10% Sig Bluestern 25% Subthyrous 4% Destrongue 4% Destrongue 4% Destrongue 25% Purple Longrass 4% Destrongue 4% D | | | | |

NOTES

- 1 ALL SEED IS PURE LINE SEED.
- 2 CONTRACTOR TO USE ALTERNATE SEED MIXTURES PER LANDOWNER REQUEST DOCUMENTATION PROVIDED BY MVP.

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| | (and the second | GENERAL NOTES AND LEGEND | THE POST THE PROPERTY OF THE P | שטבעונאון אינובן רוויבנואג האטבטן – הסטט נוואג | WEIZEL COUNTY THROUGH MONDOC COUNTY, WEST VIRGINGA | O I SALESSO VELIAN MATERIAL | 555 SOUTHFORME BOLLEWAY, SLITE 200 | CANCHESDIRG, PA 15317 |
| (| TETRA TECH SST. ANDERSON ORME ROSER PLAZA 7 PHISSURGA, PA 1522D | | | | | | | |
| | | | | | | | | |

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CONSTRUCTION PLANS

BEST MANAGEMENT PRACTICES (BMP) INSTALLATION & REMOVAL NOTES TEMPORARY AND PERMANENT BMPS WILL BE USED DURING CONSTRUCTION ACTIVITIES TO AVOID AND/OR MINIMIZE ADVERSE ENVIRONMENTAL EFFECTS OF CONSTRUCTION ACTIVITIES.

THE FOLLOWING ARE GENERAL BMP INSTALLATION NOTES FOR PIPELINE CONSTRUCTION ACTIVITIES.

- A STONE CONSTRUCTION ENTRANCE, SHOWN ON DETAIL SHEET, SHALL BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC WILL BE ACCESSING A PAYED ROAD DIRECTLY FROM A DISTURBED AREA.
- TEMPORARY SEDIMENT BARRIERS, INCLUDING APPROPRIATELY SIZED SILT FENCE OR COMPOST FILTER SOCK WILL BE PLACED AROUND SOIL STOCKPILES, AS NEEDED.
- APPROPRIATELY SIZED COMPOST FILTER SOCK WILL BE PLACED AROUND WETLANDS AND WATERBODIES IN AND ADJACENT TO THE WORK AREA PRIOR TO ANY TRENCHING ACTIVITIES.
- . STOCKPILE SLOPES WILL BE 2:1 OR FLATTER, AND STOCKPILES WILL NOT EXCEED 35 FEET IN HEIGHT.
- TEMPORARY STREAM CROSSINGS SHALL BE INSTALLED AS INDICATED ON THE EAS PLAN SHEETS AND AS PER THE EAS DETAIL SHEETS.
- WATERBARS WILL BE INSTALLED IMMEDIATELY AFTER INITIAL DISTURBANCE OF THE SOIL IN ACCORDANCE WITH THE SPACING AND SZIND REQUIREMENTS SHOWN ON PLAN AND DETAIL SHEET. WATERBARS WILL BE CONSTRUCTED OF SOIL TO REDUCE RUNDEY POLICITY AND DIVERT WATER OF THE PIPELINE ROW.
- TRENCH DEWATERING, IF NEEDED, WILL BE CONDUCTED USING A PUMP AND HOSE. WATER WILL BE RELEASED INTO A FILTER BAG THAT WILL BE LOCATED IN A WELL-YEGETATED UPLAND AREA.
- TRENCH BREAKERS WILL BE INSTALLED ON SLOPES ADJACENT TO STREAMS, WETLANDS, AND ROAD CROSSINGS TO PREVENT SUBSURFACE EROSION. TRENCH BREAKERS WILL BE INSTALLED AS SHOWN ON THE DETAILS.
- THE WORK AFEA WIL BE BACKFILLED FOLLOWING PREJURE INSTALLATION OF OTHER EXCAVATION WORK. IN ARREAS WHERE FOROGE, HAS BEEN EXCREMENT FOR SURFACE WILL BE REPLACED FROST, AND THEN HIS TOPSOIL WILL BE SPREAD OVER THE AREA FROM WHICH IT WAS REMOVED. DISTURBED AREAS WILL BE RESTORED TO THEIR ORIGINAL TOPOGRAPHIC CONTOURS.
- PERMANENT WATERBARS, WILL BE CONSTRUCTED WITH A TWO PERCENT (TYPICAL) OUTSLOPE TO DIVERT SURFACE
 FLOW TO A WELL VEGETATED STABLE AREA.
- IMMEDIATELY FOLLOWING BACKFILING ALL DISTURBED AREAS WIL BE GRUED IN PREPARATION FOR SEEDING AND HULGHING. THE CONSTRUCTION STITE SHOULD BE STABLEZED AS SOON AS POSSIBLE AFTER COMMETINE ESTABLISHMENT OF FINAL COVER MUST BE INFINITED NO LATER THAN 7 DAYS AFTER REACHING FINAL GRADE. REPER TO TABLES ON THIS SHEET FOR TEMPORATY AND PERMANENT SEEDING SPECIFICATIONS.
- FOR 3:1 OR STEEPER SLOPES THE DISTURBED AREA WILL HAVE EROSION CONTROL BLANKETING INSTALLED AS INDICATED ON DETAIL SHEET.
- TEMPORARY SEDMENT BARRIERS WILL BE MAINTAINED, UNTIL VEGETATION HAS BECOME ESTABLISHED WITH A
 UNIFORM COVERAGE OF DENISTY OF O PERCENT OR MORE WITHIN THE DISTURBED ROW. ONCE THIS COVERAGE
 HAS BEEN DETIMED, APPROPRIATE CONFROIDS WILL BE REMOVED FROM THE WORK AREA. AREAS DISTURBED
 DURING THE REMOVAL OF THE EROSON CONTROLS WILL BE STABILIZED IMMEDIATELY. THE 70 PERCENT
 REQUIREMENT REPERS TO THE TOTAL AREA VEGETATED AND NOT A PERCENT OF THE STIE.
- ALL WASTE MATERIAL WILL BE TRANSPORTED OFFSITE FOR RECYCLING AND/OR DISPOSAL AT A FACILITY APPROVED TO RECEIVE THE MATERIAL.
- IN NON-LORGILITURA, AREAS THE YISJAL STREY: STALL BE COMPARED TO THE DESIST? AND COVER OF ADMICIST INSTRINGED LANGE, IN AGRICULTURAL AREAS, THE YISJAL STRYY; SHALL BE COMPARED TO THE ADMICIST UNDISTURBED PORTIONS OF THE SHALL PILLS, UNLESS THE ASSISTANT AREAS EXPLORED.
- NETLANDS ALONG THE PROPOSED PRIPLIES ARE DIFFICIENT OF DIRECT VIEWNO DEGREES OF SATURATION AND MITTER ELEVATION, RECURRING A VAREETY OF FLANT SPICIES TO BE RE-ESTABLISHED. IN UNGATURATION WILL SEE REPLACED BY SEEDING. SATURATED WETLANDS, MOST VICETATION WILL BE CRESTREED SUCCESSIVELY WERN THE ALLOWED TO RE-VECETATION WILL BE CRESTREED SUCCESSIVELY WERN THE ALLOWED TO RE-VECETATION MILL SEED REPLACED BY SEEDING. SATURATED WETLANDS MILL STORM DISCONSIVELY WERN THE DISCONSIVELY WERN THE STORM SEED OF THE VECETATION OF THE VECETATIO

STREAM CROSSING PROCEDURES

GENERAL:
PROCEDURES THAT WILL BE FOLLOWED AT STREAM CROSSING LOCATIONS INCLUDE THE FOLLOWING:

- MINIMIZE CLEARING AND GRUBBING OF VEGETATION UP TO STREAMS, AS POSSIBLE, UNTIL THE TIME OF THE PIPELINE INSTALLATION;
- ONLY THAT AREA WHICH IS REQUIRED FOR PIPELINE INSTALLATION SHALL BE DISTURBED WITHIN THE PROPOSED LIMIT OF DISTURBANCE OR RIGHT-OF-WAY AT STREAM CROSSINGS; LOCATING STAGING AREAS 50 FEET AWAY FROM THE STREAM, WHERE POSSIBLE;
- STORING CHEMICALS, STORING EQUIPMENT, WASHING EQUIPMENT, OR REFUELING EQUIPMENT MUST BE DONE IN
 AREAS THAT ARE GREATER THAN 100 FEET AWAY FROM THE STREAM;
- SPOIL PILE PLACEMENT AND BMPS WILL BE MONITORED AT ALL TIMES DURING STREAM CROSSING PROCEDURES; ONCE WORK WITHIN A STREAM AREA IS STARTED, IT WILL BE CONDUCTED CONTINUOUSLY TO COMPLETION; EMPHASIS WILL BE PLACED ON MINIMEZING TIME OF DISTRIBANCE;
- . SPOILS FROM STREAM CROSSINGS MUST BE PLACED AT LEAST 10 FEET FROM THE WATER'S EDGE; AND
- CONSTRUCTION EQUIPMENT WILL NOT BE ALLOWED IN THE STREAM CHANNEL WHEN EXCAVATION CAN BE DONE FROM EITHER SIDE OR A TEMPORARY CROSSING WHILE WORKING AT THE STREAM CROSSING.
- SOME OF THE WATERSHEDS CROSSED BY THE PROJECT ARE CLASSIFED AS WARR WATER OR TROUT STREAMS, REFER TO TABLES IN ATTACHMENT 2 OF THE SHRRATHE FOR A LISTING OF THE STREAMS, NS-STREAM WORK REPORT TO TABLES IN ATTACHMENT 2 OF THE SHRRATHE FOR A LISTING OF THE STREAMS, NS-STREAM WORK REPORT OF THE STREAMS OF A PRIMAL PARKEN OF THE STREAMS IN THE STREAM WORK AND A SHARING SEASON SEPTEMBER 15—MARCH 31ST UNLESS A SPANNING TRANSPORT OF THE STREAMS OF THE STREAMS

DRY CROSSHOT TECHNOLOGIES.

THESE TECHNOLOGIES WILL BE USED TO PERFORM PIPELINE WORK IN A RELATIVELY DRY WORKING CONDITION OR AROUND THE OPEN EXCAVATION. THESE TECHNOLUSS MULDISE PURP AROUND AND FULURE PIPE CROSSING METHODS. THE UNITING PACTORS FOR THESE TECHNOLOGIES ARE USUALLY STREAM SEE, FLOW, AND WATER DEPTH. DIRECTIONAL BORING IS ALSO A TECHNIQUE THAT CAN BE UTILIZED AS IT WILL LESSEN THE IMPACTS ON THE

EAS CONTROL MEASURES WILL BE INSTALLED PRIOR TO ANY EARTH DISTURBANCE AND ADDRESSED IF NECESSARY IMMEDIATELY AFTER DISTURBANCE OF THE WATERBOOY.

FLUME PIPE METHOD: PLEASE SEE DETAIL SHEETS AND SMPPP FOR MORE INFORMATION ON THE FLUME PIPE METHOD. THIS PROCEDURE INVOLVES CONSTRUCTING TWO BULHHEADS, BTHER SANDBAGS OR PLASTIC DAMS, TO DIRECT THE STREAM FLOW THROUGH A FLUME PLEASED OVER THE TERNET PROF TO EXCAVATION. THE FLUME SHALL BE AUGISTED AS TO PREVENT BANK ERGISION AND BED SCOUR. THE FLUME WILL NOT BE REMOVED DURRISD TRENDING, PIPE LAYING OR BACKFILLING.

PUMP AROUND METHOD: PLEASE SEE THE DETAIL SHEETS AND SHPPP FOR MORE INFORMATION ON THE PUMP AROUND METHOD. THE SPRICEDURE INVOLVES CONSTRUCTING TWO BULLHEAUS, EITHER SANDBAGS OR PLASTIC AREA AND BE DISCHARGED BEHIND THE DOWNSTRUM BULLHEAUS, PLINE'S OR SET PUMP AROUND THE WORK AREA AND BE DISCHARGED BEHIND THE DOWNSTRUM BULLHEAUS, PUMP OF SET PUMP INTAKES MUST BE SCREENED. THE FLOW DOWNSTREAM WILL BE USED. BACKUP PUMPS MUST BE ON-SITE. PUMP INTAKES MUST BE SCREENED.

STREAM BANK STABILIZATION:
PERMANENT STABILIZATION SHALL OCCUR IMMEDIATELY UPON INSTALLATION, BACKFILLING, AND GRADING AT EACH

------ EXISTING CONTOUR (MAJOR) ---- EXISTING CONTOUR (MINOR) ---- EXISTING PROPERTY LINE ----- - ----- EVISTING BUND -O- EXISTING UTILITY POLE EXISTING GUY ANCHOR

LEGEND

EXISTING GAS VALVE EXISTING GAS WELL EXISTING WATER WELL EXISTING UNKNOWN WELL EXISTING GATE POST

EXISTING GATE POST FEMA 100 YEAR FLOODPLAIN EXISTING STREAM

EXISTING WETLAND EXISTING FENCE

- EXISTING COLUMBIA GAS PIPELINE ----- DOSTING MOUNTAINEER GAS PIPELINE ----- EXISTING REX GAS PIPELINE

----- EXISTING FOT GAS PIPELINE - III - III

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PROPOSED CONTOUR (MINOR)

- PROPOSED HART OF DISTURBANCE

PROPOSED PIPELINE PROPOSED SUPER SILT FENCE

ORANGE CONSTRUCTION SAFETY FENCE

PROPOSED TEMPORARY RIGHT OF WAY DIVERSION AND OUTLET PROPOSED CULVERT WITH OUTLET PROTECTION

STEEP SLOPE EROSION CONTROL (SEE NOTE 3)

PROPOSED WATERBAR PROPOSED WATERBAR TEMP PROPOSED TRENCH PLUG

PROPOSED ROCK CONSTRUCTION ENTRANCE

ROCK CHECK DAM

ACCESS ROAD LEGEND

- ROCK CONSTRUCTION ENTRANCE
 STREAM CROSSING

2 WETLAND CROSSING

NOTES:

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GENERAL NOTES AND LEGEND
ANN VALLEY PIPELINE PROLECT – HG
72L COUNTY INSCHOOL NOTES WE
MOUNTAIN VALLEY PIPELINE, LLC
555 SOUTHOUSE BOLLEWAR, SUITE 200 MOUNTAIN VETZEL C TETRA TECH 661 ANDERSEN DRIVE FOSTER PLAZA 7 PITTSBURGH, PA 15220 NSTRUCTION PLANS

1. WATERIAMS WITHIN ADRICATIONAL AREAS SHALL BE USED AS TEMPORMOY FEBRURES.
2. NO ERISSON CONTROL MATTHE SHALL BE RESTALLED BY ARREADILIBRAL AREAS.
3. FIREDITIERA OR EXAMALERY MAY BE USED AS A SUSSITILITE TO RESONO CONTROL BLANKET AS DIRECTED BY MAY.
4. CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL UTILIES. THE UTILITY MIES SHOWN ON THE PLAN ARE FOR PROPAGATION LIPROSES ONLY AND DO NOT REPESTOR STUPPED THE REPORTANCE.
5. SUPPES OF 30° OR ORGANIER EAST. CONSTRUCTION FOR SIEDEY SLOYES TO BE PERFORMED USING STEEP SLOYE OF THE PROPAGATION CONTROL PREDUCTION FOR SIEDEY OF PROPAGATION CONTROL THE ORGANIZATION CONTROL PREDUCTION FOR SIEDEY OF PROPAGATION GIVEN STORES DECLINED THE ORGANIZATION CONTROL SPECIAL FOR THE ORGANIZATION OF THE DIRECTION OF MAY.

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5. SUPPESSOR STATE OF PERMANENT AND TEMPORARY ACCESS ROADS WILL BE PERFORMED AS NEEDED AND BUT'S MAY BE SUBSTITUTED IF FIELD EMULATIONS REQUIRE ADJUSTMENTS TO ACCOMPANDATE FIELD VERFIELD CONTROLS.

CHECKED BY: APPROVED BY: RE
DATE: 2/19/2016
SCALE: AS SHOWN REVESOR AS SHOWN SHT. NO. 0.21 OF 0.21



George Eidel <doddridgecountyfpm@gmail.com>

Mountain Valley Floodplain Permit Renewal

11 messages

Hoover, Matthew S. <MHoover@equitransmidstream.com> To: George Eidel <doddridgecountyfpm@gmail.com>

Tue, Mar 9, 2021 at 10:10 AM

Good Morning George,

Hope all is well! I was hoping Mountain Valley could extend the Doddridge County Floodplain Permit. We anticipate resuming construction within the next several months.

Please see the attached permit.

Matt Hoover

Environmental Permitting Supervisor

2200 Energy Drive, 2nd Floor

Canonsburg, PA 15317

Office: (724) 873-3009

Cell: (412) 258-5627



Doddridge County Floodplain Approval 02.26.20.pdf

63K

George Eidel <doddridgecountyfpm@gmail.com> To: "Hoover, Matthew S." < MHoover@equitransmidstream.com>

Tue, Mar 9, 2021 at 2:39 PM

Matt.

Are you just extending it 90 days or are you renewing it for another year? [Quoted text hidden]

George C. Eidel, CFM, OEM Director/Floodplain Manager

Doddridge County Office of Emergency Management 101 Church Street Suite 102 West Union, WV 26456-2095 Work Phone: 1-304-873-1343 Mobile Phone: 1-304-281-7407

Fax: 1-304-873-1840

doddridgecountyfpm@gmail.com

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Hoover, Matthew S. <MHoover@equitransmidstream.com> To: George Eidel <doddridgecountyfpm@gmail.com>

Tue, Mar 9, 2021 at 4:35 PM

George,

Based on the projected schedule, can it be extended for another year?

[Quoted text hidden]

George Eidel <doddridgecountyfpm@gmail.com>

Wed, Mar 10, 2021 at 7:42 AM

To: "Hoover, Matthew S." <MHoover@equitransmidstream.com>

Matt.

We can do a renewal of the permit, you will have to send me the same permit application and fees. The permit will be given a new number, all permits are only good for a year.

George

[Quoted text hidden]

Hoover, Matthew S. <MHoover@equitransmidstream.com>
To: George Eidel <doddridgecountyfpm@gmail.com>

Wed, Mar 10, 2021 at 7:48 AM

Thanks George!

How much is the permit fee?

Thanks, Matt

On Mar 10, 2021, at 7:43 AM, George Eidel <doddridgecountyfpm@gmail.com> wrote:

[Quoted text hidden]

George Eidel <doddridgecountyfpm@gmail.com>

Wed, Mar 10, 2021 at 8:08 AM

To: "Hoover, Matthew S." <MHoover@equitransmidstream.com>

As with the original permit it will be based on the cost of the project within the floodplain. Attached is the fee schedule [Quoted text hidden]



2 NEW Floodplain Permit FEES.pdf

107K

Hoover, Matthew S. <MHoover@equitransmidstream.com>
To: George Eidel <doddridgecountyfpm@gmail.com>

Mon, Mar 15, 2021 at 9:21 AM

Hey George – the check was sent out last week. It will probably show up on your desk by Wednesday. Please let me know when you receive it.

As always - thanks so much for your help! Enjoy your week.

[Quoted text hidden]

George Eidel documents/fm@gmail.com/
To: "Hoover, Matthew S." MHoover@equitransmidstream.com/

Mon, Mar 15, 2021 at 10:44 AM

Matt.

I am out of town but will check with my assistant and let you know it was received

Sent from my iPhone

On Mar 15, 2021, at 9:21 AM, Hoover, Matthew S. <MHoover@equitransmidstream.com> wrote:

[Quoted text hidden]

George Eidel <doddridgecountyfpm@gmail.com>
To: "Hoover, Matthew S." <MHoover@equitransmidstream.com>

Mon, Mar 22, 2021 at 8:39 AM

Matt.

Good morning, have not gotten anything on this. Were you just doing a renewal? [Quoted text hidden]

Hoover, Matthew S. <MHoover@equitransmidstream.com> To: George Eidel <doddridgecountyfpm@gmail.com>

Mon, Mar 22, 2021 at 8:41 AM

Yes, just the renewal. I'll see what I can find out.

[Quoted text hidden]

George Eidel <doddridgecountyfpm@gmail.com>
To: "Hoover, Matthew S." <MHoover@equitransmidstream.com>

Mon, Mar 29, 2021 at 9:29 AM

Matt,

Good morning, I just got a check for a permit renewal from MVP,LLC in the amount of \$1,620.00. Is this for the renewal of your permit? If so I need a new permit sent, just a copy of the old one along with any other applicable permits you have.

George

On Tue, Mar 9, 2021 at 10:10 AM Hoover, Matthew S. <MHoover@equitransmidstream.com> wrote: [Quoted text hidden]

[Quoted text hidden]