

Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to ANTERO RESOURCES, 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: #14-243 Marsden Centralized Freshwater Impoundment

Date Approved: 07/10/2014 Expires: N/A

Issued to: ANTERO RESOURCES POC: Emily Kijowski 303-357-7232

Company Address: 1615 WYNKOOP ST

DENVER, CO

Project Address: Greenbrier District

Lat/Long: 39.245960N/80.600106W

Purpose of development: Freshwater Impoundment. Project does NOT impact floodplain.

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

Date:07/10/2014

Legal Advertisement:

Doddridge County

Floodplain Permit Application

Please take notice that on the 3rd day of July, 2014

Antero Resources

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

Greenbrier District 39.245960N / 80.600106W

Permit #14-243 Marsden Centralized Freshwater Impoundment

(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 August 4, 2014, 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

2014 JUL -3 PM 1:21

BETH ALS ALLAL COUNTY CLERK DODDRIDGE COUNTY, WY

July 2, 2014



Antero Resources 1615 Wynkoop Street Denver, CO 80202 Office 303.357.7310 Fax 303.357.7315

Doddridge County Commission Attn: Bo Wriston, Doddridge County Floodplain Manager 118 East Court Street, Room 102 West Union, WV 26456

Mr. Wriston:

Antero Resources Appalachian Corporation (Antero) would like to submit a Doddridge County Floodplain permit application for our Marsden Centralized Fresh Water Impoundment. Our project is located in Doddridge County, Greenbrier District and per FIRM map #54017C0255C, this location is not within the floodplain.

Attached you will find the following:

- Doddridge County Floodplain Permit Application
- > Marsden FWI Construction Plans
- ➤ FIRM Map
- > WV Flood Tool Map

If you have any questions please feel free to contact me at (303) 357-7232.

Thank you in advance for your consideration.

Sincerely,

Emily Kijowski

Permit Representative

Gully Tri

Antero Resources Appalachian Corporation

Enclosures

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	
DATE _July 2, 2014	

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: Antero Midstream LLC - Randy Kloberdanz,	
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202	
TELEPHONE NUMBER: Contact Emily Kijowski: (303)-357-7232	

BUILDER'S NAME: Antero Midstream LLC
ADDRESS: 1615 Wynkoop Strett, Denver, CO 80202
TELEPHONE NUMBER: (303)-357-7310
ENGINEER'S NAME: L&W Enterprises, Inc.
ADDRESS: PO Box 826, 14 South Grove Street, Petersburg, WV 26847
TELEHONE NUMBER: (304)-257-4818
PROJECT LOCATION:
NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Richard E. Marsden and Wilma J.
Marsden
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) 3107 E. Nance Street, Mesa,
Arizona 85213
DISTRICT: Greenbrier
DATE/FROM WHOM PROPERTY
PURCHASED: N/A
LAND BOOK DESCRIPTION:
DEED BOOK REFERENCE: Book 229, Page54
TAX MAP REFERENCE: Tax Map 4, Parcel 16
EXISTING BUILDINGS/USES OF PROPERTY: None
NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT
PROPERTY See above
ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE
SUBJECT PROPERTY

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

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	<u>AC</u>	IIVIIY				STRU	ICTUI	RAL TYPE	
X []	New Struct	ure			[]			(1 – 4 Family)	
	Alteration				[] []			(more than 4 Family) ntial (floodproofing)	
[]	Relocation				[]			Jse (res. & com.)	
[]	Demolition	ſ			Ö		cemer		
[]	Manufactu	red/Mo	bil Home			•			
B. X	OTHER DE	VEOPL I	MENT ACTIN	/ITIES:	Drilling	·	[]	Pipelining	
X	Grading		, and the second	.,	2,)	IJ	ripeiiiiig	
[]	Excavation	(except	for STRUCTUE	RAL DEVE	ELOPMENT	Check	ed ab	ove)	
[]			cation (includi						
[]			nents (includir						
X	Road, Stree	t, or Bri	dge Construct	ion				•	
[]	Subdivision	(includi	ng new expan	sion)				•	
[]	Individual V	Vater or	Sewer Systen	n					

C. STANDARD SITE PLAN OR SKETCH

Other (please specify)

[]

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

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

ACTUAL TOTAL CONSTRUCTION COSTS OF THE COMPLETE DEVELOPMENT
IRRESPECTIVE OF WHETHER ALL OR ANY PART OF THE SUBJECT PROPOSED
CONSTRUCTION PROJECT IS WITHIN THE FLOODPLAIN \$ N/A-Project is not located within the floodplain

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED). **NAME:** N/A-No properties sharing an NAME:____ ADDRESS: immediate common boundary up or ADDRESS: down stream due to the location not being in floodplain NAME:___ NAME:_____ ADDRESS: ADDRESS: 1. NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON ANY ADJACENT PROPERTY AT THE TIME THE FLOODPLAIN PERMIT APPLICATION IS FILED AND THE NAME AND ADDRESS OF AT LEAST ONE ADULT RESIDING IN ANY HOME ON ANY PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY. NAME: N/A-No properties sharing an NAME:_____ ADDRESS: immediate common boundary up ADDRESS: or down stream due to the location____ not being in floodplain NAME:____ NAME:_____ ADDRESS: ADDRESS:____

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED

E. CONFIRMATION FORM

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

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

- (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.

NAM	E (PRINT): Randy Kloberdanz	•
SIGN	ATURE:	DATE:_July 2, 2014
After Admi	completing SECTION 2, APPLICANT should submit form to nistrator/Manager or his/her representative for review.	Floodplain
SECT Adm	ION 3: FLOODPLAIN DETERMINATION (to be con inistrator/Manager or his/her representative)	npleted by Floodplain
THE	PROPOSED DEVELOPMENT:	
THE P	ROPOSED DEVELOPMENT IS LOCATED ON:	
FIRM	Panel:	
Dated	•	
[]	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify apvis complete and NO FLOOPLAIN DEVELOPMENT PERMIT	pplicant that the application IS REQUIRED).
	Is located in Special Flood Hazard Area.	; :
	FIRM zone designation	•
	100-Year flood elevation is:	NGVD (MSL)
[]	Unavailable	
0	The proposed development is located in a floodway. FBFM Panel No	Dated

See section 4 for additional instructions.

[]

	SIGNED DATE
Floor	ION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by applicant must submit the documents checked below before the application can be
proce	
0	A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
[]	Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also
[]	Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
[]	Plans showing the extent of watercourse relocation and/or landform alterations.
[]	Top of new fill elevationFt. NGVD (MSL). For floodproofing structures applicant must attach certification from registered engineer or architect.
[]	Certification from a registered engineer that the proposed activity in a regulatory

[]

[]

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data and calculations supporting this finding must also be submitted.

floodway will not result in any increase in the height of the 100-year flood. A copy of all

CTION 5: PER Administr	MIT DETERMINATION ator/Manager or his/h	(To be completed by Floner representative)	<u>odplain</u>
provisions of County on N	f the Floodplain Ordinance	activity (type is or is not) in co e adopted by the County Com is issued subject to the condit	mission of Doddri
SIGNED		DATE_	· :
with the pro	visions of the Doddridge C	ger found that the above was county Floodplain Ordinance a te an appealing process below	and/or denied tha
APPEALS:	Hearing Date:	Commission of Doddridge Co	
CONDITIONS	s:		

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

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

COMPLETE 1 OR 2 BELOW:

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

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

PE PE	ERMIT NUMBER:	
PURPOS	E —	
CONSTRUCTION LOCATION	•	
OWNER'S ADDRESS:		
		_
		-
THE FOLLOWING MUST BE CADMINISTRATOR/MANAGE	COMPLETED BY THE FLOODPLAIN R OR HIS/HER AGENT.	
COMPLIANCE IS HERE	BY CERTIFIED WITH THE REQUIREMENT OF THE	
FLOODPLAIN ORDINANCE AI DODDRIDGE COUNTY ON MA	DOPTED BY THE COUNTY COMMISSION OF	
SIGNED	B	

WV Flood Map



Map Created on 7/1/2014



Location of the mouse click



Flood Hazard Zone (1% annual chance floodplain)

User Notes:

Disclaimer:

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.

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

Flood Hazard Area:

Elevation: N/A

Location (long, lat):

Location (UTM 17N):

FEMA Issued Flood Map:

Contacts:

CRS Information:

Parcel Number:

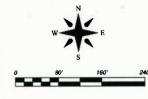
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Doddridge County	Water School Bulletin
Floodplain Permit Applic	
Pp.	The state of the state of the
Please take notice that on the 3rd	day_of_July; 2014.)
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District 39-245960N/80/600106W/Permii	#14-241 Markden
Centralized Freshwater Impoundment (The state of the s
is not within the floodplain)	Control Laboration in
a The Application is on file with the Gl	erk of the County.
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identified floodplain of Doddridge Co	unty Doddridge
County, Floodplain Maingement than nuthority. Any interested persons who country.	
authority Any State of the last	THE SHOWING THE
A CONTRACTOR OF THE PERSON OF	estre to comment
shall present the same in writing by Au	gust 4, 2014
Delivered to the	
Clerk of the County Cou	
118 E Court Street West Union	WV-26456
Beth A. Rogers Doddridge Cou	
Edwin L "Bo Wriston, Doddridge Co	a stormer method and
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Manager	
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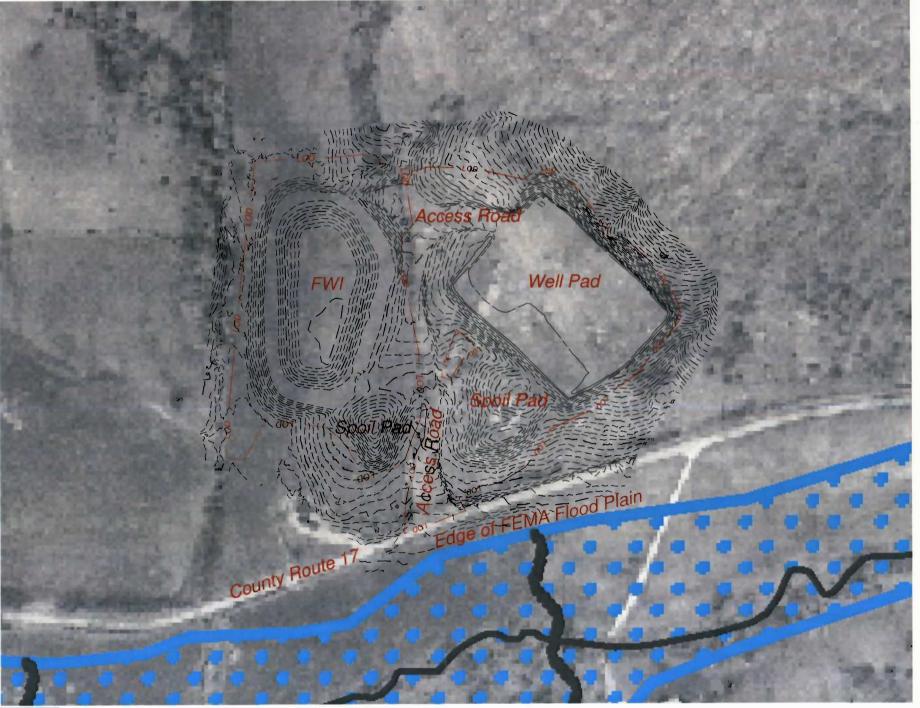
STATE OF WEST VIRGINIA, COUNTY OF DODDRIDGE, TO WIT I, Virginia Nicholson, Editor of THE HERALD RECORD, a weekly newspaper published regularly, in Doddridge County, West Virginia, Do Hereby Certify That the Accompanying Legal Notice Floodplain Permit Marsden Impoundment successive weeks beginning with the issue ending with the issue of amounts to the sum of \$ FOR FIRST PUBLICATION, SECOND **PUBLICATION IS 75% OF THE FIRST PUBLICATION** and each publication thereafter SWORN TO AND SUBSCRIBED Notary Public, State Of West Virginia LAURA J ADAMS 212 Edmond Street

West Union, WV 26456
My.Commission Expires June 14, 2023

MARSDEN FRESH WATER IMPOUNDMENT PROJECT LOD OVER FEMA FIRM MAP 54017C0255C ANTERO RESOURCES CORPORATION







	SITE LOCATIONS NAD 83	
	LATITUDE	LONGITUDE
Center of FWI (UTM Meters)	N=4344281.13 m	E=534506.79 m
Center of FWI	39.247161	-80.600106
Begin Access Road	39,245960	-80.599437

GREENBRIER DISTRICT DODDRIDGE COUNTY, WV UPPER MIDDLE ISLAND CREEK WATERSHED

FLOODPLAIN (CONDITIONS		
DO SITE CONSTRUCTION ACTIVITIES TAKE	PLACE IN FLOODPLAIN:	NO	
PERMIT NEEDED FROM COUNTY FLOODPLA	IN COORDINATOR:	NO	
HEC-RAS STUDY COMPLETED:		NO	
FLOODPLAIN SHOWN ON DRAWINGS:		YES	
FIRM MAP NUMBER(S) FOR SITE:	54017C0255C	54017C0255C	
ACREAGES OF CONSTRUCTION IN FLOODPL	AIN: NO	ONE	



L&W ENTERPRISES, INC.



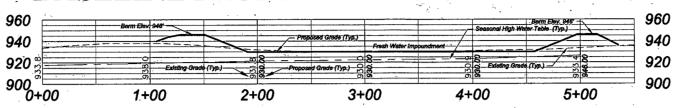
THIS DOCUMENT PREPARED FOR ANTERO RESOURCE CORPORATION

MARSDEN
FRESHWATER IMPOUNDMENT
GREENBRIER DISTRICT

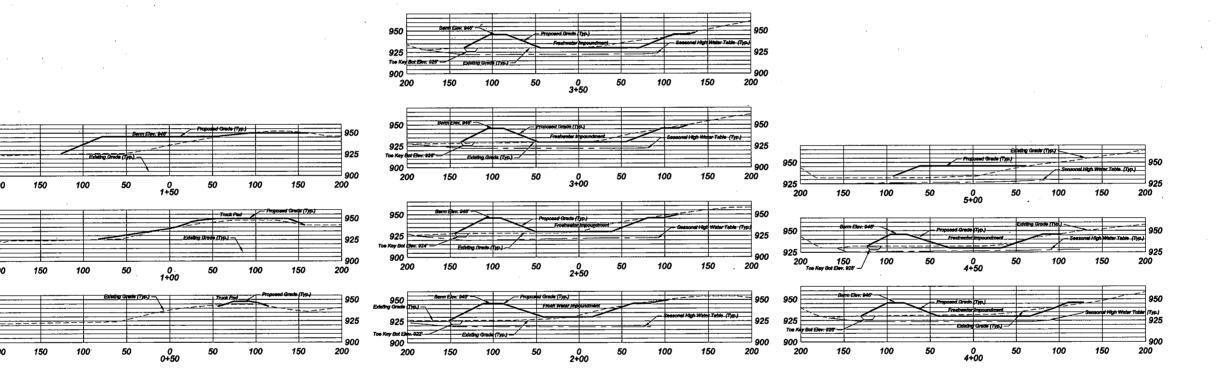
Date: 7/2/14

Scale: 1" = 80' signed By: CKW/CKM

FRESH WATER IMPOUNDMENT BASELINE PROFILE AND CROSS SECTIONS



PROFILE
Horizontal & Vertical Scale: 1" = 40'



CROSS SECTIONS

0' 50' 100' 150

DATE	REVISIONS	Date: 2/7/13
2-15-13	Updated Impoundment Design	Scale: 1" = 50'
		Designed By: CKW/CKM
		File No. Antero 32-12
	•	Page 6 of 8



Ulegheny Surveys, Inc. (1972 Thompson Drive (1978 Bridgeport, WV 26330 (1974 904) 848-5035



TONK NET

FRISES, INC.
PR. 304-257-4818
PAX: 304-257-4818
PAX: PERFORMATION INFORMATION

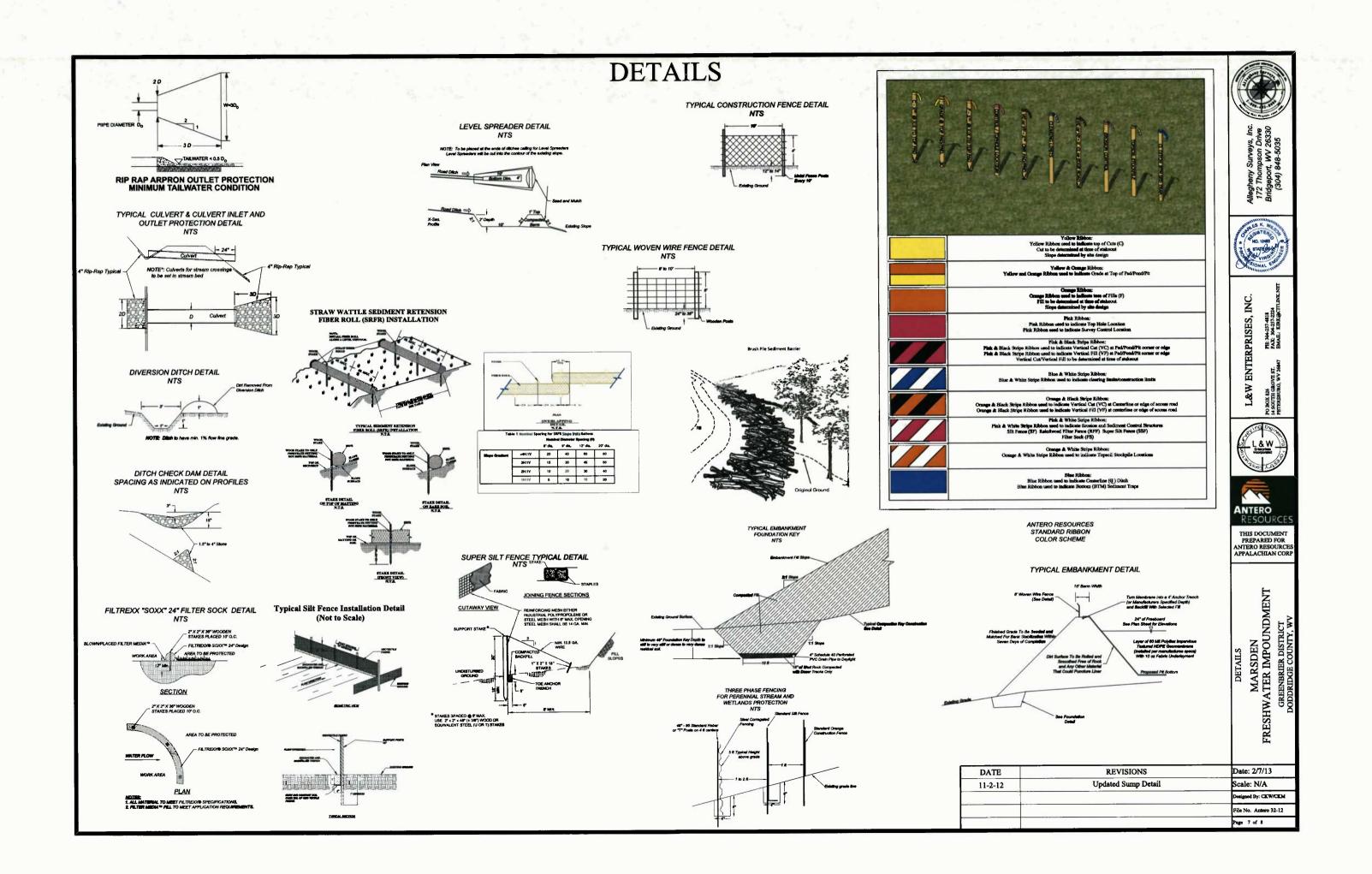
OX 826 PH: 394-OUTH GROVE ST. PAX: 34 ERSBURG, WV 2847 EMAIL.



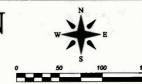


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PREPARED FOR
ANTERO RESOURG
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FRESH WATER IMPOUNDMENT
SELINE PROFILE AND CROSS SECTIONS
MARSDEN
ESHWATER IMPOUNDMENT
GREENBRIER DISTRICT



RECLAMATION PLAN



POST CONSTRUCTION DRILLING/FRACTURING REQUIREMENTS:

- 1. EROSION AND SEDMENT CONTROLS SHALL BE REPAREDRE-ESTABLISHED IN AREAS WHERE AT LEAST TON TURF HAS NOT BEEN ATTAINED OR EROSION HAS OCCURRED SINCE INITIAL CONSTRUCTION. REPAIRS TO CRITICAL BROSSON AREAS, REGRADING, SEEDING MAD MALCH ANDOR SLOPE MATTING SHALL BE DONE REPORTED HAD INJURED ACTION TO CONTROL. WY DOS AND SHALL BE USED FOR PROSSON AND SEMBLET CONTROLS.
- 2. MAINTENANCE, AND DITIER CONSIDERATIONS AND GROUDEN WATER PROTECTION. ALL PROSON AND SEDMENT CONTROL AND DRILL PAD CONTAMENT MEASURES WILL BE RESPECTED FOR INDEX MINES, DESCRIPTION OF THE PROPERTY OF THE PROTECTION OF THE PROT

RECLAIMATION CONSTRUCTION SPECIFICATIONS:

- THE IMPOUNDMENT SHALL BE RECLAIMED TO LANDOWNERS SPECIFICATIONS OR AS NEAR TO ORIGINAL PRE-DISTURBED GRADES AS POSSIBLE. THE LINER SHALL BE REMOVED AND DISPOSED APPROPRIATELY OR RECYCLED.
- 2. EROSION AND SEDIMENT CONTROLS SHALL BE REPAIRED/RE-ESTABLISHED PRIOR TO RECLAIMATION WORK COMMENCEMENT
- THE CONTRACTOR SHALL HAVE ON SITE AT ALL TIMES WHEN CONSTRUCTION IS IN PROGRESS A COMPETENT SUPERINTENDENT THOROUGHLY FAMILIA
 WITH THE CONSTRUCTION OF EARTH BERMS AND EMBANGMENTS, THE COMPACTION OF SOILS AND PLACEMENTS OF LINERS.
- SURFACE WATER SHALL BE DIVERTED AWAY FROM ALL EXCAVATIONS TO PREVENT FLOODING AND SOFTENING OF THE SUB GRADE OR COMPACTE MATERIALS.
- TOP SOIL SHALL BE STRIPPED AND STOCKPILED WITH APPROPRIATE STABILIZATION AND SILT FENCE TO PREVENT EROSION. THE TOP SOIL SHALL BE REUSED DURING THE RECLAMATION PROCESS OR ON THE FACE OF THE IMPOUNDMENT PRIOR TO SEEDING.
- 8. TOE CUTS OF 10' MINIMUM WIDE SHALL BE EXCAVATED ON ALL RECEIVING SLOPES TO PROVIDE A BASE FOR THE IMPOUNDMENT BERM ADDITIONAL TERRACING SHALL BE CONSTRUCTED FOR EACH ADDITIONAL FIETY (80) VERTICAL FEET OF SLOPE AND SHALL BE A MINIMUM OF TEN (10) FEET WIDE.
- 2. PRIOR TO PLACING ANY FILL. THE EXPOSED SUB GRADE SHALL BE COMPACTED AND PROOF ROLLED TO PRODUCE A STABLE AND UNYIELDING SITE.
- 8. ALL FIL SMALL BE PLACED IN LETS OF UP TO 16" AND SHALL BE COMPACTED TO 10% OF THE STANDARD PROCTOR DENSITY OF THE SOIL PER ASTIN 0-500 THE MOISTURE CONTENT SMALL BE CONTROLLED WITHIN PLUS OR MINLS 2% OF THE OPTIMAN TO FACILITATE COMPACTION. THE CONTRACTOR SHALL DI INFPACED ENSITY TESTS EVERY LEFT OF 500 AND SHALL BE MODE IN TIMOR RANDOM PLACES TO BE CHECK TRANSPORT SIDE OF THE IMPOUNDMENT BETWING RECORDS SHALL BE MAINTAINED OF TEST LOCATION AND RESULTS AND PROVIDED TO THE ENDINEER ON REQUEST. AREAS THAT FAIL FOR COMPACTION SHALL BE REMOVED. RE-COMPACTED AND RETESTED FOR COMPACTION SHALL BE REMOVED. THE CONTRACTOR MAY PRODUCT ALL THE SOIL CHECK TO SOIL LEFT WITH A LOADED 18 TON TANDEM DUMB. THUCK SOIL THAT DEFECTS UNDER THE REAR WHEELS GREATER THAN 1/2" SHALE REMOVED. RE-COMPACTION COMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY TON SHALL BE REMOVED. RE-COMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY THAN 1/2" SHALE REMOVED. RECOMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY FOR THE SHALL BE COMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY FOR THE SHALL BE COMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY FOR THE SHALL BE COMPACTION OF SOIL SHALL BE DONE WITH A 5 TON SHEEPS FOR A PRIRATERY FOR THE SHALL BE COMPACTION OF THE SHALL BE COMPACTION OF AN SHEEP SHALL BE A PRIRATERY FOR THE SHALL BE COMPACTION OF THE SHALL BE SHALL
- TOP SOIL SHALL BE PLACED ON THE FINAL SURFACE AND TRACKED IN WITH DOZERS ONLY AND FERTILIZED, LIMED, SEEDED AND MALCHED AT RATES
 ESTABLISHED ON SHEET 3 OF THESE PLANS. THE SITE SHALL BE MAINTAINED AND MANAGED TO ESTABLISH A UNIFORM THE INTEL TON OF THE AREA
- ENTRUSHEN AF LET FINAL INSTELLEN, ALL EIG CURTINGLES SHALL BE CREATIVED AND HAT INSTURBED AND MACHEN.

 IN MAINTENANCE, AND OTHER CONSIDERATIONS AND GROUND WATER PROTECTION. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DALY AND AFTER EACH RAINFALL OF IS MOVED ON MOVED TO THE WAY AND AFTER EACH RAINFALL OF IS MOVED ON MOVED TO THE WAY AND AFTER EACH RAINFALL OF IS MOVED ON THE WILL ALL DEFICIENCES WILL BE CORRECTED MENDETLY. EXCESS MATERIAL MILL BE SPIELD ON THE WAY AND AT LEAST WHEN SEDIMENT PROVIDED TO SOLD ON THE WAY AND AT LEAST WHEN SEDIMENT PROVIDED THE OWN OF THE WAY AND AT LEAST WHEN SEDIMENT PROVIDED THE OWN OF THE WAY AND AT LEAST WHEN SEDIMENT PROVIDED THE OWN OF THE WAY AND A TLEAST WHEN SEDIMENT PROVIDED THE OWN OF THE WAY AND CORRECT HOS WILL BE USED ON THIS STE. POPTABLE OF PROVIDED FOR VEHICLE AND AVIABLE FOR EMPLOYEES. IF CONNECTE IS USED, EXCESS CONCRETE WILL BE USED ON THIS STE. POPTABLE SHE PROVIDED FOR VEHICLE AND ANY SHLADE WILL BE USED ON THE STE. POPTABLE SHE WILL BE USED ON THIS STE. WAY AND ANY SHLADE WILL BE CLEAVED AND TAKEN OF STE TO A PROPER FACILITY. SOLD OR HIZAPODUS WASTES WILL BE REPT IN PROPER CONTAINERS AND ANY SPILLAGE WILL BE CLEAVED AND TAKEN OF STE TO A PROPER FACILITY. SOLD OR HIZAPODUS WASTES WILL BE REPT IN PROPER FOR ANY AND ANY SPILLAGE WILL BE CLEAVED AND TAKEN OF STE TO A PROPER FACILITY. SOLD OR HIZAPODUS WASTES WILL BE DEPOSED IN ACCORDANCE WITH APPROPRIATE STATE AND PERSORAL REPUBLICATION. IT IS THE CONCILING OF THE PROJECT AND ALL CORRECTIONS MADE BEFORE SIGN-OFF OF THE PROJECT STE.
- A A PRE-CONSTRUC
 - JECULE UPLEVIENTS.
 A PRE-CONSTRUCTION CONFERENCE WILL BE HELD ON SITE WITH CONTRACTOR TO REVIEW THE CONSTRUCTION DRAWINGS AND PROVIDE AN
- B. CONSTRUCT THE CONSTRUCTION ENTRANGE
- C. CONSTRUCT ALL PROPOSED SEDIMENT CONTROL DEVICES AS SHOWN.
- D. REMOVE TOPSOIL AND PLACE AT AN AREA DETERMINED IN THE FIELD WHERE EROSION WILL NOT TAKE PLACE. SILT FENCE SHALL BE CONSTRUCTED AROUND TOPSOIL STOCKPILES.
- CONSTRUCTED AROUND TOPSOIL STOCKPILES.

 E. GRADING OPERATIONS AS REQUIRED. FILL SLOPES SHALL BE TOPSOILED.
- Q. WHEN FINAL GRADE IS ACHEVED, TOPSOIL TO BE PLACED ON ALL DISTURBED AREAS NOT LINED. SEED ALL DISTURBED AREAS AS REQUIRED. A SOIL SAMPLE SHOULD BE TAKEN HE FOLLOWING RATES SHOULD BE APPLIES AS A MINIMARY LINE AT A RATE OF 4 TONS PER ACRE. FERTILIZE AT A RATE OF 500 LBS. OF 10-20-10 PER ACRE. SEED WITH 45 LBS. PER ACRE OF TIAL RESCUE AND 20 LBS. PER ACRE OF FERENMAL RYE GRADE.
- H. LIME, FERTILIZER, AND SEED WILL BE APPLIED BY HAND OR USING A HYDRO-SEEDER. HYDRO-MULCH PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH MAINLEAGTURERS SPECIFICATIONS.
- I. FINAL SEEDING MUST OCCUR WITHIN 7 DAYS OF FINAL GRADING.
- J. WHEN SITE IS STABILIZED, ALL EROSION AND SEDIMENT CONTROL MEASURES CAN BE REMOVED AND REPAIR/STABILIZE THOSE AREAS ACCORDANCE WITH STATE STANDARDS.
- K. MAKE MODIFICATIONS FOR PERMANENT STORM WATER MANAGEMEN
- L FINAL SITE INSPECTA

Existing 2' Contour

Existing 10' Contour Existing Tree Line

Existing Gas Line CL

E E E Existing Utility Line / Pole

12. PERMANENT STABLIZATION: ALL AREAS LEFT UNCOVERED BY EITHER BUILDINGS OR PAYEMENT SHALL BE STABLIZED WITH PERMANENT SEEDMING FOR LOWING FRIEND GRADING AND WITHIN 7 DAYS. AT NO THIS SHALL LAND LAY DORMANT FOR LONGER THAN 21 DAYS.

Legend

Proposed Diversion Ditch
Proposed 2' Contour
Proposed 10' Contour

Proposed 3-Phase Fence Proposed Rip-Rap

Proposed Silt Sock or Silt Fence

Proposed 10' Contour

- LOD - Limits of Disturbance

