

Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to **Cone Gathering, LLC**, and is for the approved commercial and/or industrial development project associated with this permit 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: #14-323 ~ Cone Gathering, LLC ~ Oxford 97 Gas & Water Pipelines

Date Approved: 12/19/2014 Expires: N/A

Issued to: Cone Gathering, LLC POC: Greg Linder 304.933.3119

Company Address: 99 Cambridge Place Bridgeport, WV 26330

Lat/Long: 39.232615N/-80.803228W to 39.232502N/-80.801482W

Purpose of development: Waterline and pipeline construction. Project is located entirely outside the floodplain.

Issued by: Edwin L/Bo" Wriston, Doddridge County FPM (or designee)

Date: 12/19/2014

Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 18th day of December, 2014

Cone Gathering, LLC

filed an application for a Floodplain Permit to develop land located at or about:

West Union District

39.232615N/80.803228W to 39.232502N/80.801482W

Permit #14-323 Oxford 97 Gas & Water pipelines

(Note: This project is not within the floodplain)

The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. As this project is outside the FEMA identified floodplain of Doddridge County, Doddridge County Floodplain Management has no regulatory authority. Any interested persons who desire to comment shall present the same in writing by January 26, 2015, delivered to:

Clerk of the County Court

118 E. Court Street, West Union, WV 26456

Beth A Rogers, Doddridge County Clerk

Edwin L. "Bo" Wriston. Doddridge County Flood Plain Manager

Check was Never CAShed, SENT Back For Re-ISSue

7-27-2015

CONE Gathering LLC 1000 CONSOL Energy Drive Canonsburg PA 15317-6506 (724) 485-4000

ģ.

JULY 24, 2015

DODDRIDGE COUNTY COMMISSION 118 E COURT ST W UNION WV 26456

OUR RECORDS INDICATE THAT OUR CHECK NUMBER 2790010539 WRITTEN TO YOU ON SEPTEMBER 11, 2014 IN THE AMOUNT OF \$ 2680.55 FOR THE INVOICES LISTED BELOW REMAINS UNCASHED. IF YOU HAVE LOST OR CASHED THIS CHECK, PLEASE COMPLETE AND SIGN THE ATTACHED FORM AND RETURN IT TO US. IF YOU ARE HOLDING THE CHECK, PLEASE CASH IT SO WE CAN CLEAR OUR RECORDS.

INVOICES: SHERWOOD

	VERY TRULY YOURS, Lordon Livest CONE Gathering LLC	·
CONE Gathering LLC	DATE	20
1000 CONSOL Energy Dri Canonsburg PA 15317-65		
YOUR CHECK NUMBERAMOUNT OF \$	DATED WAS: (CHECK ONE) CASHED LOST OR NEVER RECEIVED. PLEASE STOP PAYMENT AND REISSUE.	IN THE
COMMENTS (IF ANY):		
	VERY TRULY YOURS,	
ACCOUNT NAME: CONE Gathering LLC	SIGNATURE	
ACCOUNT NUMBER: 1301116750422790	STREET AND NUMBER	
	CITY, STATE, ZIP CODE	

CONE Gathering LLC

P. O. Box 305

Canonsburg, PA 15317-0305

Phone: 724-485-4031

DODDRIDGE COUNTY COMMISSION

Vendor No. 824536

Check No. 2790010539

invoice Number	Invoice Date	Invoira Amount	Discount Amount	Net Amount
SHERWOOD	09/09/2014	2,680.55	0.00	2,680.55
		Check Total		\$ 2,680.55
		•		
			'	
			·	•
				·
				·
				62 J
				`

THIS CHECK IS TENDERED IN FULL SETTLEMENT OF YOUR INVOICES LISTED HEREON.

PLEASE DETACH REMITTANCE BEFORE CASHING.

CHECK NUMBER 2790010539

CONE Gathering LLC
P.O. Box 305, Canonsburg, PA 15317-0305

56-503/422 CHECK DATE 09/11/2014

TO THE ORDER OF

DODDRIDGE COUNTY COMMISSION 118 E COURT ST W UNION WV 26456

US Bank Miamisburg, OH DOLLARS CENTS
/ \$**2,680.55** USD

Michael C. Andoly

Civil & Environmental Consultants, Inc.

DEC 18 PM 3: 14

Celebrating 25 Years

November 7, 2014

BETH ALROSCIIS COUNTY CLERK DRIDGE COUNTY, WY

Mr. Bo Wriston Doddridge County Clerk's Office 118 E. Court Street, Room 102 West Union, WV 26456

Dear Mr. Wriston:

Subject:

CONE Gathering, LLC

Proposed Oxford 97 Gas/Water Pipelines
Floodplain Development Permit Application

Doddridge County, West Virginia

CEC Project 142-872

Civil & Environmental Consultants, Inc. (CEC) is pleased to submit the floodplain development permit application for the above-referenced project on behalf of CONE Gathering, LLC. CONE Gathering, LLC proposes to construct the Oxford 97 gas and water pipelines near West Union, West Virginia in Doddridge County. The project consists of the construction of an eight (8) inch gas line, a ten (10) inch gas line, a twelve (12) inch gas line, and two (2) – sixteen (16) inch water lines within a 75 feet right-of-way as indicated on the attached site plans. The project is not located within a FEMA designated flood hazard area according to the Flood Insurance Rate Map for Doddridge County, Map Pane #54017C0225C, with a map revised date of October 4, 2011. The proposed pipelines will be located on the following properties in the West Union District:

Zoe Kathryn Walters 9407 Scratch Court Wilmington, NC 28412 Tax Map 19 Parcel 27 Deed Book 158 Page 663 261.25 Acres William Randall Hamlet 2413 Pinehill Circle Staunton, VA 24401 Tax Map 23 Parcel 3.1 Deed Book WB22 Page 434 422.60 Acres

The pipelines will begin and end at the following coordinates:

Start of the line: 39.232615° N, -80.803228° W End of the line: 39.232502° N, -80.801482° W

This letter is provided in support of the floodplain development permit application. CEC appreciates your time and effort in reviewing this floodplain development permit application.

Mr. Bo Wriston CEC Project 142-872 Page 2 November 7, 2014

Please feel free to contact me at 304-933-3119 or via e-mail at <u>glinder@cecinc.com</u> if you have questions or need additional information.

Respectfully submitted,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

Greg Linder, P.E. Project Manager

Project Manager

Enclosures:

Doddridge County Floodplain Development Permit Application

Ownership Index

Floodplain Cost Estimate USGS Location Map

Site Plans

Flood Insurance Rate Map

cc: Carol Phillips, CONE Gathering, LLC

142-872-L-Floodplain Dev. Permit Appl-11-7-14



DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

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

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

APPLICANT'S SIGNATURE #	y Eddy	
	0	
DATE 11-10-14	<u> </u>	

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

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

APPLICANT'S NAME: Kelly Eddy - CONE Gathering, LLC.

ADDRESS: One Energy Drive, Jane Lew, WV 26378

TELEPHONE NUMBER: (304) 884-2131

BUILDER'S NAME:	Unknown	
ADDRESS:		
TELEPHONE NUMBER	R:	
ENGINEER'S NAME:_	Civil & Environmental Consultants, Inc.	
ADDRESS:	99 Cambridge Place, Bridgeport, WV 26330	
TELEPHONE NUMBER	R: (304) 933-3119	

PROJECT LOCATION: N 39° 13' 55.94", W -80° 48' 08.96"

NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT): See Exhibit A
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT): See Exhibit A

DISTRICT: See Exhibit A

DATE/FROM WHOM PROPERTY PURCHASED: N/A

LAND BOOK DESCRIPTION: <u>See Exhibit A</u>
DEED BOOK REFERENCE: <u>See Exhibit A</u>
TAX MAP REFERENCE: <u>See Exhibit A</u>

EXISTING BUILDINGS/USES OF PROPERTY: See Exhibit A

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

PROPERTY: See Exhibit A

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

SUBJECT PROPERTY: See Exhibit A

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

From U.S Route 50, take Doddridge County Route 11 south for 0.7 miles. Turn left onto CR 11/4 and travel for 4.4 miles. The project is to the right.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	ACTIV	/ITY				<u>STRUCTUR</u>	AL TYPE
0 0 0 0 0 0	New Structure Addition Alteration Relocation Demolition Manufacture		Home		0 0 0 0 0	Non-resident	more than 4 Family) tial (floodproofing) se (res. & com.)
В.	OTHER DEVE	LOPM	ENT ACTIV	ITIES:			
0 0 0 0 0 0 0	Fill Grading Excavation (excavation (excavation) Watercourse Drainage Imp Road, Street, Subdivision (individual Watercourse) Other (please	Altercan roveme or Bridg ncluding ter or S	tion (includin nts (including ge Construction g new expans ewer System	g dredging g culvert v on sion)	g and cl	T checked abo	-

C. STANDARD SITE PLAN OR SKETCH

- 1. SUBMIT ALL STANDARD SITE PLANS, IF ANY HAVE BEEN PREPARED.
- 2. IF STANDARD SITE PLANS HAVE NOT BEEN PREPARED:

 SKETCH ON A SEPARATE 8 ½ X 11 INCH SHEET OF PAPER THE SHAPE AND LOCATION OF
 THE LOT. SHOW THE LOCATION OF THE INTENDED CONSTRUCTION OR LAND USE
 INDICATING BUILDING SETBACKS, SIZE & HEIGHT. IDENTIFY EXISTING BUILDINGS,
 STRUCTURES OR LAND USES ON THE PROPERTY.
- 3. SIGN AND DATE THE SKETCH.

ACTUAL TOTAL CONSTRUCTION C	OSTS OF THE COMPLETE DEVELOPMENT					
IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED						
CONSTRUCTION PROJECT IS WITH	IN THE FLOODPLAIN \$ See Attached					
D. ADJACENT AND/OR AFFECTE	ED LANDOWNERS:					
1. NAME AND ADDRESS OF ALL O	WNERS OF SURFACE TRACTS ADJACENT TO THE AREA					
OF THE SURFACE TRACT (UP & (DOWN STREAM) UPON WHICH THE PROPOSED					
ACTIVITY WILL OCCUR AND ALL	OTHER SURFACE OWNERS UP & DOWN STREAM)					
WHO OWN PROPERTY THAT MA	AY BE AFFECTED BY FLOODING AS IS DEMONSTRATED					
BY A FLOODPLAIN STUDY OR SU	JRVEY (IF ONE HAS BEEN COMPLETED).					
NAME: See Exhibit A	NAME:					
ADDRESS:						
NAME:						
ADDRESS:	ADDRESS:					
LOCATED UPON ANY ADJACENT APPLICATION IS FILED AND THE	ST ONE ADULT RESIDING IN EACH RESIDENCE PROPERTY AT THE TIME THE FLOODPLAIN PERMIT NAME AND ADDRESS OF AT LEAST ONE ADULT Y PROPERTY THAT MAY BE AFFECTED BY FLOODING AS PLAIN STUDY OR SURVEY.					
NAME: See Exhibit A	NAME:					
ADDRESS:						
ADDRESS	ADDRESS:					

NAME: ADDRESS:

NAME:

ADDRESS:

E. CONFIRMATION FORM

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

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.
- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAME (PRINT): Kelly Eddy - CONE Gathering, LLC.
SIGNATURE: Kelly Eddy DATE: 11-10-14
After completing SECTION 2, APPLICANT should submit form to Floodplain Administrator/Manager or his/her representative for review.
SECTION 3: FLOODPLAIN DETERMINATION (to be completed by Floodplain Administrator/Manager or his/her representative)
THE PROPOSED DEVELOPMENT:
THE PROPOSED DEVELOPMENT IS LOCATED ON:
FIRM Panel:
Dated:
[] Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify applicant that the application review is complete and NO FLOOPLAIN DEVELOPMENT PERMIT IS REQUIRED).
[] Is located in Special Flood Hazard Area.

	FIRM zone designation	
	100-Year flood elevation is:	
[]	Unavailable	
[]	The proposed development is located in a floodway. FBFM Panel No	Dated
[]	See section 4 for additional instructions.	
	SIGNED	DATE
SEC	TION 4: ADDITIONAL INFORMATION REQUIRED	To be completed by
	odplain Administrator/Manager or his/her repre	
	applicant must submit the documents checked below befcessed.	ore the application can be
[]	A plan showing the location of all existing structures, vidimensions and proposed development.	vater bodies, adjacent roads, lot
[]	Development plans, drawn to scale, and specifications details for anchoring structures, storage tanks, propos (including basement or crawl space), types of water refirst floor, details of flood proofing of utilities located benclosures below the first floor. Also	ed elevation of lowest floor, sistant materials used below the
[]	Subdivision or other development plans (If the subdivilots or 5 acres, whichever is the lesser, the applicant melevations if they are not otherwise available).	·
[]	Plans showing the extent of watercourse relocation an	d/or landform alterations.
[]	Top of new fill elevation	Ft. NGVD (MSL).

	ofing structures applicant must attach certification from registered prohitect.
floodway wil	from a registered engineer that the proposed activity in a regulatory not result in any increase in the height of the 100-year flood. A copy of all culations supporting this finding must also be submitted.
Contractor's	d homes located in a floodplain area must have a West Virginia License and a Manufactured Home Installation License as required by the rgency Management Agency (FEMA).
Other:	
	IT DETERMINATION (To be completed by Floodplain tor/Manager or his/her representative)
Administra	tor/ wanager of ms/ner representative/
	nined that the proposed activity (type is or is not) in conformance with the Floodplain Ordinance adopted by the County Commission of Doddridge
provisions of	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and
provisions of County on M	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and
provisions of County on M made part of SIGNED	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and this permit.
provisions of County on M made part of SIGNED	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and this permit. DATE lain Administrator/Manager found that the above was not in conformance visions of the Doddridge County Floodplain Ordinance and/or denied that the applicant may complete an appealing process below. Appealed to the County Commission of Doddridge County? [] Yes {} No
provisions of County on M made part of SIGNED If the Floodp with the provapplication, to the province of the province	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and this permit. DATE lain Administrator/Manager found that the above was not in conformance visions of the Doddridge County Floodplain Ordinance and/or denied that the applicant may complete an appealing process below.
provisions of County on M made part of SIGNED	the Floodplain Ordinance adopted by the County Commission of Doddridge ay 21, 2013. The permit is issued subject to the conditions attached to and this permit. DATE lain Administrator/Manager found that the above was not in conformance visions of the Doddridge County Floodplain Ordinance and/or denied that the applicant may complete an appealing process below. Appealed to the County Commission of Doddridge County? [] Yes {} No Hearing Date:

SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before
Certificate of Compliance is issued).
The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).
COMPLETE 1 OR 2 BELOW:
Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space isFT. NGVD (MSL)
2 Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note: Any work performed prior to submittal of the above information is at risk of the applicant.
SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain Administrator/Manager or his/her representative).
The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.
INSPECTIONS:
DATE: BY:
DEFICIENCIES ? Y/N

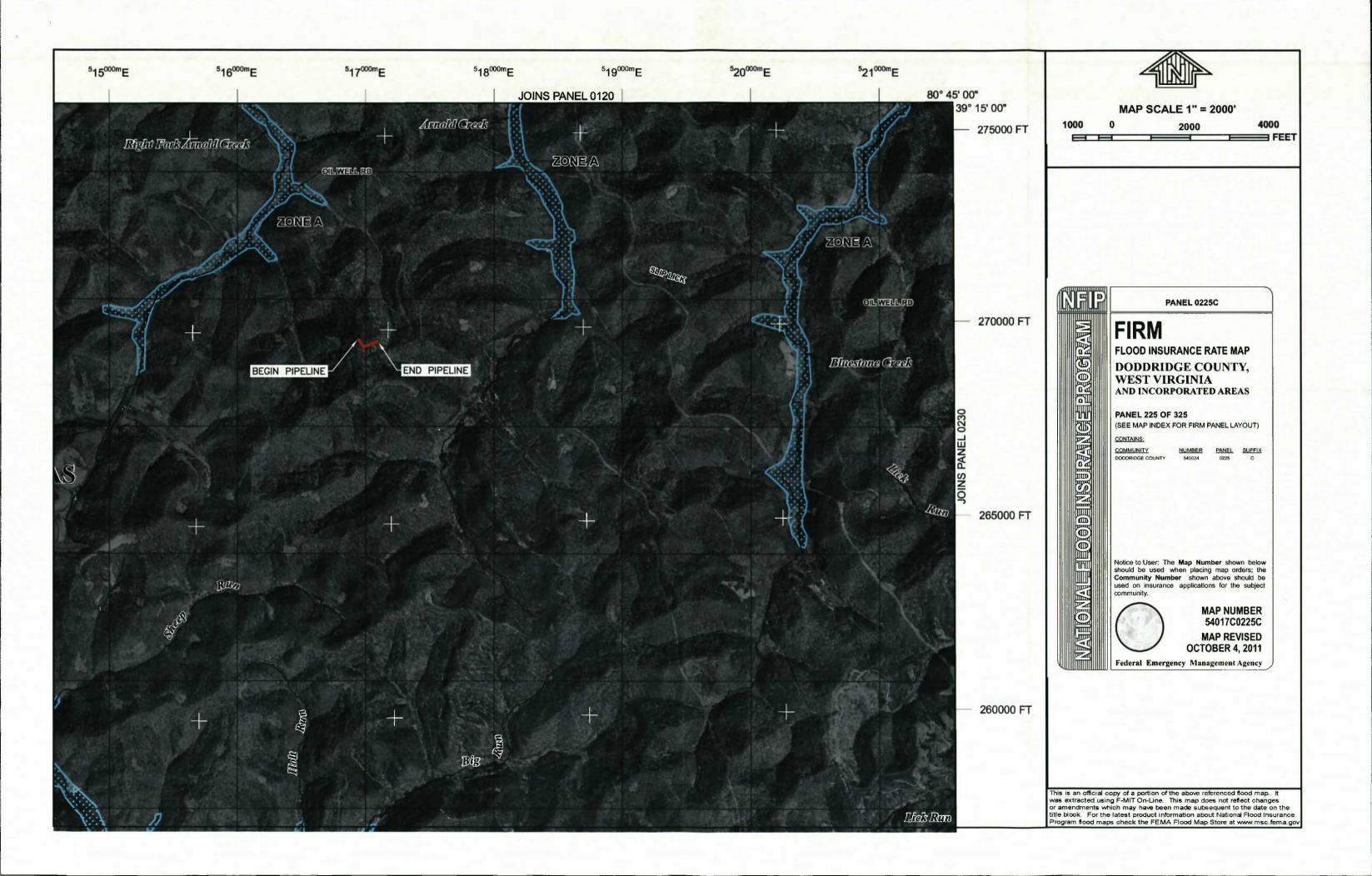
COMMENTS___

SECTION 8: 0	ERTIFICATE OF COMPLI	ANCE (To be com	oleted by Floodplair
Administrato	or/Manager or his/her r	epreser	<u>itative).</u>	
Certificate of C	ompliance issued: DATE:		_ BY:	
	CERTIFICATE (OF COM	PLIANCE	
FC	R DEVELOPMENT IN SP	ECIAL F	LOOD HAZ	ARD AREA
	(OWNER M	IUST RE	TAIN)	
	PERMIT NUME	RFR.		
	PERMIT DATE:			
	PURPOSE –			
ONSTRUCTION	LOCATION:			
WNER'S ADD	RESS:			

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

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

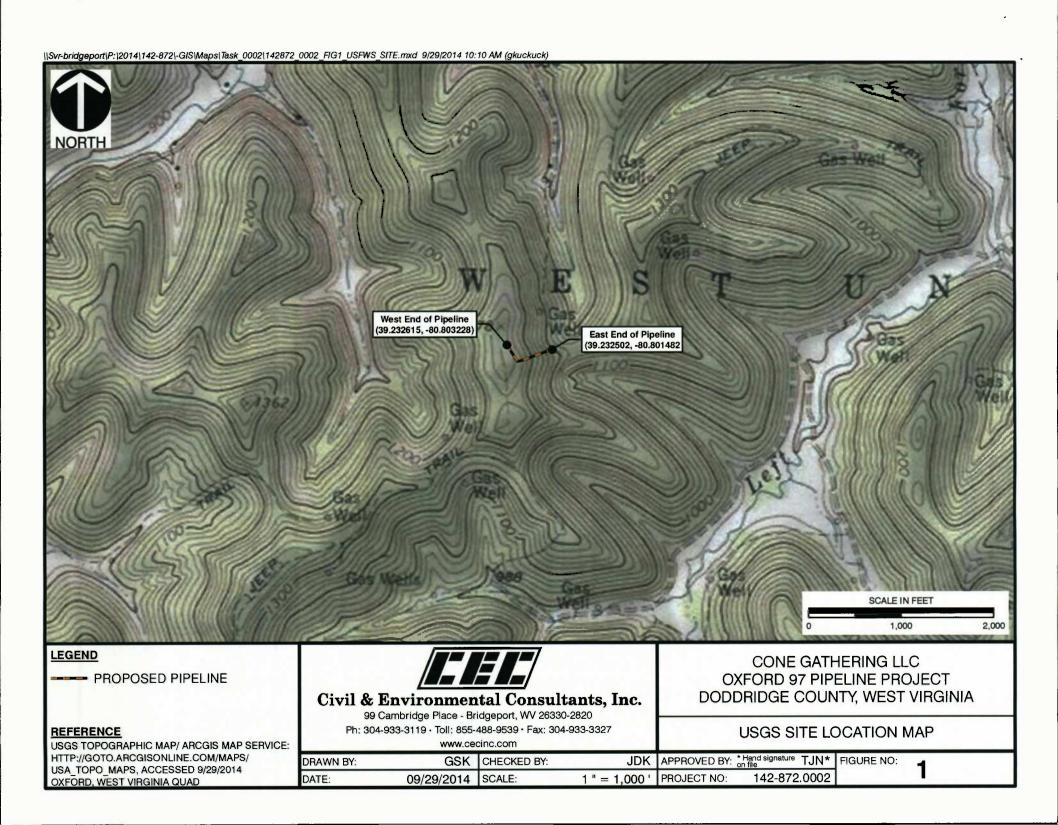
SIGNED	DATE



EXHIB	IT A – Oxford 97 P	ipelines			
Mailing Address	District	Tax Map	Parcel	Deed Book/Page Reference	Land Book Description
	HOST PROPERTIE	s			
9407 Scratch Ct., Wilmington, NC 28412	West Union	19	27	158/663	261.25 AC Tillable/Woodland/ Undeveloped
2413 Pinehill Circle, Staunton, VA 24401	West-Union	23	3.1	WB22/434	422.60 AC Pasture/Woodland/Tillable /Undeveloped
			-		
PROPERTY OWNERS ABU	TTING HOST PROP	ERTIES INS	IDE FLOODPL	.AIN	
	Mailing Address 9407 Scratch Ct., Wilmington, NC 28412 2413 Pinehill Circle, Staunton, VA 24401 PROPERTY OWNERS ABU	Mailing Address HOST PROPERTIE 9407 Scratch Ct., Wilmington, NC 28412 West Union West-Union PROPERTY OWNERS ABUTTING HOST PROP	HOST PROPERTIES 9407 Scratch Ct., Wilmington, NC 28412 West Union 19 2413 Pinehill Circle, Staunton, VA 24401 West-Union 23 PROPERTY OWNERS ABUTTING HOST PROPERTIES INS	Mailing Address District HOST PROPERTIES 9407 Scratch Ct., Wilmington, NC 28412 West Union 19 27 2413 Pinehill Circle, Staunton, VA 24401 PROPERTY OWNERS ABUTTING HOST PROPERTIES INSIDE FLOODPI	Mailing Address District Map Parcel Book/Page Reference HOST PROPERTIES 9407 Scratch Ct., Wilmington, NC 28412 VVest-Union 23 3.1 WB22/434 PROPERTY OWNERS ABUTTING HOST PROPERTIES INSIDE FLOODPLAIN

CONE Gathering, LLC. Oxford 97 Pipelines

Pipeline	Length of Line Pipeline (feet)	Construction in Floodplain (Y/N)	Installation Method	Unit Cost/Foot	Floodplain Total
					· · · · · · · · · · · · · · · · · · ·
8"	642	No	Open Cut	\$200	\$0
Gas line	0	No	Bore and Jack	\$350	\$0
: <u>.</u>	,				_
10"	642	No	Open Cut	\$200	\$0
Gas line	0	No	Bore and Jack	\$350	\$0
12"	642	No	Open Cut	\$200	\$0
Gas line	0	No	Bore and Jack	\$350	\$0
16"	642	No	Open Cut	\$200	\$0
Water line	. 0	No	Bore and Jack	\$350	\$0
		÷ .		fi .	
16"	642	No	Open Cut	\$200	\$0
Water line	0	No	Bore and Jack	\$350	\$0
	<u> </u>	To	 tal Floodplain Construct	ion Cost Estimate =	\$0



DODDRIDGE COUNTY ROAD MAP SCALE IN FEET

1 INCH = 3,000 FEET

-- ELISTING CONTOURS FROM BLUE MOUNTAIN AERIAL MAPPING 2-FOOT CONTOUR INTERVALS, DATED 04-18-2014.

- AERIAL PHOTOGRAPHY IS DERIVED FROM ESRI WORLD IMAGERY, ACCESSED 9-19-2014.
- PROPERTY BOUNDARIES AS SHOWN HEREON ARE BASED ON TAX PARCEL INFORMATION DERIVED FROM G.I.S AND SHALL NOT BE CONSIDERED AN ACCURATE REPRESENTATION.
- BY GRAPHICAL PLOTTING ONLY, THIS PIPELINE IS NOT LOCATED IN A FEMA DESIGNATED SPECIAL FLOOD HAZARD AREA ACCORDING TO THE FLOOD INSURANCE RATE MAP FOR DODDRIDGE COUNTY, MAP #54017C0225C, WITH A MAP REVISED DATE OF OCTOBER 4, 2011.
- USGS 7.5 MIN. TOPOGRAPHIC QUADRANGLE OXFORD, WV, DATED 2014

IS IS IS

Civil & Environmental Consultants, Inc.

99 Cambridge Place - Bridgeport, WV 26330 Ph: 304.933.3119 - Fax: 304.933.3327

www.cecinc.com

- WETLAND AND STREAM DELINEATIONS BASED ON SURVEYS CONDUCTED BY CEC ON 9-19-2014. STREAM AND WETLAND DATA WAS COLLECTED BY MAPPING GRADE GPS.
- DATUM BASED ON WEST VIRGINIA STATE PLANE COORDINATES SYSTEM, NAD 83 NORTH ZONE, NAVD 88, ELEVATIONS MSL.

PROJECT OWNER/APPLICANT

CONE GATHERING, LLC 200 EVERGREENE DRIVE WAYNESBURG, PA 15370 PH: (724) 627-1246 CONTACT: CAROL PHILLIPS

CIVIL ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 99 CAMBRIDGE PLACE BRIDGEPORT, WV 26330 PH: (304) 933-3119 FAX: (304) 933-3327 CONTACTS: GREG LINDER, P.E.

OXFORD 97 GAS/WATER LINES

HEET 2

TOTAL

LINE TABULATION

HORIZONTAL

613

613

SLOPE LENGTH

642

642

DIAMETER

8",10",12" /

2-16"

8".10".12" /

OXFORD 97 GAS/WATER LINES WEST UNION DISTRICT DODDRIDGE COUNTY WEST VIRGINIA

LAT./LONG: N 39° 13' 55.94" W 80° 48' 08.96" (APPROXIMATE CENTER OF PROJECT)



LEGEND

PROPOSED GATHERING LINE PROPOSED WATER LINE

AERIAL MAP DODDRIDGE COUNTY SCALE IN FEFT

500' 1 INCH = 500 FEET



MISS UTILITY OF WEST VIRGINIA 1-800-245-4848 West Virginia State Law XIV: Chapter 24-C requires that you IT'S THE LAW

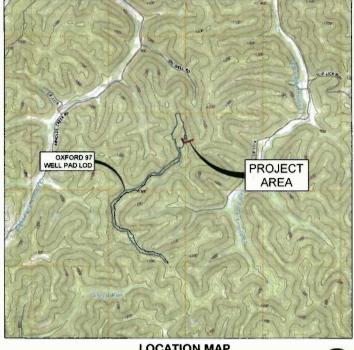
MISS UTILITY OF WEST VIRGINIA ONE CALL WAS PERFORMED ON OCTOBER 3, 2014, TICKET NUMBER 1427674248.

THE FOLLOWING UTILITY COMPANIES MAY BE PRESENT IN THE PROJECT AREA:

- FRONTIER COMMUNICATIONS (FORMERLY VERIZON)

- CONSOL ENERGY ENERGY CORPORATION OF AMERICA FIRSTENERGY CORP DOMINION TRANSMISSION CORPORATION

CALL BEFORE YOU DIG!



LOCATION MAP

OXFORD USGS 7.5' QUAD SCALE IN FEET 2000 1 INCH = 2000 FEET



PLAN REPRODUCTION WARNING

THE PLANS HAVE BEEN CREATED ON ANSI D (22" X 34") SHEETS. FOR REDUCTIONS, REFER TO GRAPHIC SCALE.

THE PLANS HAVE BEEN CREATED FOR FULL COLOR PLOTTING. ANY SET OF THE PLANS THAT IS NOT PLOTTED IN FULL COLOR SHALL NOT BE CONSIDERED ADEQUATE FOR CONSTRUCTION PURPOSES.

WARNING: INFORMATION MAY BE LOST IN COPYING AND/OF GRAY SCALE PLOTTING.

RECEIVING W	ATERS
AQUATIC RESOURCE NAME	WATERSHED
U.N.T. RIGHT FORK ARNOLD CREEK	RIGHT FORK ARNOLD CREEK

	SHEET INDEX
SHEET 1 OF 5	COVER SHEET
SHEET 2 OF 5	ALIGNMENT SHEET STATIONS 0+00 TO 6+13
SHEETS 3-5 OF 5	EROSION & SEDIMENTATION CONTROL NOTES & DETAILS

LIMITS OF CONSTRUCTION AND LIMITS OF DISTURBANCE - 1.07 AC

(+One Gathering LLC

SUMMARY OF MATERIALS DESCRIPTION 8" GASLINE 642 LF 10" GASLINE 642 LF 16" WATERLINE WATERBAR SILT FENCE EROSION CONTROL BLANKET STABILIZED CONSTRUCTION ENTRANCE

THE CONTRACTOR SHALL REFER TO ALL PLANS WITHIN THIS CONSTRUCTION SET. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THE PROJECT.

THE CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES THE CONTRACTOR IS REQUIRED TO CONTACT WEST VIRGINIA ONE CALL SYSTEM PRIOR TO PERFORMING ANY EXCAVATION.

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. DOES NOT GUARANTEE THAT THIS SURVEY OR MAP DEPICTS COMPLETE OR CONCLUSIVE SUBSURFACE INFORMATION, NOR DOES IT REFLECT A COMPLETED BOUNDARY SURVEY.

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OXFORD 97 GAS/WATER LINE

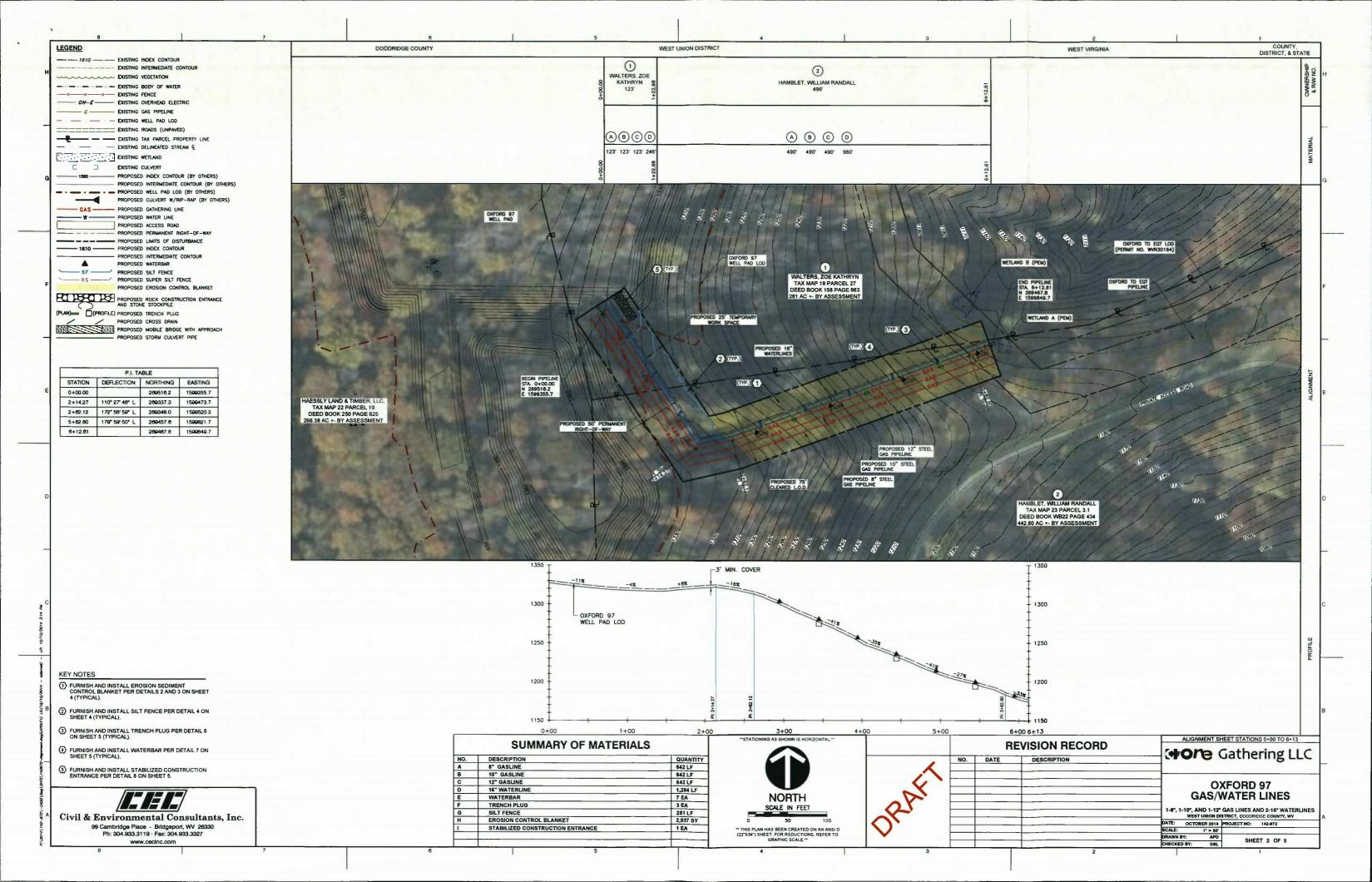
REVISION RECORD

DESCRIPTION

DATE

ES 1-8", 1-10", AND 1-12" GAS LINES AND 2-16" WATERLINES

AS SHOW SHEET 1 OF 5



CONTRACTOR NOTES:

- 1. ALL EXISTING UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. ALTHOUGH THE DATA IS SHOWN AS ACCURATELY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT THE DEVELOPE AND THE ENGINEER NEITHER ASSUME NOR IMPLY ANY RESPONSIBILITY FOR THE ACCURACY OF
- 2 ALL CONTRACTORS/SURCONTRACTORS REPEODMING WORK ON THIS DROJECT SHALL 2. ALL CONTRACT ORSISUBCONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS. SAID EXISTING IMPROVEMENTS SHALL INCLUDE BUT NOT BE LIMITED TO BERMS, DITCHES, FENCES AND PLANTS ANY REMOVAL OR DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED OF REPAIRED BY THE CONTRACTORS AT THEIR EXPENSE AND SHALL BE APPROVED BY
- 3. ALL CONSTRUCTION SHALL MEET OR EXCEED ALL REQUIREMENTS OF THE "PERMITTING ENTITY"
- 4. ALL TESTING SHALL BE DONE BY AN APPROVED LABORATORY AT THE EXPENSE OF THE
- 5. PRIOR TO CONSTRUCTION, ALL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS INCLUDING ALL NOTES, THE CONDITIONS OF ALL PERMITS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFICA. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK II
 ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
- 6. CONTRACTORS SHALL HAVE IN THEIR POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, BONDS, INSURANCE, ETC. CONTRACTORS SHALL EACH HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS, SWPPP, AND GPP ON-SITE AT ALL
- 7. CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS ONTO DEVELOPED AREAS WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR.
- 8. IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND 9-11 WILL BE I HERSPONSIBLE TO BE SECTION FOR THE PROJECT. CONTRACTORS SHALL PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONTRACTORS SHALL CALL WEST VIRGINIA UTILITES PROTECTION SERVICE AT 1-900-245-4469 OR 811 AND CONTRACT THE APPROPRIATE UTILITY COMPANIES OR LINE LOCATIONS AT LEAST 2 WORKING DAYS (48 HOURS) PRIOR TO CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES
- 9. TRENCHES WHICH LIE OUTSIDE EXISTING OR FUTURE PAVEMENTS SHALL BE BACK-FILLED ABOVE THE TOP OF THE EMBEDMENT AND COMPACTED TO 95% PROCTOR DENSITY.
- 10. TOP OF WATERLINE PIPELINE SHALL BE A MINIMUM OF 3'-0" BELOW THE FINISHED GROUND ELEVATION EXCEPT IN AGRICULTURAL FIELDS IN WHICH THE DEPTH SHALL BE 4'-0".
- 11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH OWNER TRENCH SAFETY GUIDELINES AND SHALL BE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATOR'S STANDARDS
- 12. THIS IS NOT A BOUNDARY SURVEY. BOUNDARY LINES AS SHOWN HEREON ARE BASED ON TAX PARCEL INFORMATION DERIVED FROM THE WEST VIRGINIA DEPARTMENT OF REVENUE, DATED 2008.
- 13. CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION TO THE PROJECT DESIGN ENGINEER FOR ANY DEVIATION FOUND RELATIVE TO PROJECT.
- 14.. ÉXISTING EASEMENTS AND/OR RIGHT-OF-WAYS WERE NOT ADDRESSED DURING THIS SURVEY OTHER THAN SHOWN HEREON.
- 15. FENCE LINES ENCOUNTERED DURING CONSTRUCTION SHOULD BE RELOCATED AND REPLACED PER THE GUIDANCE OF THE LANDOWNER AND/OR OWNERS REPRESENTATIVE. CONTRACTOR SHALL SURVEY THE LOCATION OF ALL EXISTING FENCES PRIOR TO REMOVAL AND RECONSTRUCT AFTER CONSTRUCTION IS COMPLETE
- 16. CONTRACTOR IS TO VERIFY HEIGHT OF ANY OVERHEAD POWER LINES PRIOR TO CONSTRUCTION

PRODUCT TRANSPORTED: GAS AND WATER

EROSION CONTROL NOTES:

- 1. ADEQUATE MEASURES SHALL BE TAKEN TO PREVENT EROSION. IN THE EVENT THAT EROSION OCCURS AS A RESULT OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE THE ERODED AREA TO ITS ORIGINAL CONDITION PRIOR TO MUILCHING
- 2. ALL CONSTRUCTION, EROSION CONTROL MEASURES, AND STORM WATER DISCHARGES FROM THE SITE SHALL ADHERE TO THE CONDITIONS OF THE WEST VIRGINIA OIL AND GAS CONSTRUCTION STORMWATER GENERAL PERMIT.

- WATER QUALITY
 THE CONTRACTOR WILL BE RESPONSIBLE FOR WATER QUALITY THROUGHOUT THE OPERATION OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE FOLLOWING:
- IMPLEMENTING THE EROSION CONTROL PLAN DIRECTING THE CONSTRUCTION, OPERATING, AND DISMANTLING OF
- TEMPORARY EROSION CONTROL FEATURES.
 IMPLEMENTING REMEDIAL ACTION REQUIRED TO REPAIR FAILING EROSION
- IMPLEMENTATION CONTINCT FEATURES.

 IMPLEMENTING STORM AND WINTER SHUTDOWN PROCEDURES AS REQUIRED.

 THE CONTRACTOR WILL SHAPE EARTHWORK PRIOR TO THE SUSPENSION OF GRADING OPERATIONS EACH DAY IN A MANNER THAT WILL PERMIT STORM RUNOFF WATH A MINHELL MANDER OF SECONDAY.

AND SEDIMENTATION CONTROL FEATURES.

- WITH A MINIMUM AMOUNT OF EROSION.
 EROSION CONTROL FEATURES INSTALLED BY THE CONTRACTOR WILL BE
- OPERATED AND MAINTAINED IN AN ACCEPTABLE CONDITION.

 WHEN ANY EROSION OR SEDIMENT CONTROL FEATURE HAS REACHED HALF OF IT'S CAPACITY, THE DEVICE IS TO BE CLEANED OUT AND RESTORED

- TO IT'S ORIGINAL CONDITION.
- CONTRACTOR IS ADVISED TO CLOSELY EXAMINE THE WATERBAR DETAILS TO ENSURE THAT A SILT FENCE
- BARRIER IS PLACED AROUND THE OUTLET OF EACH WATERB

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CONSTRUCTION NOTES:

1. DATUM BASED ON WEST VIRGINIA STATE PLANE COORDINATES SYSTEM, NAD 83 NORTH ZONE. NAVD 88. ELEVATIONS MSL

2. PRIOR TO CONSTRUCTION AND CALL WEST VIRGINIA UTILITIES PROTECTION SERVICE AT 1-800-245-4848 OR 811 AND ALL OTHER UTILITY COMPANIES AT LEAST 2 WORKING DAYS (48 HOURS) PRIOR TO

3. ALL EXCAVATION AND EARTH MOVING ACTIVITIES INCLUDING BUT NOT LIMITED TO OPEN EXCAVATIONS, OVERBURDEN AND BACKFILL REQUIREMENTS, FINAL CUT AND FILL SLOPES AND BENCHING REQUIREMENTS WILL BE IN SUBSTANTIAL CONFORMANCE CONSTRUCTION STANDARDS. EXCAVATION - EXCAVATION WILL NOT BE CLASSIFIED AND WILL INCLUDE ALL MATERIALS ENCOUNTERED, REGARDLESS OF NATURE.

- GENERAL CONSTRUCTION SEQUENCE

 1. PRIOR TO COMMENCEMENT OF ANY EARTH DISTURBANCE ACTIVITY, INCLUDING CLEARING GRUBBING, AND GRADING, THE REGISTRANT SHALL CLEARLY DELINEATE SENSITIVE AREAS, THE LIMITS OF CLEARING, AND TREES THAT ARE TO BE CONSERVED WITHIN THE PROJECT SITE. INSTALL APPROPRIATE BARRIERS WHERE EQUIPMENT MAY NOT BE PARKED, STAGED, OPERATED, OR LOCATED FOR ANY PURPOSES.
- SITE ACCESS THIS IS THE FIRST LAND DISTURBANCE ACTIVITY TO TAKE PLACE AT THE SITE, AND SHALL PROVIDE BMPS TO MINIMIZE ACCELERATED EROSION AND SEDIMENTATION FROM THE FOLLOWING AREAS: ENTRANCE TO THE SITE, CONSTRUCTION ROUTES, AND AREAS DESIGNATED FOR EQUIPMENT OR OTHER USE AT THE SITE INCLUDING PARKING AND STOCKPILES.
- SEDIMENT BARRIERS INSTALL PERIMETER BMPS AFTER THE CONSTRUCTION SITE IS ACCESSED KEEPING THE ASSOCIATED GRUBBING AND GRADING LIMITED TO ONLY THAT AMOUNT REQUIRED FOR INSTALLING PERIMETER BMPS.
- 4. LAND GRUBBING AND GRADING IMPLEMENT GRUBBING AND GRADING ONLY AFTER ALL DOWNSLOPE PERIMETER EROSION AND SEDIMENTATION BMPS HAVE BEEN CONSTRUCTED AND
- PIPELINE TO BE INSTALLED AS SOON AS PRACTICABLE AFTER CLEARING AND GRUBBING OF THE RIGHT-OF-WAY. LARGE DIAMETER PIPELINES WITH WELDED JOINTS WHERE THE PIPE JOINTS ARE WELDED WHILE THE PIPELINE IS OUT OF THE TRENCH USUALLY REQUIRE A FAIRLY LONG LENGTH OF OPEN PIPELINE TRENCH. THE TOTAL TIME OF EARTH EXPOSURE FOR THIS TYPE OF PIPELINE CONSTRUCTION, INCLUDING THE ACCESS ROADWAY PARALLEL TO THE PIPELINE, SHOULD GENERALLY BE LIMITED TO NO MORE THAN 60 CALENDAR DAYS AT ANY GIVEN POILS OF THE PIPELINE. THENCH SPOILS SHALL BE PLACED ON THE UPSLOPE SIDE OF THE RIGHT-OF-WAY AND MILL SERVE AS A TEMPORARY DIVERSION FOR UPSLOPE SIDE OF THE RIGHT-OF-WAY AN WILL SERVE AS A TEMPORARY DIVERSION FOR UPSLOPE RUNOFF DURING PIPELINE INSTALLATION. RIGHT-OF-WAY SHALL BE STABILIZED WITH SEED AND STRAW AND/OR ROLLED EROSION CONTROL MATTING AS SPECIFIED ON PLANS AS SOON AS PRACTICABLE FOLLOWING INSTALLATION OF PIPELINE. THESE OPERATIONS SHALL BE CONDUCTED PROGRESSIVELY ALONG PIPELINE ALIGNMENT (IE. THE PIPELINE TRENCHING AND INSTALLATION CREW SHALL FOLLOW CLOSELY BEHIND THE CLEARING AND GRUBBING CREW, AND THE SOIL STABILIZATION CREW SHALL FOLLOW CLOSELY BEHIND THE PIPELINE INSTALLATION CREV
- FOR SIDE-SLOPE CONSTRUCTION, TOPSOIL AND TRENCH SPOILS SHALL BE PLACED AT THE UPHILL LIMIT OF THE CONSTRUCTION RIGHT-OF-WAY. THIS MATERIAL SHALL BE PLACED IN SEPARATE SPOIL PILES WITH THE UPPERMOST PILE FORMING A BERM TO DIVERT CLEAN WATER RUNOFF FROM THE AREA UPSLOPE OF THE CONSTRUCTION RIGHT-OF-WAY. THE UPSLOPE FACE OF THE SPOIL PILES/DIVERSION BERMS SHALL BE STABILIZED INMEDIATELY AFTER PLACEMENT WITH STRAW MULCH AND TEMPORARY SEEDING TO CREATE A STABILIZED CONVEYANCE MEASURE FOR STORMWATER RUNOFF AND PREVENT EROSION OF THE BERM AND POLLUTION OF THE CLEAN WATER WITH SEDIMENT. IF SUFFICIENT MATERIAL TO BUILD A BERM IS NOT THE CLEAN WATER WITH SEDIMENT. IF SUFFICIENT MATERIAL TO BUILD A BERM IS NOT AVAILABLE, A DIVERSION CHANNEL MAY BE USED IN PLACE OF THE BERM. THE CONTRACTOR IS RESPONSIBLE FOR SELECTING AND PROVIDING RELIEF CUTS (OPENINGS) IN THE UPSLOPE DIVERSION TO ALLOW ACCUMULATED CLEAN WATER RUNOFF TO BE CONVEYED ACROSS THE CONSTRUCTION RIGHT-OF-WAY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A STABLE RIGHT-OF-WAY CROSS CONVEYANCE FOR THIS CLEAN WATER RUNOFF IN THE FORM OF AN UNDISTURBED AREA, STABILIZED CHANNEL, TEMPORARY CONVEYANCE PIPE, OR SOME COMBINATION THEREOF. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A STABLE OUTFALL AT THE DISCHARGE POINT OF THE RIGHT-OF-WAY CROSS CONVEYANCE MEASURE. THE CONTRACTOR SHALL REGULARLY INSPECT THE RIGHT-OF-WAY CROSS CONVEYANCE MEASURE. CONTRACTOR SHALL REGULARLY INSPECT THE RIGHT-OF-WAY CROSS CONVEYANCE MEASURES TO IDENTIFY SIGNS OF EROSION OR OFFSITE SEDIMENT POLLUTION. IT IS THE INTENT OF THIS PLAN THAT THE RUNOFF DIVERTED BY THE UPSLOPE DIVERSION AND CONVEYED BY THE RIGHT-OF-WAY CROSS CONVEYANCE MEASURES WILL BE KEPT FREE OF SEDIMENT POLLUTION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR AND MAINTAIN RIGHT-OF-WAY CROSS CONVEYANCE MEASURES THAT WILL ACHIEVE THIS GOAL. STABILIZATION OF PROBLEM AREAS SHALL BE HANDLED BY THE CONTRACTOR ON A SITE-SPECIFIC, CASE-BY-CASE BASIS IN CONSULTATION WITH THE ENGINEER-OF-RECORD.
- SURFACE STABILIZATION 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 SHOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS CONDITIONS ALLOW, WHERE CONSTRUCTION ACTIVITY THAT WITH LESSINE ON A DEPUTAD OF THE SITE MEMBERS AND AS THE STABLES AND AS THE SITE MEMBERS AND AS THE STABLES AND AS THE STABLES AND AS THE SITE MEMBERS AND AS THE S CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (E.G., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY HALTED IS LESS THAN 21 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.
- CONSTRUCTION DURING CONSTRUCTION, INSTALL AND MAINTAIN ANY ADDITIONAL FAS BMPS AND IMPLEMENT ANY STRUCTURAL POST CONSTRUCTION STORMWATER BMPS THAT MAY BE
- FINAL STABILIZATION AREAS SHOULD BE RETURNED TO PRECONSTRUCTION CONDITIONS IN TERMS OF GRADE AND VEGETATIVE STABILIZATION TO RESTORE DRAINAGE PATTERNS. AFTER CONSTRUCTION IS COMPLETED, INSTALL STABILIZATION BMPS INCLUDING: PLACING TOPSOIL AND PERMANENT SEEDING, MULCHING, AND COMPLETE IMPLEMENTATION OF STORMWATER BMPS (AS APPROPRIATE) AS SHOWN ON THE PLANS. STABILIZE ALL OPEN AREAS INCLUDING
- 10. AFTER 70 PERCENT UNIFORM, VEGETATIVE COVER HAS BEEN ACHIEVED AND THE SITE HAS BEEN STABILIZED, REMOVE ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS AND STABILIZE ANY DISTURBANCES ASSOCIATED WITH THE REMOVAL OF THE BMPS. TEMPORARY BMPS MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: COMPOST FILTER SOCK, WETLAND CROSSINGS (REMOVE IMMEDIATELY UPON WORK COMPLETION IN THAT AREA), RIGHT-OF-WAY DIVERSIONS, STABILIZED CONSTRUCTION ENTRANCES, ETC.

EROSION & SEDIMENT CONTROL NARRATIVE

EROSION CONTROL PROGRAM EROSION CONTROL SHALL BE MAXIMIZED THROUGH RAPID STABILIZATION OF THE DISTURBED AREAS AND BY DIVERTING EROSION CONTINO, SPALLE DE MOUNTAILED I MOUDEN REPUBLISATION OF THE LIST TO BE STUDENTS OF THE LIST THE STUDENTS OF THE STUDE (OUTSIDE STREAMWETLAND CROSSING AREAS) SEEDED, AND MULCHED AFTER 14 DAYS WHEN TEMPORARY OR FINAL GRADE IS ESTABLISHED IF NO WORK IS PLANNED IN THAT AREA DURING THE POLLOWING TO DAYS (I.E. 21 CONSECUTIVE DAYS) REVEGETATION ACTIVITIES SHALL BE PERFORMED IN AN AGGRESSIVE MANNER THROUGHOUT THE CONSTRUCTION PROCESS.

SEDIMENT CONTROL PROGRAM
SEDIMENT CONTROL SHALL BE ACCOMPLISHED THROUGH RAPID STABILIZATION AND BY THE INSTALLATION OF
STRUCTURAL DEVICES, AS SHOWN ON THE CONSTRUCTION PLANS.

- VEGETATIVE PRACTICES

 1. SURFACE ROUGHENING AREAS TO BE SEEDED SHALL BE LIGHTLY ROUGHENED AND LOOSE TO A DEPTH OF 2" TO 4" PROOR TO SEEDING AREAS WHICH HAVE BEEN GRADED AND WILL NOT BE STABILIZED IMMEDIATELY, MAY BE ROUGHENED TO REDUCE VELOCITY UNTIL SEEDING TAKES PLACE.
- 2 TOP SOLING (STOCKPILE) TOPSOIL WILL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER USE. STOCKPILE LOCATION SHALL BE LOCATED WITHIN CONSTRUCTION RW, AND TO BE STABILIZED WITH TEMPORARY VEGETATION. AREAS OF STOCKPILE, ONCE REMOVED, SHALL BE GRADED/RESTORED & PERMANENTLY.

TEMPORARY STABILIZATION - SELECTION OF THE SEED MIXTURE WILL DEPEND ON THE TIME OF THE YEAR IT IS APPLIED AND SHALL BE DONE WITH TEMPORARY SEEDING MEASURES SPECIFIED BELOW, MULCHING SHALL BE APPLIED AT A RATE OF TWO TONS OF STRAW O R WEED FREE HAY PER ACRE. EXCEPT IN STREAMWETLAND CROSSING AREAS, FERTILIZER SHALL BE APPLIED AT A RATE OF 1,000 LBS/ACRE AND LIME SHALL BE APPLIED AT 1.0 TON/ACRE.

PERMANENT STABILIZATION
ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY ALL AREAS DISTORBED BY CONSTRUCTION SPACE BE STABILIZED WITH PERMANENT SEEDING IMMEDIAL ELY FOLLOWING FINISHED GRADING. SEEDING SHALL BE DONE WITH PERMANENT SEEDING MEASURES AS SPECIFIED BELOW, IN ALL SEEDING OPERATIONS, SEED WILL BE APPLIED ATO TO MULCHING. MULCHING SHALL BE APPLIED AT A RATE OF TWO TONS OF STRAW OR WEED FREE HAY PER ACRE. OUTSIDE OF STREAMMETLAND CROSSING AREAS, FERTILIZER SHALL BE APPLIED AT A RATE OF 1000 LBS/ACRE AND LIME SHALL BE APPLIED AT 1.0 TON/ACRE.

"NOTE: SEED MIXES SHALL NOT BE MODIFIED WITHOUT APPROVAL OF ENGINEER

SEED MIXTURE: OUTSIDE STREAMWETLAND CROSSING

PERMANENT SEEDING		
SPECIES	PLANTING DATES	APPLICATION RATE LBS/ACRE
SWITCHGRASS	3/1-6/5 8/15-9/15	15
PERENNIAL RYEGRASS	3/1-6/5 8/15-9/15	20
REDTOP	3/1-6/15	5
BIRDSFOOT TREFOIL	3/1-6/5 8/15-9/15	15
JAPANESE MILLET	06/16-08/14	15
WINTER RYE	09/16-08/28	65

LIME: AGRICULTURAL GROUND LIMESTONE AT 1 TON PER ACRE LIME: AGRICULTURAL GROUND LIMESTONE AT 1 TON PER ACR FERTILIZER: 10-20-10 AT A RATE OF 1,000 POUNDS PER ACRE. MULCH, GRASS HAY OR CEREAL STEAW AT 2 TONS PER ACRE. ANCHOS STRAW AND HAY WITH ASPHALT EMULSION, CHEMICAL ANCHORING SOLUTION, NETTING OR A LICULD MULCH BINDER SHOULD NOT BE USED WITHIN TO PEET OF A WETLAND OR

TEMPORARY SEEDING				
IEM	PURART SEEL	JING		
KIND OF SEED	PLANTING DATES	APPLICATION RATE LBS/ACRE		
ANNUAL RYEGRASS	2/18-5/15 8/1-11/1	40		
FIELD BROMEGRASS	3/1-6/15 8/1-9/5	40		
SPRING OATS	3/1-6/15	100		
WINTER RYE	8/15-2/28	170		
WINTER WHEAT	8/15-2/28	180		
JAPANESE MILLET	5/15-8/15	30		
REDTOP	3/1-6/15	10		
ANNUAL RYEGRASS AND SPRING OATS	3/1-6/15	30 70		
GERMAN/FOXT AIL MILLET	5/1-8/1	40		
HAIRY VETCH	8/15-4/1	60		

MINIMUM CONSTRUCTION STANDARDS NARRATIVE

- FERTILIZING, SEEDING, AND MULCH SHALL BE APPLIED TO ALL DISTURBED AREAS WHERE PENTILLANS, SECURISA, AND MUDICITIES FOR A PERIOD OF 7 DAYS OR MORE AND TO CONSTRUCTION IS NOT TO BE CONDUCTED FOR A PERIOD OF 7 DAYS OR MORE AND TO ALL AREAS WHERE FINAL GRADE HAS BEEN REACHED, WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, THE STABILLATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 77H DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED, REVEGETATION ACTIVITIES SHALL BE PERFORMED IN AN AGGRESSIVE MANNER THROUGHOUT THE CONSTRUCTION PROCESS.
- DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES SHALL BE STABILIZED WITH
- PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE, AND WILL INHIBIT EROSION 70% VEGETATIVE COVER SHALL BE CONSIDERED STABLIZED.
- WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBIC ROADS, PROVISIONS SHALL BE MADE TO MINIMEE THE TRANSPORT OF SEDMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE WHERE SEDMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED.
 THOROUGHLY AT THE END OF EACH DAY, SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL
- ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE LINTIL VEGETATION IS WELL ESTABLISHED ON ALL AREAS TO WHICH THE STRUCTURE IS BEING UTILIZED. NO EROSION CONTROL MEASURE CAN BE CHANGED OR REMOVED WITHOUT THE PERMISSION OF THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF.
- ALL MEASURES USED TO PROTECT PROPERTIES AND WATERWAYS SHALL BE EMPLOYED IN A MANNER WHICH MINIMIZES IMPACTS ON THE PHYSICAL CHEMICAL AND BIOLOGICAL INTEGRITY OF RIVERS, STREAMS, AND OTHER WATERS OF THE STATE.
- STABILIZATION MEASURES SHALL BE APPLIED IMMEDIATELY TO EARTHEN STRUCTURES SUCH AS BERMS AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
- AREAS WHERE THE SEED HAS FAILED TO GERMINATE ADEOLIATELY (LINIFORM 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
- 10. CLEAN WATER DIVERSIONS MUST BE STABILIZED PRIOR TO RECOMING RUNCTIONAL

MAINTENANCE PROGRAM
ALL PERSONNEL INVOLVED IN THE INSTALLATION OF THE TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE PROPERLY INSTRUCTED ON THE CORPECT INSTALLMENT PROCEDURES OF EACH MEASURE. ON THE JOB TRAINING SHALL BE CONDUCTED TO BISURE THOSE PERSONNEL PERFORMING CONSTRUCTION ACTIVITIES ON THE PROJECT SITE ARE E OF THE COMPONENTS, METHODS, AND EXPECTED PERFORMANCE OF THE EROSION &

AT A MINIMUM, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOLIRS AFTER ANY STORM EVENT OF GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIOD.

ALL STRUCTURES ARE TO BE REPAIRED OR REPLACED IMMEDIATELY UPON THE FINDING OF ANY DEFICIENCY, REFER TO NOTES ON EROSION AND SEDMENT CONTROL MEASURE DETAILS FOR ADDITIONAL INFORMATION.

CONSTRUCTION ENTRANCES: INSPECTION SHALL BE MADE DAILY FOR ENTRANCE INTEGRITY; REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. THE EXISTING ROAD/DRIVEWAY SHALL BE MADE IN MEDIATELY. THE EXISTING ROAD/DRIVEWAY SHALL BE MANITAINED AND REMAIN ACCESSIBLE TO USERS.

RIGHT OF WAY INTERCEPTOR DIVERSION: INSPECTION SHALL BE MADE ONCE EVERY WEEK AND AFTER EVERY RANNFALL EVENT OF 0.5 INCH OR MORE WHETHER A STORM EVENT HAS OCCURRED OR NOT AND REPAIRS SHALL BE MADE AS NECESSARY. IN AREAS WHERE CONSTRUCTION IS ACTIVELY OCCURRING, INSPECTIONS SHALL BE PERFORMED DAILY AND ANY DAMAGE SHALL BE REPAIRED BY THE END OF THE DAY.

SILT FENCE/SILT SOCK INSPECTION SHALL BE MADE DAILY FOR FENCE INTEGRITY; REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. FENCES SHOULD BE INSPECTED AFTER RAINFALL OF 0.5 INCHOR GREATER SEDIMENT IS TO BE REMOVED WHEN DEPOSITS REACH ONE-HALF THE FENCE

PERMANENT SEEDING: SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE A GOOD STAND OF GRASS IS BEING MAINTAINED, AREAS THAT FALL TO ESTABLISH VEGETATIVE COVER ADEQUATE TO PREVENT RILL EROSION SHALL BE RE-SEEDED AS SOON AS THEY ARE IDENTIFIED.

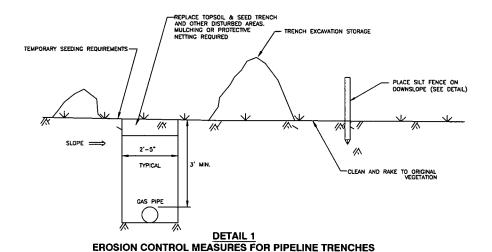
MULCHING: ALL MULCHED AREAS SHALL BE INSPECTED PERIODICALLY, PARTICULARLY AFTER RAINSTORMS, TO CHECK FOR EROSION. REPAIR AS NEEDED.

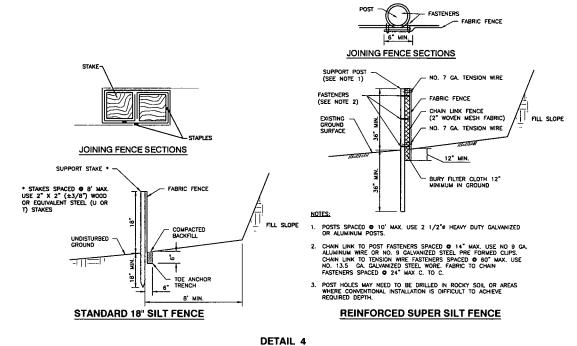
DEVICES SHOWN ARE TO BE CONSIDERED AS MINIMUM EROSION AND SEDIMENTATION CONTROLS ADDITIONAL CONTROLS MAY BE INCICES AND MAD SEDMENTATION CONTROLS. ADDITIONAL CONTROLS MAY BE INCICES AND FUE TO CONTRACTORS PHASING OR OTHER UNANTICIPATED CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE ADDITIONAL DEVICES AND RECESSARY IN ORDER TO CONTROL EROSION AND SEDMENTATION. EROSION AND SEDMENTATION MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE POLICIES AND REQUIREMENTS OF THE WEST VIRGINAL DEPARTMENT OF ENVIRONMENTAL PROTECTION BEST MANAGEMENT PRACTICES MANUAL. CONTROLS MAY BE REMOVED AFTER THE AREAS ABOVE THEM HAVE BEEN STABILIZED AND WITH THE APPROVAL OF

SPECIAL CARE NOTES
IT IS THE INTENT OF THIS PLAN TO PRECLUDE SEDIMENT POLLUTION FROM LEAVING THE IT IS THE INTENT OF THIS PLAN TO PRECIDE SEDIMENT POLITION FROM LEAVING THE DELINEATED CONSTRUCTION ZONES. THE CONTRACTOR AND THE DEVELOPER'S HALL TAKE SPECIAL CARE TO PREVENT CONSTRUCTION DEBRIS AND MUD FROM BEING TRACKED ONTO SURROUNDING PUBLIC AND PROVATE ROADS. CONSTRUCTION TRAFFIC SHALL ONLY ENTER AND EXIT THE CONSTRUCTION STEW ADDRESSINATED LOCATIONS. THE CONTRACTOR AND DEVELOPER SHALL TAKE SPECIAL CARE TO PROTECT THE EXISTING VEGETATION AND ATERWAYS OUTSIDE OF THE DESIGNATED LIMITS OF WORK SHOWN ON THE PLAN

EROSION AND SEDIMENT CONTROL NOTES

NO. DATE DESCRIPTION OXFORD 97 GAS/WATER LINES 1-8*, 1-10*, AND 1-12* GAS LINES AND 2-16* WATERLY WEST UNION DISTRICT, CODDRIGGE COUNTY, WY DATE: OCTOBER 2016 PROJECT NO: 142-472 SCALE: AS SHOWN.			RE	EVISION RECORD			Cathoring IIC
GAS/WATER LINES 1-8", 1-10", AND 1-12" GAS LINES AND 2-10" WATERLY WEST UNION DISTRICT, COODDRIGGE COUNTY, WY DATE: OCTOBER 2014 PROJECT NO: 142-672 SCALE: AS SHOWN	4	NO.	DATE	DESCRIPTION		rore (dathering LLC
1-8", 1-10", AND 1-12" GAS LINES AND 2-16" WATERLI WEST UNION DISTRICT, COODDRIDGE COUNTY, WV DATE: OCTOBER 2014 PROJECT NO: 142-872 SCALE: AS SHOWN							
SCALE: AS SHOWN					1-8"	, 1-10", AND 1-12"	GAS LINES AND 2-16" WATERLINES
	() "						PROJECT NO: 142-872
DRAWN BY: APO CHECKED BY: GSL SHEET 3 OF 5	~						SHEET 3 OF 5





SILT FENCE DETAILS

NOT TO SCALE

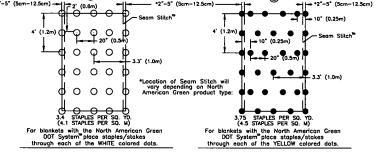
TAPLE PATTERN GUIDE

**2"-5" (3cm-12.5cm)

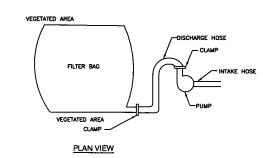
**3" (3.9m)

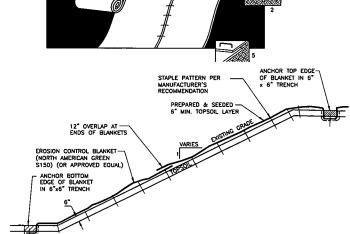
**4" (3.8m)

**5" (3cm-12.5cm)



EROSION CONTROL BLANKET STAPLE PATTERN NOT TO SCALE





NOTES:

- . PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LINE, FERTILIZER, AND SEED.
- BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN 6" DEEP X 6" WIDE TRENCH, BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- 3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE.
- 4. THE EOGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP.
- WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 12" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
- 6. EROSION CONTROL BLANKETS SHALL BE INSTALLED ON ALL 3:1 OR STEEPER SLOPES
- 7. REFER TO DETAIL, THIS SHEET FOR STAPLE PATTERN.

Mobi.

DETAIL 3 EROSION CONTROL BLANKET

NOTES

- FILTER BAGS MAY BE USED TO FILTER WATER PUMPED FROM DISTURBED AREAS SUCH AS UTILITY TRENCHES AND FOOTERS.
- FILTER BAGS SHALL BE MADE FROM NON-MOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH DOUBLE STITCHED "J" TYPE SEEMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRO
- FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 172 FULL. SE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE FILLED FALED. FILTER BAGS WILL BE DISPOSED OF AT A WYDEP APPROVED FACILITY.
- DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NO POSSIBLE, A GEOTEXTILE UNED FLOW PATH SHALL BE PROVIDED. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5 PERCENT.
- THE PUMP RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHOULD BE FLOATING AND SCREENED.
- 6. FILTER BAGS SHALL BE INSPECTED DAILY AND ANY CORRECTIVE ACTION REQUIRED SHALL BE DONE IMMEDIATELY.

DETAIL 5 GEOTEXTILE FILTER BAG

REVISION RECORD

NO. DATE DESCRIPTION

OXFORD 97
GAS/WATER LINES

1-8", 1-10", AND 1-12" GAS LINES AND 2-16" WATERLINES
WEST UNION DISTRICT, DODDRIDGE COUNTY, WY
DATE OCTOBER 2014 PROJECT NO: 142-472

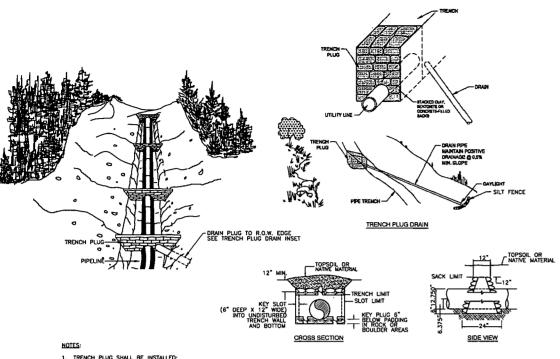
SCALE: AS SHOWN
DRAWN BY: APD
CHECKED 89"; GSL

SHEET 4 OF 5

vironmental Consul

Civil & Environmental Consultants, Inc.

99 Cambridge Place - Bridgeport, WV 26330 Ph: 304.933.3119 - Fax: 304.933.3327 www.cecinc.com



- 1. TRENCH PLUG SHALL BE INSTALLED:

 ON SLOPES ALONG THE TRENCH LINE WHERE THE NATURAL DRAINAGE PATTERN, PROFILE, AND TYPE OF BACKFILL MATERIAL MAY RESULT IN LOSS OF BACKFILL MATERIAL OR ALTERATION OF NATURAL PATTERN:

 AT THE BASE OF SLOPES ADJACENT TO WATERBODIES AND WETLANDS

 WHERE NEEDED TO AVOID DRAINING A WETLAND

 ON UPLAND SLOPES, AT THE SAME SPACING AS SLOPE BREAKERS AND UP SLOPE OF SLOPE BREAKERS

 IN CULTIVATED LAND AND RESIDENTIAL AREAS WHERE PERMANENT SLOPE BREAKERS ARE NOT TYPICALLY INSTALLED, AT THE SAME SPACING AS IF PERMANENT SLOPE BREAKERS WHERE REQUIRED.
- AS AN ALTERNATIVE TO THE MATERIALS SPECIFIED IN THE TABLE BELOW, OPEN WEAVE HEMP OR JUTE SACKS MAY BE FILLED WITH A MINIMUM OF 5516s. MINTURE OF 1 PART CEMENT TO 6 PARTS SAND OR SUBSOIL SO THAT NATURAL GROUND WATER WILL PERMIT MINTURE TO EXUDE AND BOND SACKS TOGETHER.
- 4. ALL MATERIALS SHALL BE SUPPLIED BY CONTRACTOR.
- GEOTECHNICAL POLYURETHANE FOAM TRENCH PLUGS MAY BE USED IN LIEU OF SACKS FILLED WITH CEMENT / SOIL MIXTURE.
- TRENCH PLUG SPACING SHOWN BELOW IS THE MAXIMUM ALLOWABLE PER PADEP REGULATIONS. ALL TRENCH PLUG LOCATIONS SHOWN ARE APPROXIMATE. FINAL LOCATIONS WILL BE FIELD IDENTIFIED BY A QUALIFIED INDIMIDUAL TO ACCOMMODATE PIPELINE FITTINGS, SIDE BENDS, OVER BENDS AND SAG BENDS TO ASSURE THAT ALL TRENCH PLUG INDUCED STRESSES ARE MINIMIZED.

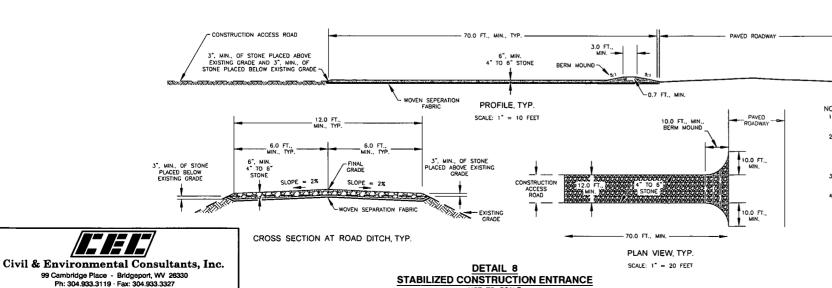
	MAXIMUM SI	PACING AND MATERIALS FOR TRENCH PLUGS
TRENCH SLOPE (%)	SPACING L (FEET)	TRENCH PLUG MATERIAL
0 ~ 5	1,000	*CLAY, BENTONITE, OR CONCRETE FILLED SACKS, OR AS SPECIFIED IN NOTES 2 AND 5
5 15	500	*CLAY, BENTONITE, OR CONCRETE FILLED SACKS, OR AS SPECIFIED IN NOTES 2 AND 5
15 - 25	300	*CLAY, BENTONITE, OR CONCRETE FILLED SACKS, OR AS SPECIFIED IN NOTES 2 AND 5
25 - 35	200	*CLAY, BENTONITE, OR CONCRETE FILLED SACKS, OR AS SPECIFIED IN NOTES 2 AND 5
35 - 100	100	*CLAY, BENTONITE, OR CONCRETE FILLED SACKS, OR AS SPECIFIED IN NOTES 2 AND 5
OVER 100	50	CEMENT FILLED BACS (WETTER) MORTABER STONE OR CENTECHNICAL BOLMIBETUANE FOAM

*TOPSOIL MAY NOT BE USED TO FILL SACKS.

www.cecinc.com

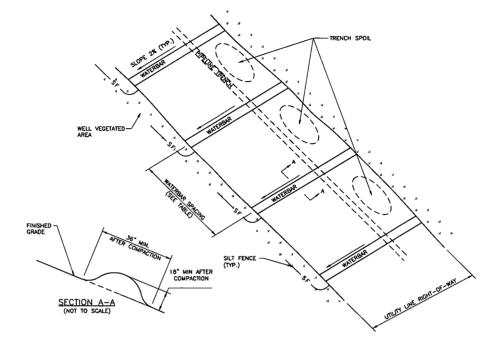
**IMPERMOUS TRENCH PLUGS ARE REQUIRED AT ALL STREAM, RIVER, WETLAND, OR OTHER WATERBODY CROSSINGS.

TRENCH PLUG



STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



4" to 6" STONE SHALL MEET THE GRADATION REQUIREMENTS FOR CLASS 7 AGGREGATE IN TABLE 704.6.2A OF THE WYDOH STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.

TURNOUTS ONTO PAVED ROADS FROM

TURNOUTS ONTO PAYED ROADS FROM STONE CONSTRUCTION ENTRANCES SHALL BE A MINIMUM OF 10.0 FEET AS MEASURED ALONG THE PAYED ROAD, REGARDLESS OF THE ANGLE AT WHICH THE STONE CONSTRUCTION ENTRANCE ENCOUNTERS THE PAYED ROAD.

- A SOFT TRENCH PLUG WILL BE USED IN AREAS WHERE WATER MUST BE CONVEYED ACROSS THE PIPELINE TRENCH.

ING FOR PERMANENT/TEMPO	DRARY WATERBARS
>200' FROM STREAMS	<200' FROM STREAMS
400	200
300	150
200	100
100	50
50	25
	>200' FROM STREAMS 400 300 200

• IT IS DIFFICULT TO INSTALL DIVERSIONS ON SLOPES STEEPER THAN 35%. OTHER CONTROL MEASURES MAY BE REQUIRED

DETAIL 7 TYPICAL WATERBAR INSTALLATION

> EROSION AND SEDIMENT CONTROL DETAILS **REVISION RECORD** (**♦One** Gathering LLC DESCRIPTION **OXFORD 97 GAS/WATER LINES** 1-8", 1-10", AND 1-12" GAS LINES AND 2-16" WATERLINES WEST UNION DISTRICT, DODDRIDGE COUNTY, WV AS SHOWN
>
> APD SHEET 5 OF 5

LEGAL ADVERTISEMENT:

Doddridge County Floodplain Permit Application Please take notice that on the 18th day of December, 2014 Cone Gathering, LLC filed an application for a Floodplain Permit to develop land located at or about:
West Union District 39.232615N/80.803228W to 39.232502N/80.801482W Permit #14-323 Oxford 97 Gas & Water pipelines (Note: This project is not within the floodplain) The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. As this project is outside the FEMA identified floodplain of Doddridge County, Doddridge County Floodplain Management has no regulatory authority. Any interested persons who desire to comment shall present the same in writing by January

Delivered to the: Clerk of the County Court 118 E. Court Street, West Union, WV 26456 Beth A. Rogers, Dodd.idge County Clerk Edwin L. "Bo" Wriston, Doddridge County Flood Plain Manager

1-6-2xb

STATE OF WEST VIRGINIA, COUNTY OF DODDRIDGE, TO WIT

I, Virginia Nicholson, Editor of THE HERALD RECORD, a weekly newspaper published regularly, in Doddridge County, West Virginia, Do Hereby Certify That the Accompanying Legal Notice Entitled: was published in said paper for successive weeks beginning with the issue ending with the issue of WORD SPACE at amounts to the sum of \$... 2. 1. c.l. 4. FOR FIRST PUBLICATION, SECOND **PUBLICATION IS 75% OF THE FIRST PUBLICATION** and each publication thereafter **SWORN TO AND SUBSCRIBED** BEFORE ME THIS THE . NOTARY PUBLIC





The Doddridge Independent **PUBLISHER'S CERTIFICATE**

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

Please take notice that on the 18th day of December, 2014
Cone Gathering, LLC
filed an application for a Floodplain Permit to develop land
located at or about:
West Union District
39.232615N/80.803228W to 39.232502N/80.801482W
Permit #14-323 Oxford 97 Gas & Water pipelines

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

Edwin Wriston, Doddridge County Floodplain Manager& Doddridge County Commission

Given under my hand this Tuesday, January 27, 2015

The publisher's fee for said publication is:

\$ 25.27 1st Run/\$ 18.95 Subsequent Runs This Legal Ad Total: \$ 44.22

Michael D. Zorbi Publisher of The Doddridge Independent Subscribed to and sworn to before me on

D. Wit Flagrend

this date:

Notary Public in and for Doddridge County My Commission expires on



Public Notice • Legal Notice

1/9-1/16

Legal Advertisement: Doddridge County Floodplain Permit Application

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Cone Gathering, LLC

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Clerk of the County Court 118 E. Court Street, West Union, WV 26456 Beth A Rogers, Doddridge County Clerk Edwin L. "Bo" Wriston. Doddridge County Flood Plain Manager

