



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, August 19, 2026
WELL WORK PLUGGING PERMIT
Vertical Plugging

NNE RESOURCES LLC
707 VIRGINIA STREET EAST, SUITE 1200

CHARLESTON, WV 25301

Re: Permit approval for BARRACKMAN 8
47-061-00991-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

H. Jason Harmon
Chief

Operator's Well Number:
Farm Name: EDDY, MARK & HARRY
U.S. WELL NUMBER: 47-061-00991-00-00
Vertical Plugging
Date Issued: 8/19/2026

PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing.

1) Date June 2, 2026
2) Operator's
Well No. Barrackman 8
3) API Well No. 47-061 - 00991

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____/ Gas x/ Liquid injection ____/ Waste disposal ____/
(If "Gas, Production x or Underground storage ____) Deep ____/ Shallowx

5) Location: Elevation 1220' Watershed Dunkard Creek
District Clay County Monongalia Quadrangle Blacksville

6) Well Operator NNE Resources LLC 7) Designated Agent Hollie Medley
Address 707 Virginia St. E, Ste 1200 Address 707 Virginia St. E, Ste 1200
Charleston, WV 25301 Charleston, WV 25301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Robert J Hitt Name TBD
Address 601 57th Street SE Address _____
Charleston, WV 25304

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector



Date

6-16-26

08/21/2026



Barrackman 8 – Plugging Procedure
Clay District, Monongalia County, WV
API Number: 47-061-00991

Introduction

Approval is requested to perform the initial plugging on Barrackman 8 well. Barrackman 8 is a vertical shallow well located in Clay District, Monongalia County, WV. The Barrackman 8 is not a producing well and it is recommended to be plugged and abandoned.

There are no existing well records for the Barrackman 8 at the field or state level. Offset wells previously plugged by NNE (Barrackman 4, 5, and 9) along with limited information about the Barrackman 8 well were used to develop this procedure. The offset wells used were drilled nearby and targeted the same production interval as the Barrackman 8 well. As plugging operations commence and new information is obtained, the assumed depths and procedure will be adjusted and communicated to the state inspector.

Well Data

Well records are limited for Barrackman 8, however due to the target formation and its vicinity to previous wells plugged by NNE (Barrackman 4, 5, and 9), the wellbore is expected to be of similar construction and design. The Barrackman 8 was completed in Clay District, Monongalia County, WV. It was drilled to the Big Injun formation to a depth between 1,800 ft -2,400 ft. Below is the anticipated wellbore configuration based on offsets listed above.

Offsets Range

Casing	Estimated Depth (ft)	Comments
Conductor	14 - 27	Based on offsets
10" Casing	0, 600 - 765	Based on offsets
8 1/4" Casing	0, 630 – 1,609	Based on offsets
6 5/8" Casing	1457 – 1,799	Based on offsets
5 3/16" Casing	1657 – 1,995	Based on offsets
Formation	Estimated Depth (ft)	Comments
Pittsburgh Coal	635	Based on Coal Maps
Top of Big Injun	1,800	Assumed based on available information
1st Pay	--	No records, assumed to be around 1,958 ft – 2,145 ft
Total Depth	1,800 - 2,400	Assumed based on available information

Capacities

All capacities are estimated and assumed casing sizes based on offset wells due to lack of information on the Barrackman 8 wellbore construction.

Size (in)	Weight (lb/ft)	Capacity (gal/ft)	Capacity (bbls/ft)	Capacity (cu ft/ft)
10*	N/A	4.192	0.0998	0.5603
8-1/4*	N/A	2.738	0.0652	0.3659
6-5/8	20.0	1.536	0.0365	0.2052
5-3/16*	N/A	1.038	0.0247	0.1387
2-3/8*	4.7	0.16239	0.00387	0.02171

* estimates were used to produce the capacity data.

- For the 10" casing, the capacity of a 35.75 lb/ft 10-3/4" casing was used.
- For the 8-1/4" casing, the capacity of a 24 lb/ft 8-5/8" casing was used.
- For the 5-3/16" casing, the capacity of a 13 lb/ft 5-1/2" casing was used.

Workover Data

No existing well records for workovers were found for Barrackman 8. Based on offset well data from previously plugged wells, it is likely to have perforations in the pay zone over the years.

Current Day Visual Inspection

The current state of the well is grown over with brush and inaccessible by vehicle. There is surface equipment on location, which includes a wellhead with miscellaneous piping and rods. There is also other metal piping near the wellhead lying on the ground.

Driving Directions

Entrance Location: N 39.655053, W 80.129267

DRIVING DIRECTIONS BEGINNING AT STAR CITY EXIT (EXIT 155) ON I-79

- TRAVEL EAST 0.6 MILES ON SR 19/24 TO INTERSECTION OF SR 19/24 AND US 19
- TURN LEFT ONTO US 19 AND TRAVEL NORTH 1.7 MILES TO INTERSECTION OF US 19 AND SR 7 (MASON DIXON HIGHWAY)
- TURN LEFT ONTO SR 7 AND TRAVEL 5.2 MILES TO INTERSECTION OF SR 7 AND CR 37 (PEDLAR RUN RD)
- TURN LEFT ONTO CR 37 AND TRAVEL SOUTH 2.3 MILES

General Plugging Procedure:

1. Wellsite safety meetings will be held before each task to ensure safety through the P&A process.
2. Ensure all E&S controls, access road, and rig pad are in place.
3. Keep a daily P&A report showing all activity, casing/tubing pulled, and record any cement pumped.
4. Move in and rig up (MIRU) construction equipment and remove existing surface equipment and prepare location for service rig.
5. Move in service rig & equipment.
6. Rig up and test pressure control to ensure well control can be established in the event of an emergency.
7. Trip out of hole (TOOH) with any rods and/or production tubing. Based on offset wells, we should expect some in the well.
8. Trip in hole (TIH) with workstring and confirm bottom, which is expected at ~2,150 ft.
9. TOH with workstring and R/U wireline.
10. Run in hole (RIH) with caliper log to determine 5-3/16" casing depth.
11. TIH with workstring and pump a gel spacer and enough **Class A cement** to cover from TD to above the 5-3/16" casing shoe and/or any perforations found from logs.
 - a. At least 120' above the top of the OGW strata as per W. Va. Code 22-6-24(a)
12. Wait on cement (WOC).
13. TIH to confirm top of cement and record. Set additional plug(s) if needed.
 - a. If the first attempt fails to take cement, contact NNE Engineer and WV State Inspector for plans to set a CIBP prior to next cement plug.
14. Locate free point, cut casing, and pull as much of the 5-3/16" and 6-5/8" casing as possible that is found in wellbore.
 - a. Required to pull minimum of 150% of estimated casing string weight.
 - b. If the free point is above elevation, set cement plug across elevation prior to pulling casing.
 - c. RIH and confirm coal and freshwater depths in 6-5/8" casing.
 - d. Set minimum 100 ft cement plugs across elevation and ensure it extends minimum 120' above top of elevation (acting as saltwater isolation plug as per W. Va. Code 22-6-24(a)), all casing cuts and any perforations made in the casing. Confirm cement tops and set additional plugs as necessary.
15. Confirm no additional 8" or 10" casing is in the hole.
 - a. If additional casing is found in hole, consult with NNE Engineer and WV State Inspector on recovery of pipe.
 - b. If casing is found, attempt to pull all of casing (most likely it wasn't cemented at the time of install)

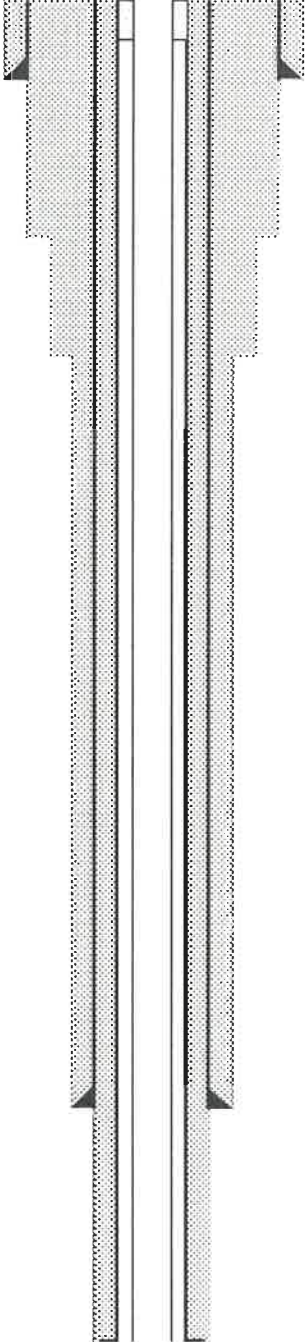
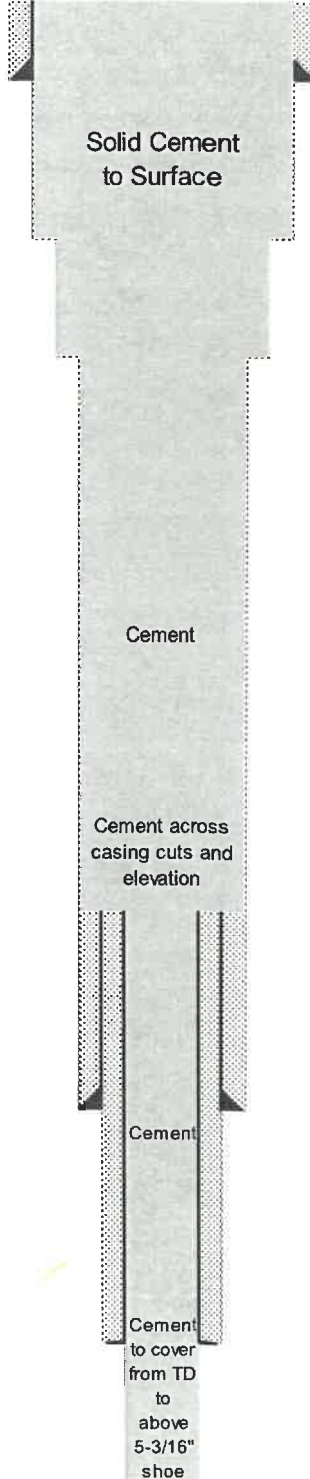
 8/19/26

- c. If cemented, cut casing 50' below the coal and pull.
 - d. If unable to pull, contact NNE & DEP for approval to perf casing at coal depth
 - e. Offset wells have seen both scenarios.
16. TIH and if casing was already cemented to surface, set **expandable cement** over the coal seams. ^{If not SMTS} with a minimum of 40' below the lowest workable coal bed and up to 20' above. ^{100' below casing shoe to 100' above}
Ensure Pump **Class A cement** and displace the cement plug. Coal seam expected to be around 635'-625' based off nearby well DJ Eddy 6.
17. Wait on cement (WOC).
18. TIH to confirm cement top and record depth. Set additional plugs as needed.
- a. Top of cement should be above the coal seam.
19. Set cement to surface with **Class A cement**.
20. Install a monument to WV state requirements.
- a. A minimum of 6" diameter metal pipe cemented 10' in the well and reaching 30" above ground level.
 - b. API number welded with a minimum of 1/2" in height.
21. Rig down and move out equipment and reclaim location to WV State requirements after 70% vegetative growth is observed.
22. Complete and sign the plugging affidavit and provide to NNE Engineer.

 8/19/26

JR 8/19/26

Wellbore Diagram:

EXISTING WELLBORE DIAGRAM	CASING	TOP TVD (ft)	Comment	POST PLUGGING WELLBORE DIAGRAM
	Conductor			
		15-25	Shoe	
	10" Casing (Assumed to be pulled)			
		TBD		
	8-1/4" Casing (Assumed to be pulled)			
		625	Top of PGH Coal	
		TBD	Shoe	
	6-5/8" Casing			
		635	Base of PGH Coal	
		1,220	Recorded Elevation	
		TBD	Shoe	
	5-3/16" Casing			
		TBD	Shoe / End of Tubing	
	Openhole	~1,800	Top of Big Injun	
		~2,050	1st Pay	
		Unknown	2nd Pay	
		1,800 - 2,400	Total Depth	

Plugging Company Information				Well Number			
Company	Hydrocarbon Well Service			Well Number	9	County	Mon
Address	PO Box 995 Buckhannon, WV			Farm Name	Barrackman	State	WV
Phone	304-472-9600			API Number	47-061-00992-00-00	Rig	
Contacts:	Owner: Brian Jarvis 304-993-2272			ATTN:		End Date	
	Operations Manager: Kevin Metz 304-677-2491			Bid & Reclamation Price		Start Date	
	Field Manager: Steve Jones 304-677-3530			Date	8/25/2022	End Date	
				Miss Utility Ticket #	2217938003	Rig Move Distance (mi)	
Perforation Information				Casing / Tubing Information			
Perforation Date	Perforation Depth	Size of Casing/Tubing Perforated	Number of Charges Shot	Size of Casing	Depth of Casing Cuts	Amount of Casing Pulled	Amount of Casing Left in Well
8/10/2022	1311	5.5	15	5.5	782	782	1473
8/10/2022	910	5.5	5				
8/10/2022	840	5.5	5				
Cement/Gel Information							
Fluid Type	Cement Plug/Gel Bottom Depth	Cement Plug/Gel Top Depth	Actual TOC	Size of Tubing	Depth of Tubing Cuts	Amount of Tubing Pulled	Amount of Tubing Left in Well
cement	2255	2075	2255	5/8 Rods		2200	0
cement	2255	2030	2054	2 3/8		2200	0
gel	2054	1361					
expandable cement	1361	750	1015				
expandable cement	1015	750	733				
gel	733	200					
cement	200	0	124				
cement	124	0	0				

08/21/2026

61-991

RECEIVED
Office of Oil and Gas

JUN 22 2026

WV Department of
Environmental Protection

08/21/2026

COMPLETE WELL INSPECTION FORM

API NUMBER 47- 61 991 WELL OPERATOR Eddy Brothers
 FARM NAME Barrickman WELL NUMBER Barrickman

A. THE ACCESS ROAD MEETS ALL REQUIREMENTS?(22-6-30,22-6-6,35CSR-4-16)

- | | | | |
|----|-------------------------|-----|-----|
| 1. | CULVERTS SIZED PROPERLY | | YES |
| NO | | | |
| 2. | PROPER CULVERT DEPTH | YES | NO |
| 3. | PROPER HEAD WALLS | YES | NO |
| 4. | DISSIPATING DEVICES | YES | NO |
| 5. | SPACING | YES | NO |
| 6. | PROPERLY MAINTAINED | YES | NO |
| 7. | ALL PITS CLOSED | YES | NO |
- Handwritten: Road/Hill needs reclaimed.*

B. IS WELL PROPERLY EQUIPPED AND THE SITE RECLAIMED?(22-6-30,22-6-6,35CSR-4-16)

- | | | | |
|----|---|-----|-------------------------------------|
| 1. | API NUMBER | YES | ☒ NO |
| 2. | DIVERSION DITCHES | YES | ☒ NO |
| 3. | ALL DISTURBED AREAS RECLAIMED | YES | ☒ NO |
| 4. | ARE ELECTRIC LINES SAFE | YES | ☒ NO |
| 5. | IS SITE FREE OF OIL,GAS,SALTWATER LEAKS | YES | ☒ NO |
| 6. | IS WELL PRODUCING | YES | ☒ NO |
| 7. | HAVE PRODUCTION REPORTS BEEN FILED | YES | ☒ NO |
| 8. | PRESSURE ON COAL SEAM CASING HEAD | YES | ☒ NO |
- Stamp: RECEIVED Office of Oil and Gas JUN 22 2026 WY Department of Environmental Protection*

C. DOES THE SPILL PREVENTION MEET ALL REQUIREMENTS?(22-6-7,35CSR1-7,35CSR-4-11 TO 17)

- | | | | |
|----|---|-----|-------------------------------------|
| 1. | IS THERE AN SPCC PLAN IMPLEMENTED? | YES | ☒ NO |
| 2. | ARE TANKS PROPERLY EQUIPPED WITH THE FOLLOWING: | | |
| | A. SECONDARY CONTAINMENT | YES | ☒ NO |
| | C. EQUALIZING LINES | YES | ☒ NO |
| | B. VALVES | YES | ☒ NO |
| | D. VENTS | YES | ☒ NO |
- NO

D. ARE THE SECONDARY CONTAINMENT STRUCTURES PROPERLY CONSTRUCTED?

- | | | | |
|----|----------------------|-----|-----|
| 1. | IMPERVIOUS | YES | NO |
| 2. | DRAINS WITH VALVES | | YES |
| NO | | | |
| 3. | DRAINS WITH RISER | YES | NO |
| 4. | DIKES PROPERLY SIZED | YES | NO |
- Handwritten: pipe sticking out of ground*

E. WERE YOU ABLE TO DRIVE TO THIS WELL?

☒ YES NO

F. CAN YOU DETERMINE WHO ACTUALLY OPERATES THIS WELL?

☒ YES NO

G. CAN YOU DETERMINE THE METHOD OF SALTWATER DISPOSAL?

YES ☒ NO

H. HOW CLOSE IS THE NEAREST DWELLING OR WATER WELL? _____ FT.

I. WAS THIS INSPECTION ROUTINE?

YES NO

SPECIFY (COMPLAINT, RANDOM, ETC.) _____

J. IS THIS WELL PART OF A SECONDARY RECOVERY FIELD? *Old water Flood*

YES NO

K. WERE ENFORCEMENT ACTIONS TAKEN AS A RESULT OF THIS INSPECTION?

YES NO

SPECIFY (VIOLATION, WARNING LETTER) _____

DATE 5/11/99

INSPECTOR J. J.

08/21/2026

INSTRUCTIONS

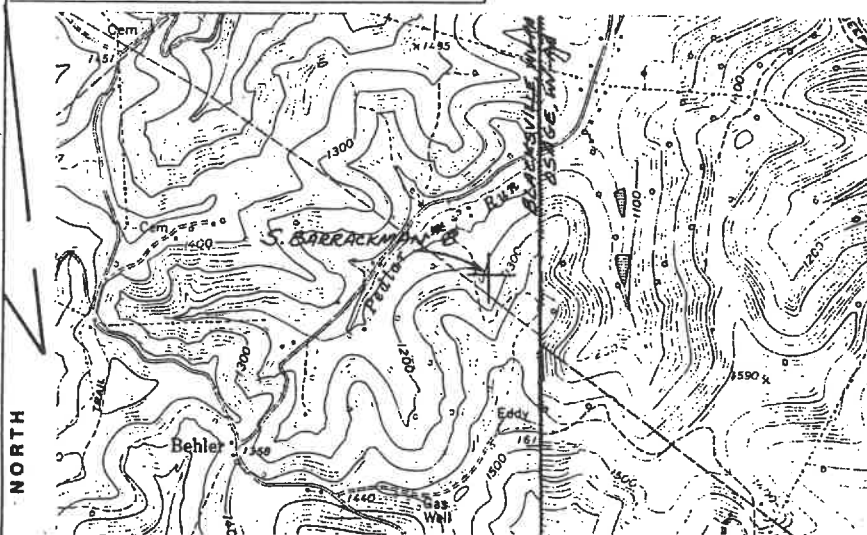
- 1) Attach a photo copy of the location of the well on a 7.5 minute Quadrangle with the corresponding Longitude and Latitude.
- 2) Designate the location of the well with the symbol (+).

LATITUDE 39° 40' 00"

LONGITUDE 80° 07' 30"

5270'

7.5' loc

1.00
0.15

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief.

SIGNED Harry EddyTITLE Harry EddyDATE NOVEMBER 6, 1989OPERATORS WELL NO. S. BARRACKMANAPI WELL NO. 061-0991

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
OIL AND GAS DIVISION

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(If "GAS" PRODUCTION X STORAGE DEEP SHALLOW X)

LOCATION: ELEVATION 1220' WATER SHED MONONGAHELA RIVER
DISTRICT CLAY 3 COUNTY MONONGALIA
QUADRANGLE BLACKSVILLE, WV-PA

SURFACE OWNER MARK & HARRY EDDY ACREAGE 99.00 AC.

OIL & GAS ROYALTY OWNER MARK & HARRY EDDY LEASE ACREAGE 99.00 AC.
LEASE NO.

PRODUCING FORMATION BIG INJUN TOTAL DEPTH 1800-2400'WELL OPERATOR MARK & HARRY EDDY DESIGNATED AGENT ADDRESS ROUTE 1, BOX 43 ADDRESS CORE, WV 26529

RECEIVED
Office of Oil and Gas

JUN 22 2026

WV Department of
Environmental Protection

FEB 1 1991

08/21/2026

WW-4A
Revised 6-07

1) Date: June 2, 2026
2) Operator's Well Number
Barrackman 8
3) API Well No.: 47 - 061 - 00991

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served: (a) Name <u>Christopher Paul Eddy</u> Address <u>1119 Pedlar Run Road</u> <u>Core, WV 26541</u> (b) Name <u>Carol A. Tennant</u> Address <u>955 Pedlar Run Road</u> <u>Core, WV 26541</u> (c) Name _____ Address _____ 6) Inspector <u>Robert J Hitt</u> Address <u>601 57th Street SE</u> <u>Charleston, WV 25304</u> Telephone <u>304-926-0440</u>	5) (a) Coal Operator Name _____ Address _____ (b) Coal Owner(s) with Declaration Name <u>Consolidation Coal Company</u> Address <u>46226 National Road</u> <u>Saint Clairsville, OH 43950</u> Name <u>Terrill Daniel Kerns, Jr, Christian Randolph Kerns, Amber Kerns & the Kerns Family Trust</u> Address <u>18440 Dallas Avenue</u> <u>Riverside, CA 92508</u> (c) Coal Lessee with Declaration Name _____ Address _____
---	---

RECEIVED
Office of Oil and Gas

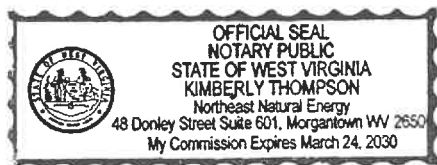
JUN 22 2026

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator NNE Resources LLC
By: Hollie Medley
Its: Regulatory Manager
Address 707 Virginia Street E, Ste 1200
Charleston, WV 25301
Telephone 304-212-0422

Subscribed and sworn before me this 10th day of June, 2026
Kimberly Thompson Notary Public
My Commission Expires March 24, 2030

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

08/21/2026

Barrackman 8

8809 2925 1000 0222 7201

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Riverside, CA 92508

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$2.17

Total Postage and Fees \$11.87

Sent To Terrill Daniel Kerns, Jr., Christian Randolph Kerns
 Street and Apt. No. Amber Kerns and the Kerns Family Trust
 18440 Dallas Avenue
 City, State, ZIP+4® Riverside, CA 92508

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 JUN 11 2026
 0337
 WV 26505
 Postmark Here
 Coal Barrackman 8

7021 0350 0001 0000 0222 7201

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Maidensville, WV 26541

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$2.17

Total Postage and Fees \$11.87

Sent To Christopher Paul Eddy
 Street and Apt. No., or PO Box No. 1119 Pedlar Run Road
 City, State, ZIP+4® Core, WV 26541

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 JUN 11 2026
 0337
 WV 26505
 Postmark Here
 Coal Barrackman 8

8809 2925 1000 0222 7201

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Maidensville, WV 26541

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$2.17

Total Postage and Fees \$11.87

Sent To Carol A. Tennant
 Street and Apt. No., or PO Box No. 955 Pedlar Run Road
 City, State, ZIP+4® Core, WV 26541

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 JUN 11 2026
 0337
 WV 26505
 Postmark Here
 Coal Barrackman 8

7021 0350 0001 0000 0222 7201

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
 Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

Saint Clairsville, OH 43950

Certified Mail Fee \$5.30

Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy)	\$0.00
☐ Return Receipt (electronic)	\$0.00
☐ Certified Mail Restricted Delivery	\$0.00
☐ Adult Signature Required	\$0.00
☐ Adult Signature Restricted Delivery	\$0.00

Postage \$3.28

Total Postage and Fees \$12.98

Sent To Monongalia County Coal Resources Inc.
 Street and Apt. No., or PO. Consolidation Coal Company
 46226 National Road
 City, State, ZIP+4® St. Clairsville, OH 43950

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Official Use
 JUN 11 2026
 0337
 WV 26505
 Postmark Here
 Coal P+A

RECEIVED
 Office of Oil and Gas
 JUN 22 2026
 WV Department of
 Environmental Protection

08/21/2026

WW-9
(5/16)

API Number 47 - 061 - 00991
Operator's Well No. Barrackman 8

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name NNE Resources LLC OP Code 494511469

Watershed (HUC 10) Dunkard Creek Quadrangle Blacksville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☐ No ☒

Will a pit be used? Yes ☐ No ☒

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml? _____

Proposed Disposal Method For Treated Pit Wastes:

- _____ Land Application (if selected provide a completed form WW-9-GPP)
- _____ Underground Injection (UIC Permit Number _____)
- _____ Reuse (at API Number _____)
- _____ Off Site Disposal (Supply form WW-9 for disposal location)
- _____ Other (Explain _____)

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Freshwater/Gel

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? Bentonite

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? See Attached Exhibit A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Hollie Medley

Company Official (Typed Name) Hollie Medley

Company Official Title Regulatory Manager

RECEIVED
Office of Oil and Gas

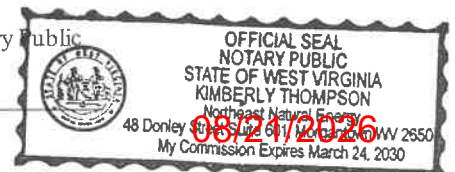
JUN 22 2026

WV Department of
Environmental Protection

Subscribed and sworn before me this 10th day of June, 2026

My commission expires March 24, 2030

Notary Public



Proposed Revegetation Treatment: Acres Disturbed 2.91 Prevegetation pH _____Lime 2 Tons/acre or to correct to pH 7Fertilizer type 19 19 19Fertilizer amount 500 lbs/acreMulch 2 Tons/acreSeed MixturesTemporary

Seed Type	lbs/acre
Orchard Grass	46
Red Clover	8
Tertraploid Perennial Rye	16
Timothy	15
Annual Rye	15

Permanent

Seed Type	lbs/acre
Orchard Grass	46
Red Clover	8
Tertraploid Perennial Rye	16
Timothy	15
Annual Rye	15

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: *Kevin Reynolds*

Comments: _____

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

Title: OIL & GAS INSPECTORDate: 6-16-26Field Reviewed? ☐ Yes ☒ No

08/21/2026

Attachment A to WW-9

During the Plugging process NNE Resources LLC (NNE) plans to take the solid waste to disposal at one or more of the following disposal/approved waste facilities, unless listed facilities are no longer approved to accept waste at time of disposal:

- Westmoreland Sanitary Landfill (Noble Environmental) – Belle Vernon, PA (Permit # 100277)
- Chestnut Valley Landfill (Noble Environmental) – McClellandtown, PA (Permit # 100419)
- APEX Environmental, LLC- Amsterdam, OH (Permit # PTI 06-08448)
- Waste Management Arden Landfill – Washington, PA (Solid Waste Permit # 100172)

NNE plans to reuse and recycle all fluid and/or reach out to other operators in the area who may be able to reuse and recycle such fluid. However, in the event that reuse is not obtainable the fluid will be disposed of at one, or multiple, of the following disposal/approved waste facilities unless listed facilities are no longer approved to accept waste at time of disposal:

UIC Well Name	Owner/Operator	API No.
K & H Disposal	Tall Grass	47-061-01689
Dennison Disposal Well	Dennison Disposal	34-157-2-5507
Nichols	Select Water	34-167-2-3862
Goff	Select Water	34-119-2-8776
Clearwater 3	Select Water	34-059-2-3986
Redbird #2	Redbird Development, LLC	34-167-2-9731
Redbird #4	Redbird Development, LLC	34-167-2-9767
Mills	Deep Rock Disposal	34-105-2-3619
Dexter City	Deep Rock Disposal	34-121-24037
Ritchie	Deep Rock Disposal	47-085-09721

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

08/21/2026

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: NNE Resources LLC
Watershed (HUC 10): Dunkard Creek Quad: Blacksville
Farm Name: Barrackman

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

N/A

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

4. Summarize all activities at your facility that are already regulated for groundwater protection.

N/A

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

08/21/2026

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

N/A

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

N/A

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

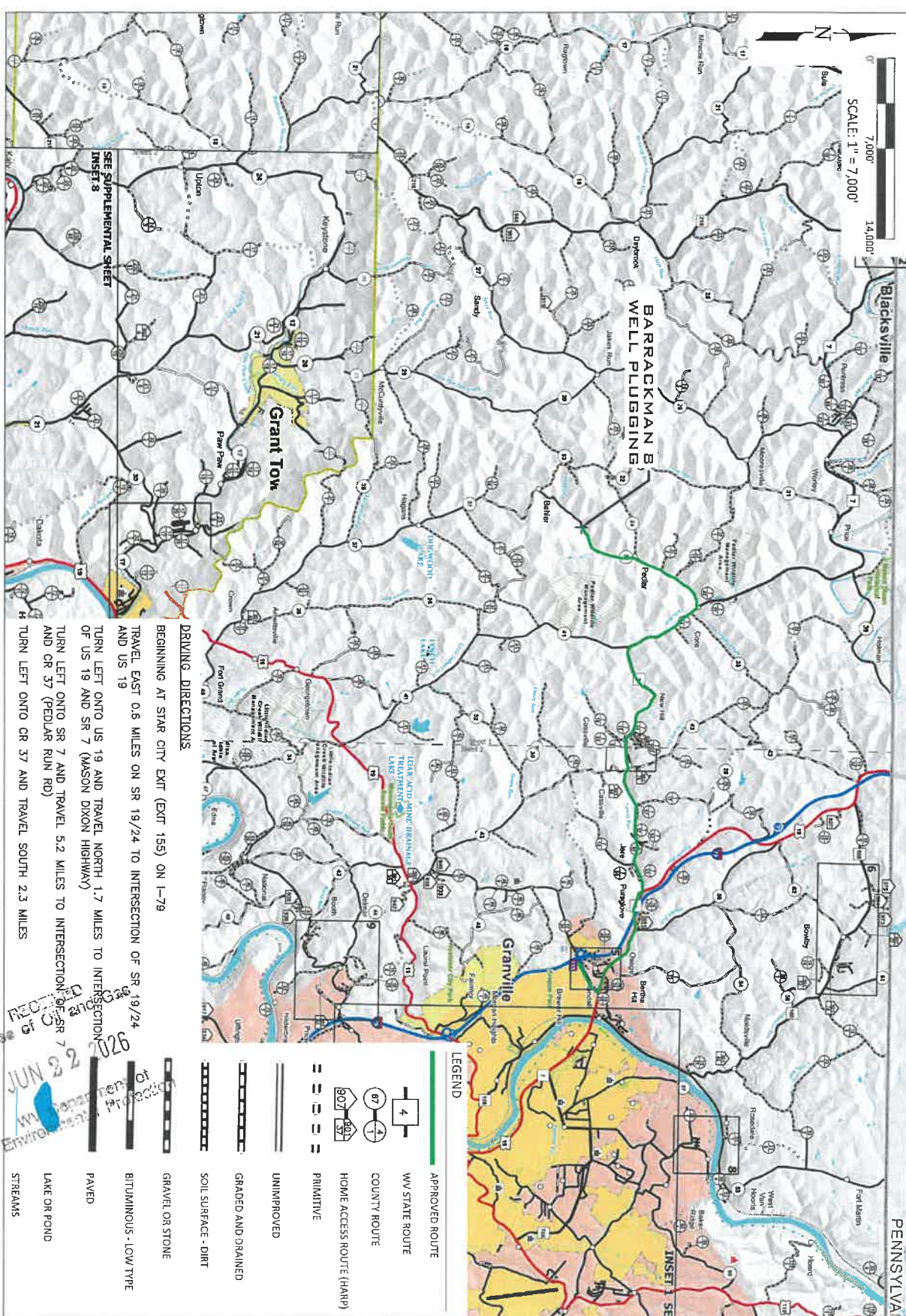
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

N/A

Signature: Hall m

Date: 6-10-26

08/21/2026



DRIVING DIRECTIONS

BEGINNING AT STAR CITY EXT (EXT 155) ON I-79
 TRAVEL EAST 0.6 MILES ON SR 19/24 TO INTERSECTION OF SR 19/24
 AND US 19
 TURN LEFT ONTO US 19 AND TRAVEL NORTH 1.7 MILES TO INTERSECTION
 OF US 19 AND SR 7 (MASON DIXON HIGHWAY)
 TURN LEFT ONTO SR 7 AND TRAVEL 5.2 MILES TO INTERSECTION OF SR 7
 AND CR 37 (PEDLAR RUN RD)
 TURN LEFT ONTO CR 37 AND TRAVEL SOUTH 2.3 MILES

LEGEND

	APPROVED ROUTE
	WV STATE ROUTE
	COUNTY ROUTE
	HOME ACCESS ROUTE (HARP)
	PRIMITIVE
	UNIMPROVED
	GRADED AND DRAINED
	SOIL SURFACE - DIRT
	GRAVEL OR STONE
	BITUMINOUS - LOW TYPE
	PAVED
	LAKE OR POND
	STREAMS

	SCALE: AS SHOWN	
	DATE: 5/20/26	DRAWN: JWP
	CHKD: BLB	APPD: ZMD
	PROJECT NO. / DASH NO. 2604-005 TASK NO. 1 DRAWING NO. 1	

HAUL ROUTE TO BARRACKMAN 8
 WELL PLUGGING
 MONONGALIA COUNTY, WEST VIRGINIA
 NORTHEAST NATURAL ENERGY, LLC

RECEIVED
 JUN 22 2026
 WV Department of Environmental Protection

08/21/2026

**NNE
Resources LLC**
Proposed Plugging of
BARRACKMAN 8 (061-00991)
Clay District
Monongalia County, WV

TOP HOLE (NAD 83)
N) 420314.7
E) 1791706.6
LAT.) 39°39'08.2"
LONG.) 80°07'40.5"
DEC. LAT.) 39.652288
DEC. LONG.) 80.127907

TOP HOLE (NAD 27)
N) 420277.6
E) 1823143.4
LAT.) 39°39'07.9"
LONG.) 80°07'41.2"
DEC. LAT.) 39.652207
DEC. LONG.) 80.128114

TOP HOLE (UTM NAD 83)
N) 4389529.1
E) 574818.4

BLACKSVILLE QUAD.
OSAGE WV. QUAD.

BARRACKMAN 8
061-00991

061-00992

CHRISTOPHER PAUL EDDY
& CAROL A. TENNANT
94.608 TOTAL ACRES
WB 197, PG 202
TAX MAP AND PARCEL
4-15-17.3

061-00988

NOTES:

1. PARCEL BOUNDARIES AS SHOWN ON THIS
PLAT WERE TAKEN FROM DEEDS, TAX MAPS AND
FIELD EVIDENCE. A FULL BOUNDARY SURVEY FOR
THESE PARCELS IS NOT EXPRESSED NOR IMPLIED.

BOORD BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Southpointe, PA 15317 Phone: 724-746-1055

0 600 1200 1800

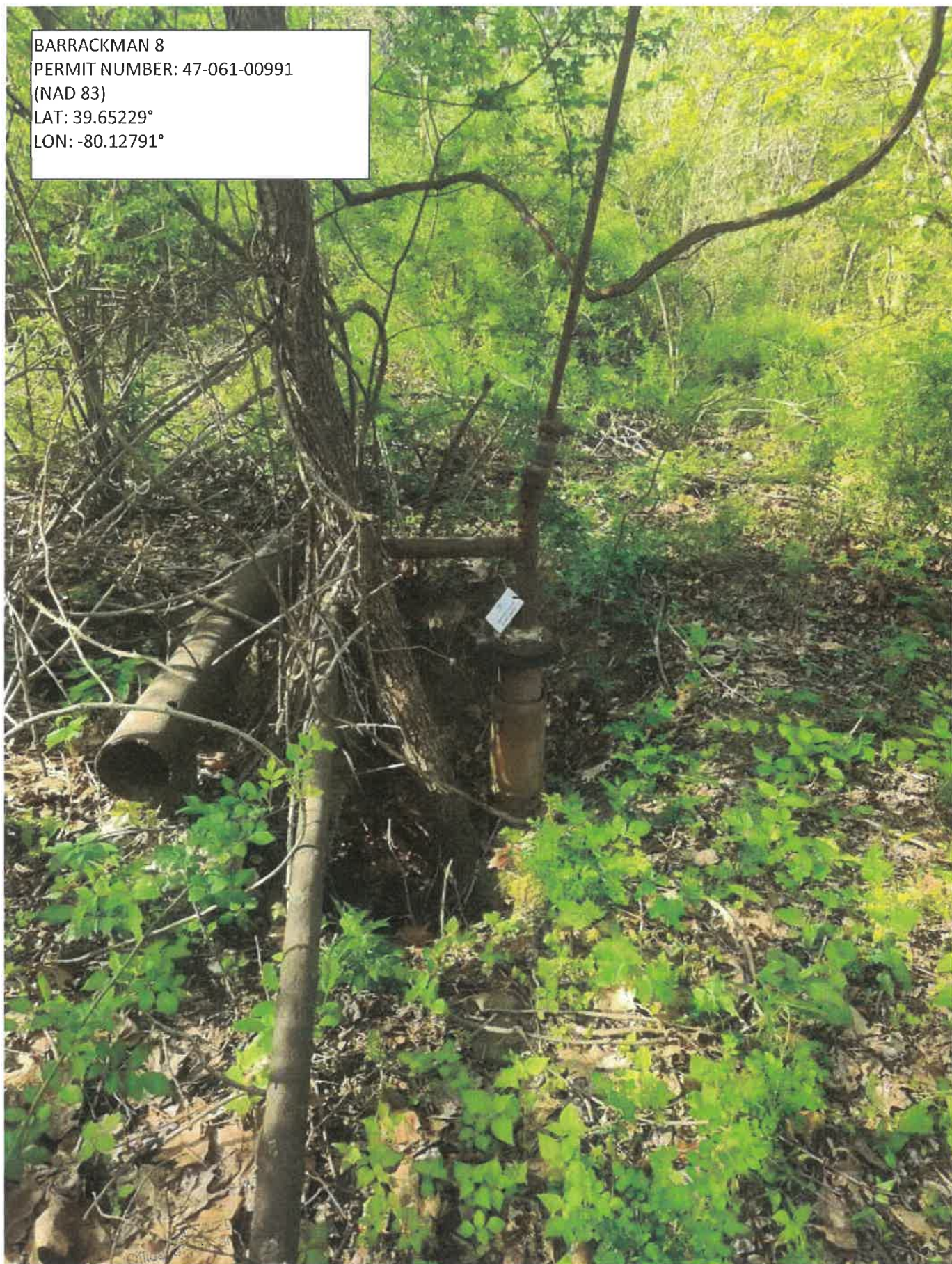


SCALE 1" = 600'

MAY 11, 2026

08/21/2026

BARRACKMAN 8
PERMIT NUMBER: 47-061-00991
(NAD 83)
LAT: 39.65229°
LON: -80.12791°



JUN 22 2026
WV Department of
Environmental Protection

08/21/2026



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47 061 00991 WELL NO.: 8
FARM NAME: Barrackman
RESPONSIBLE PARTY NAME: NNE Resources LLC
COUNTY: Monongalia DISTRICT: Clay
QUADRANGLE: Blacksville
SURFACE OWNER: Christopher Paul Eddy & Carol A. Tennant
ROYALTY OWNER: Emory Peak Minerals, LLC, Et al.
UTM GPS NORTHING: 4389529.1
UTM GPS EASTING: 574818.4 GPS ELEVATION: 1220'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

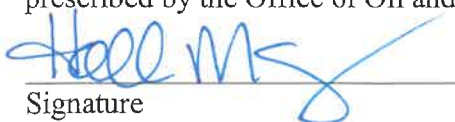
1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ☒ : Post Processed Differential _____
Real-Time Differential ☒

Mapping Grade GPS _____ : Post Processed Differential _____
Real-Time Differential _____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Regulatory Manager
Title

6-10-26
Date

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

08/21/2026

Barrackman 8
47-061-00991

PLUGGING PERMIT CHECKLIST

Plugging Permit

RECEIVED
Office of Oil and Gas
JUN 22 2026
WV Department of
Environmental Protection

- ☒ WW-4B
- ☒ WW-4B signed by inspector
- ☒ WW-4A
- ☒ SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- ☒ WW-9 PAGE 1 (NOTARIZED)
- ☒ WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- ☒ WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- ☒ RECENT MYLAR PLAT OR WW-7
- ☒ WELL RECORDS/COMPLETION REPORT
- ☒ TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- ☒ MUST HAVE VALID BOND IN OPERATOR'S NAME
- N/A ☐ CHECK FOR \$100 IF PIT IS USED

08/21/2026

WEST VIRGINIA 811

TWO WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE WV ONE CALL SYSTEM, INC., 1-800-245-4848 (WV ONE CALL TICKET 2613335366)

OWNER



NORTHEAST NATURAL ENERGY LLC
707 VIRGINIA STREET EAST, SUITE 1200,
CHARLESTON, WV 25301

BARRACKMAN 8 CLAY DISTRICT, MONONGALIA COUNTY, WV JUNE 2026

SHEET INDEX

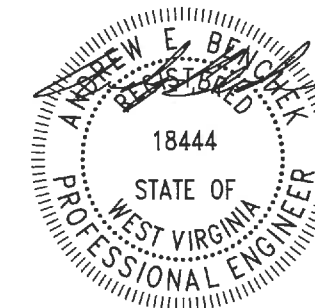
1. TITLE SHEET
2. E&S CONTROL AND SITE PLAN OVERVIEW
- 3-5. E&S CONTROL AND SITE PLAN
- 6-8. PROFILES
- 9-11. TEMPORARY ACCESS ROAD #1 CROSS-SECTIONS
- 12-13. DETAILS
14. RECLAMATION PLAN OVERVIEW
- 15-17. RECLAMATION PLAN

TOTAL DISTURBED AREA: 2.91 AC.
TEMPORARY ACCESS ROAD #1 DISTURBED AREA: 2.55 AC.
BARRACKMAN 8 PLUGGING PAD DISTURBED AREA: 0.36 AC.

PROPERTY OWNER DISTURBANCE - 2.91 ACRES
CHRISTOPHER PAUL EDDY & MARK V TENNANT (TAX MAP AND PARCEL NUMBER 4-15-17.3) 2.91 AC.

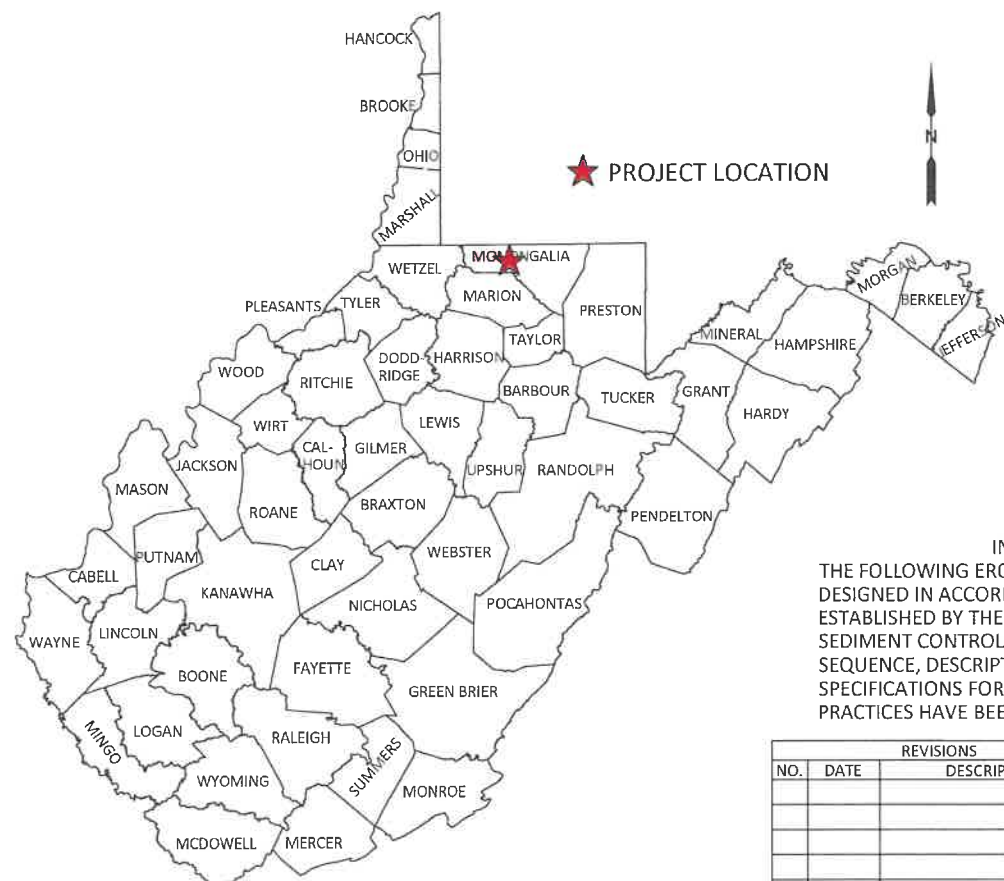
PLANS PREPARED BY:

BOORD BENCHEK & ASSOC., INC.
ENGINEERING, SURVEYING, CONSTRUCTION AND MINING SERVICES
CANONSBURG, PA 15317 PHONE: 724-746-1055

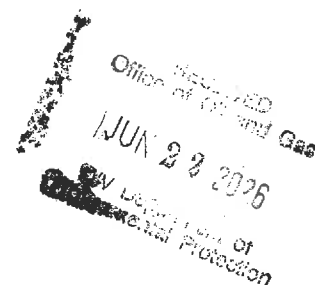


ANDREW BENCHEK
P.E.

DATE



★ PROJECT LOCATION



IN ACCORDANCE WITH WV 35 CSR 8
THE FOLLOWING EROSION & SEDIMENT CONTROL PLAN HAS BEEN
DESIGNED IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES
ESTABLISHED BY THE CHIEF AND PROVIDED IN THE OFFICE'S EROSION AND
SEDIMENT CONTROL FIELD MANUAL. A GENERAL CONSTRUCTION
SEQUENCE, DESCRIPTION OF STABILIZATION METHODS, AND DETAILS &
SPECIFICATIONS FOR EROSION & SEDIMENT BEST MANAGEMENT
PRACTICES HAVE BEEN INCLUDED IN THE PROVIDED DETAIL SHEETS.

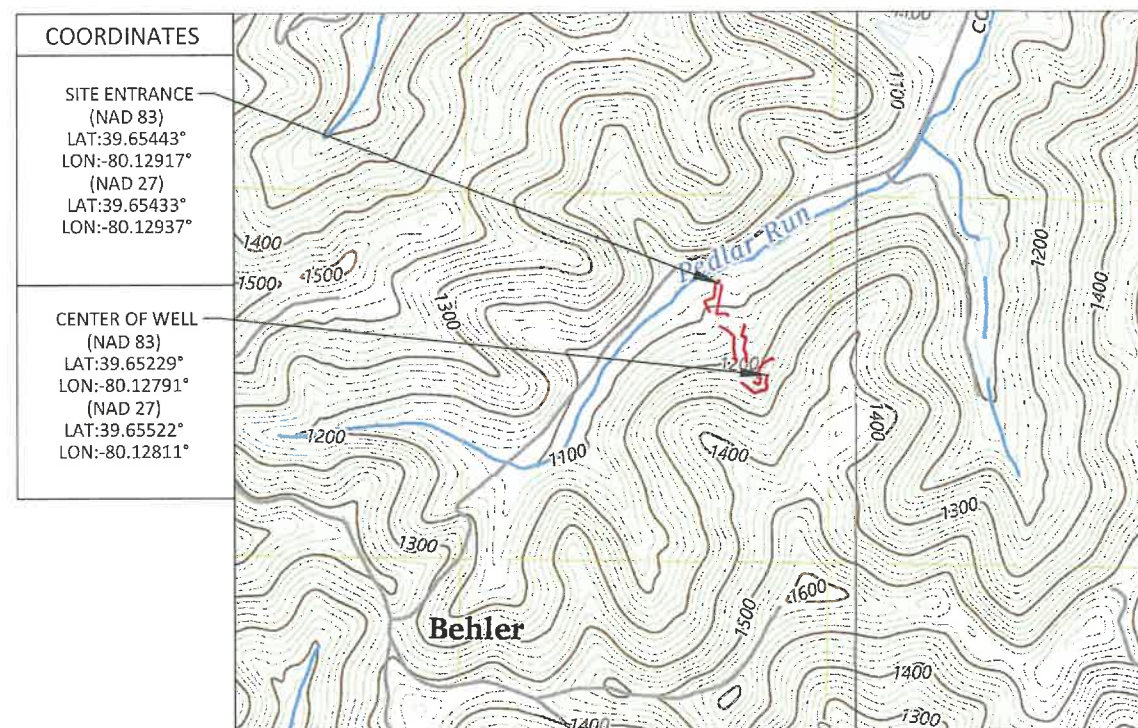
REVISIONS		
NO.	DATE	DESCRIPTION

TITLE SHEET

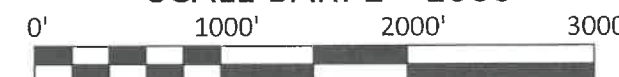
BARRACKMAN 8
CLAY DISTRICT, MONONGALIA COUNTY, WV

SHEET

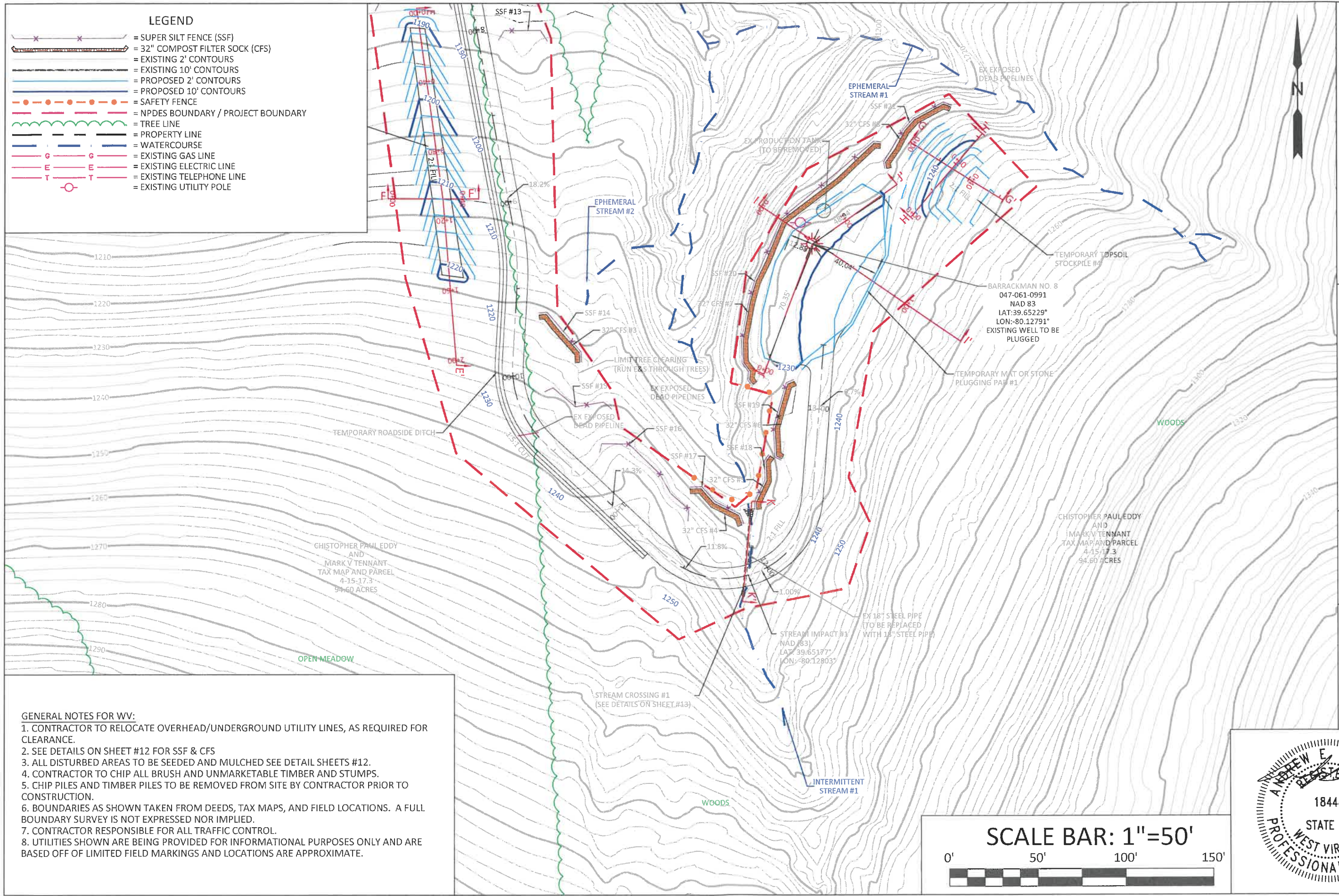
1
OF
17

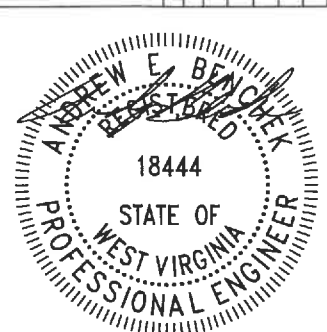
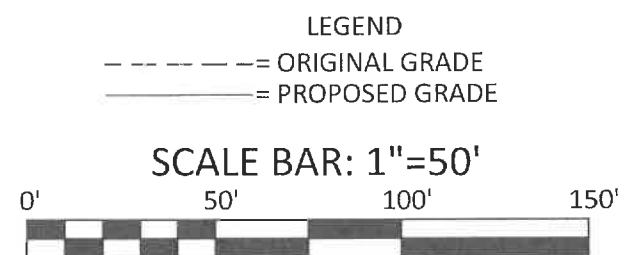
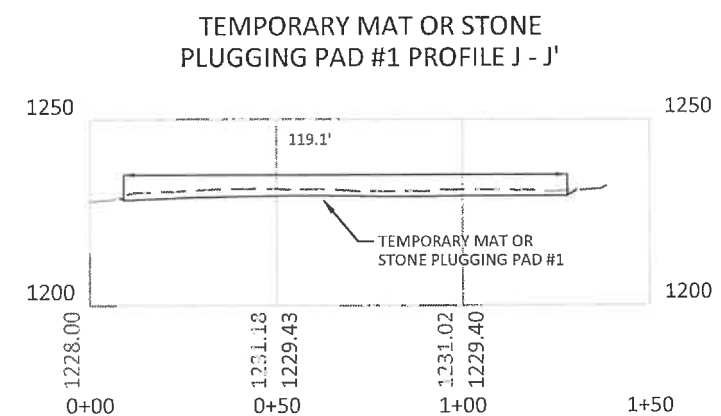
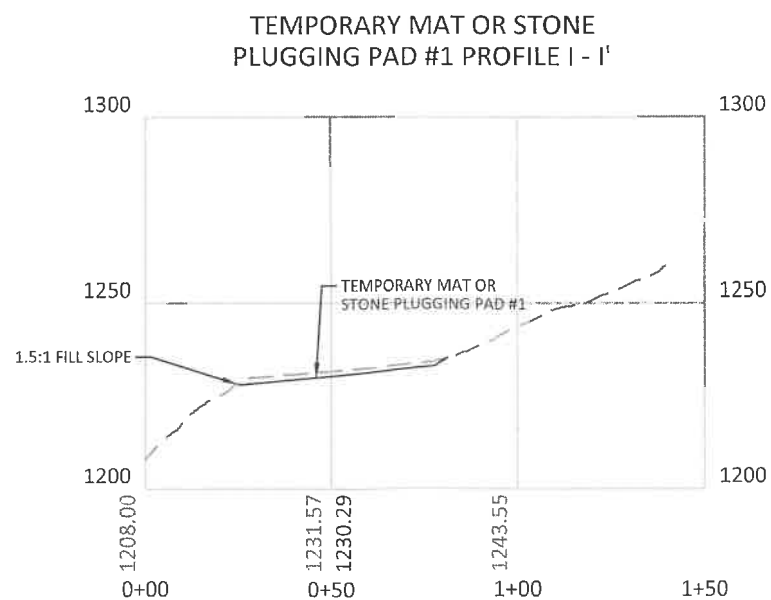
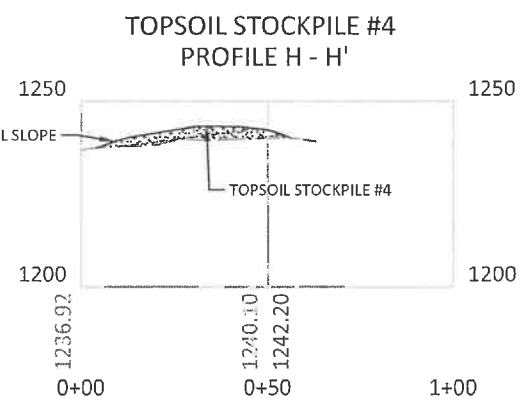
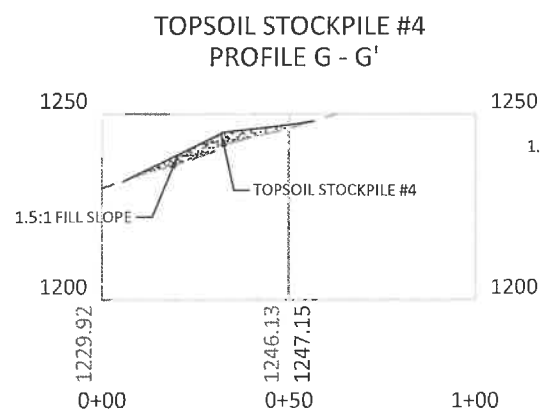
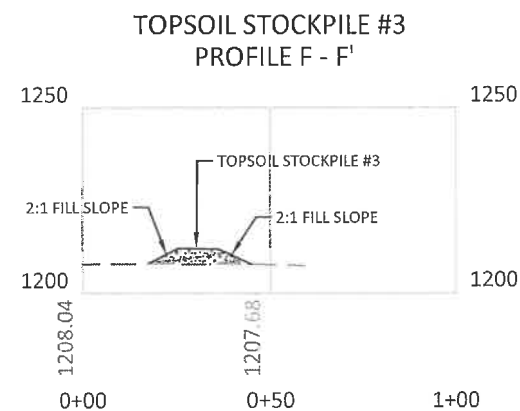
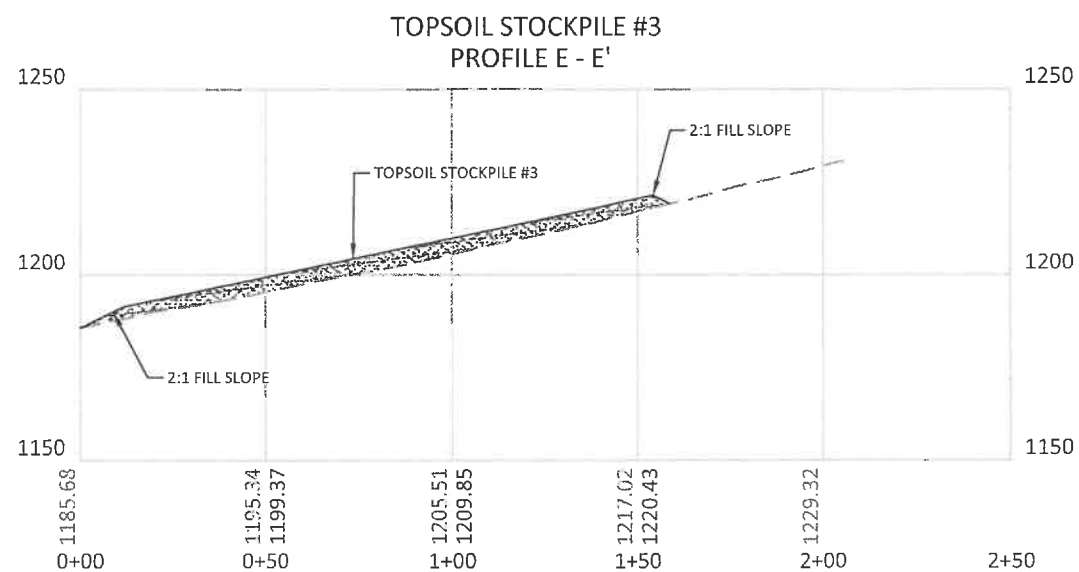
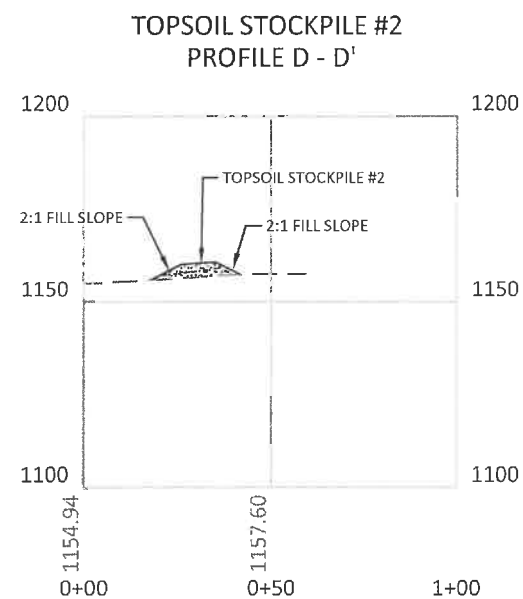
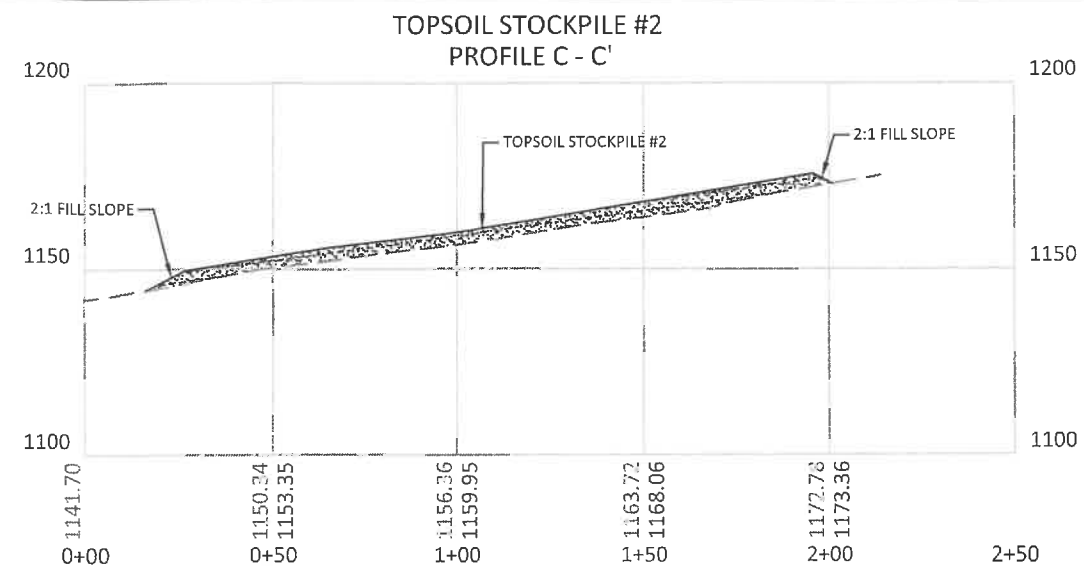
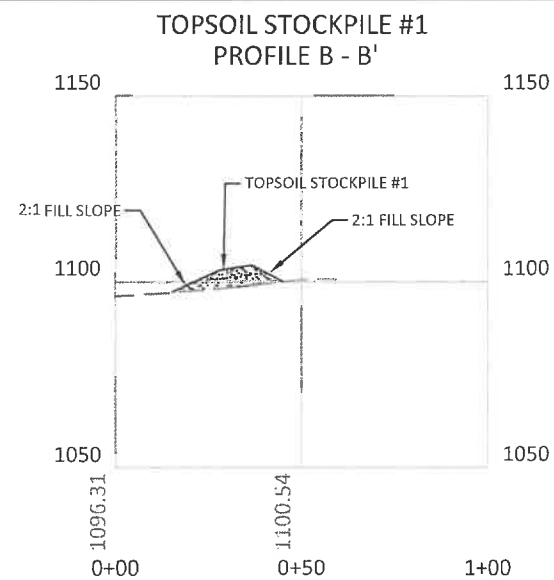
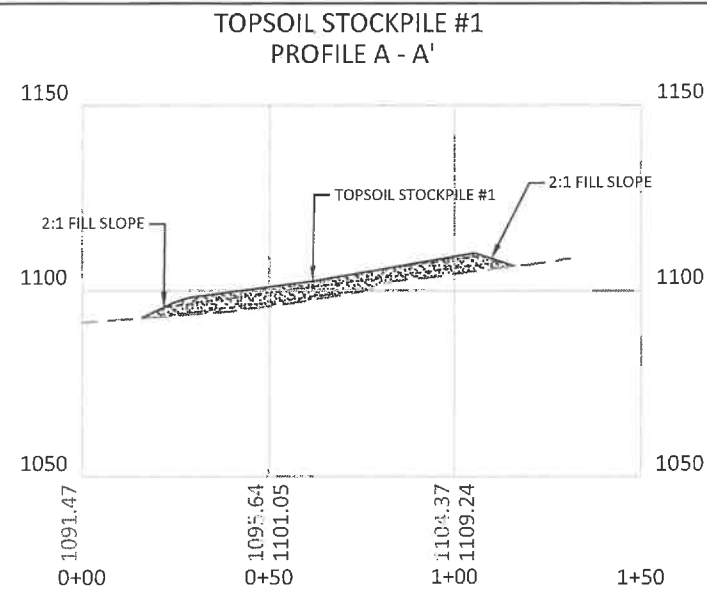


SCALE BAR: 1"=1000'



08/21/2026





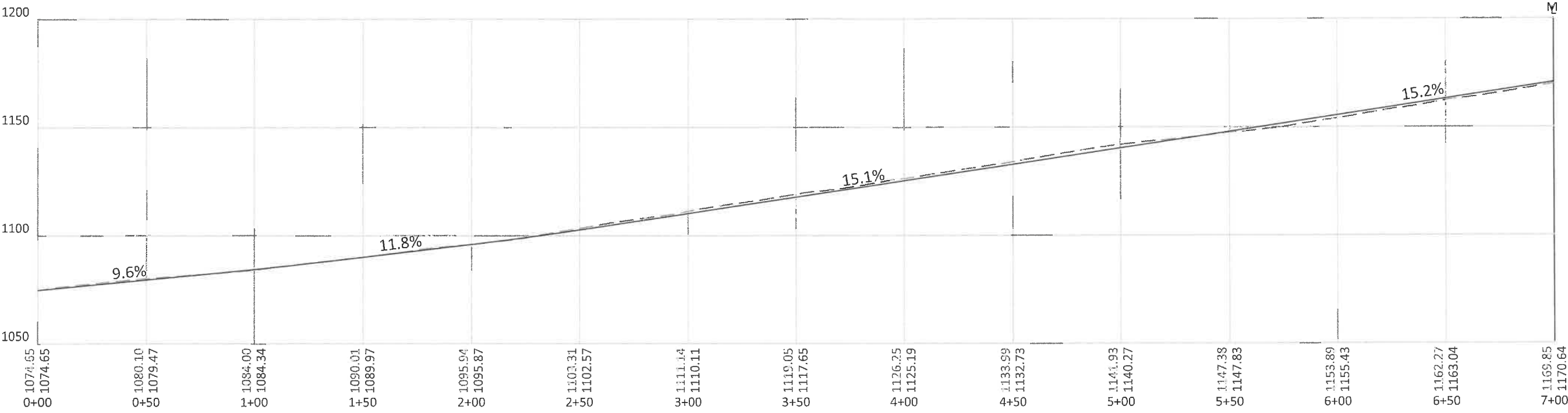
PROFILES

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JUNE 2026
BARRACKMAN 8
CLAY DISTRICT,
MONONGALIA COUNTY,
WV

BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

TEMPORARY ACCESS ROAD #1 PROFILE



LEGEND
--- ORIGINAL GRADE
— PROPOSED GRADE



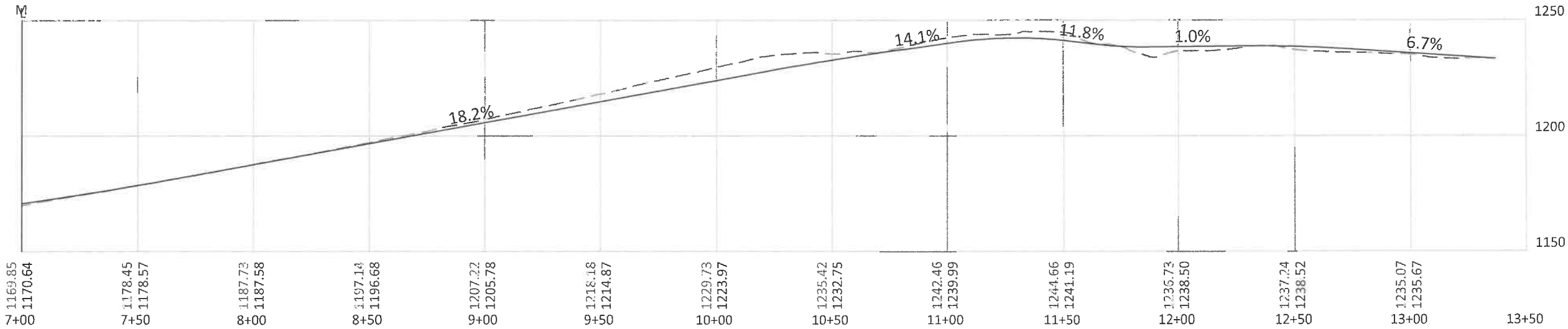
DATE:
JUNE 2026
BARRACKMAN 8
CLAY DISTRICT,
MONONGALIA COUNTY,
WV

PROFILES
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

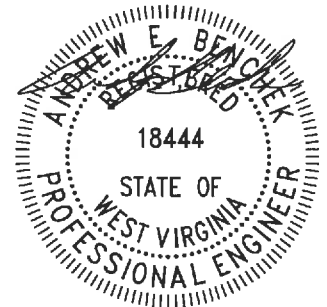
BOORD, BENCHEK AND ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

REVISIONS									

TEMPORARY ACCESS ROAD #1 PROFILE



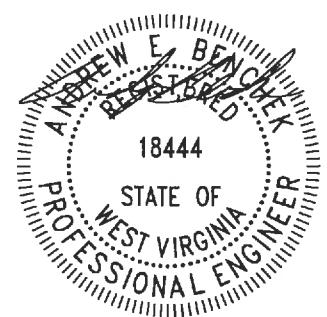
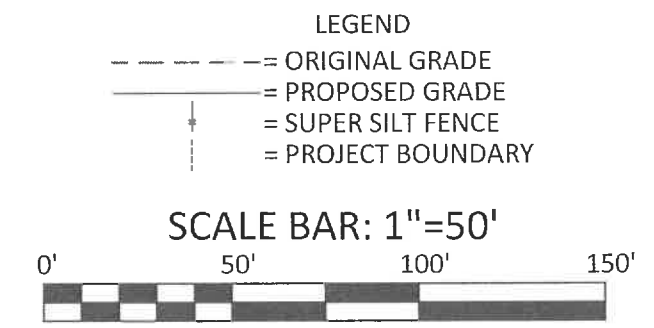
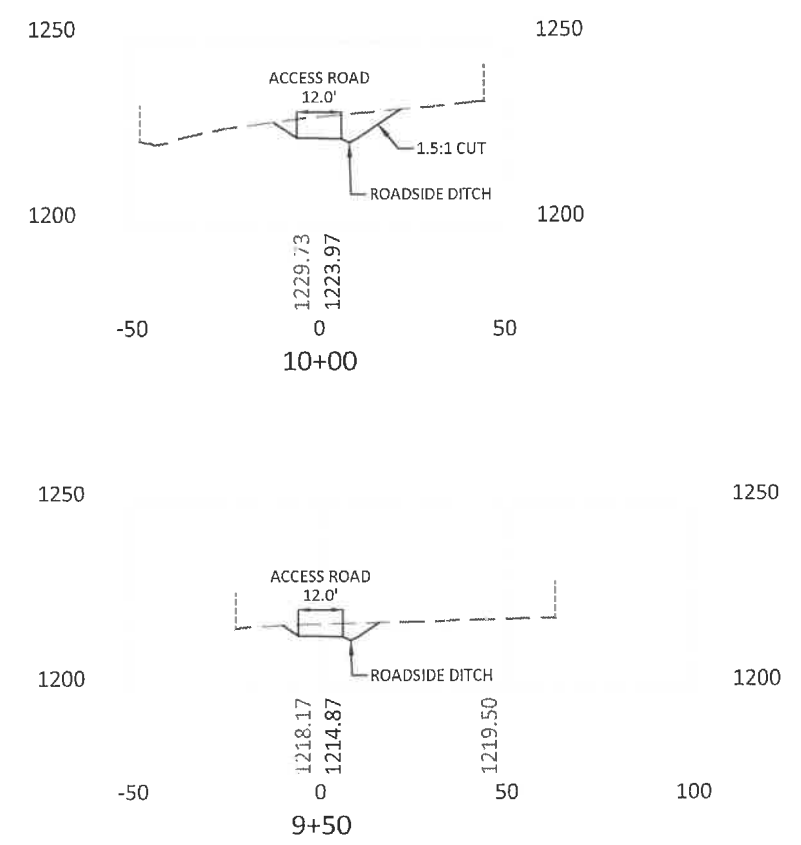
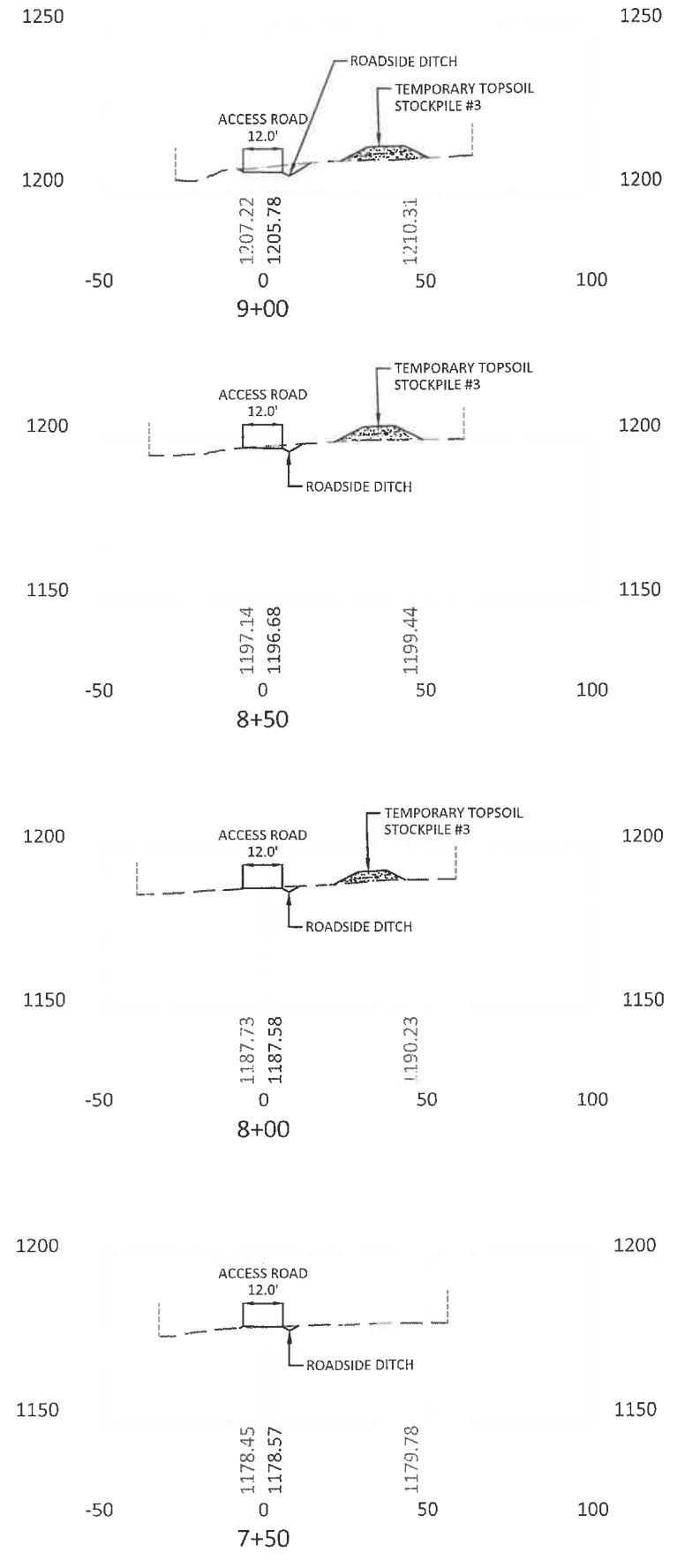
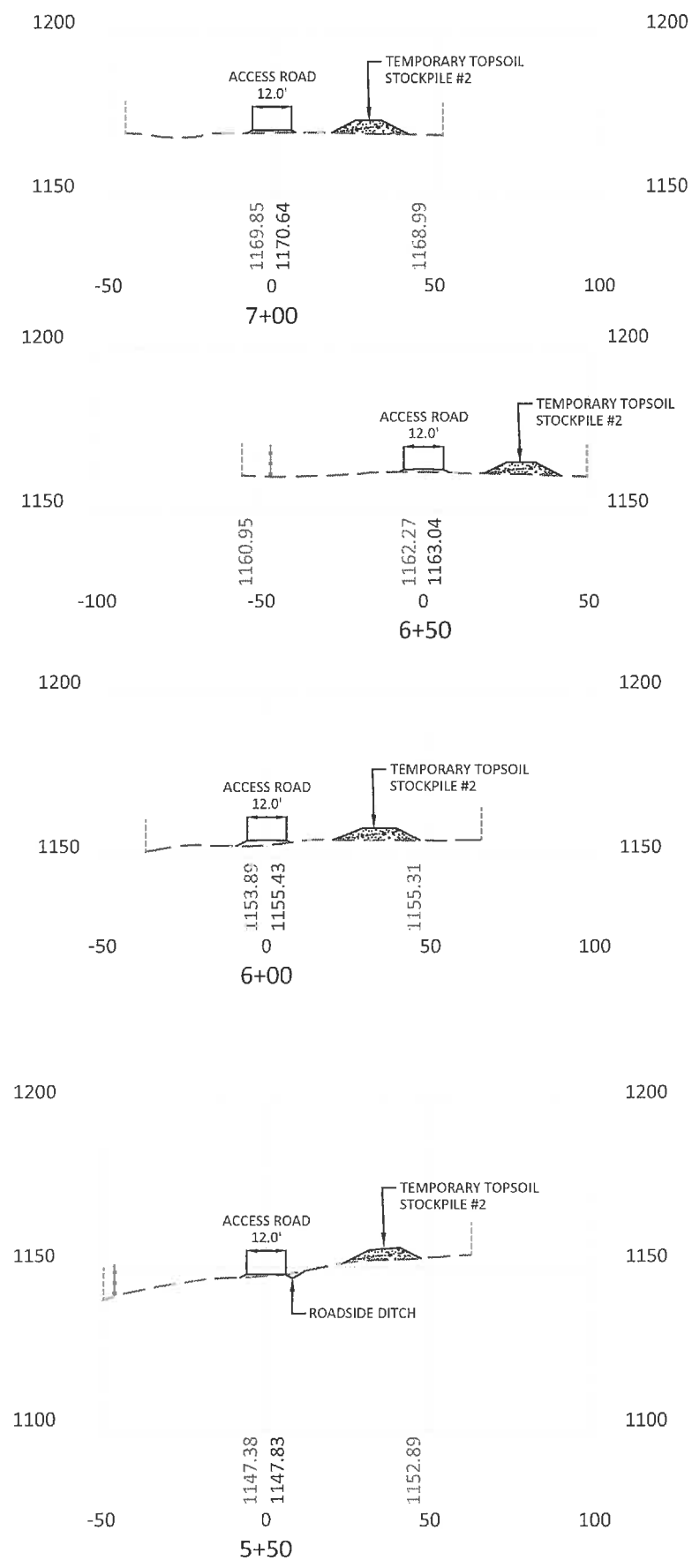
LEGEND
--- ORIGINAL GRADE
— PROPOSED GRADE



DATE:
JUNE 2026
BARRACKMAN 8
CLAY DISTRICT,
MONONGALIA COUNTY,
WV

PROFILES
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

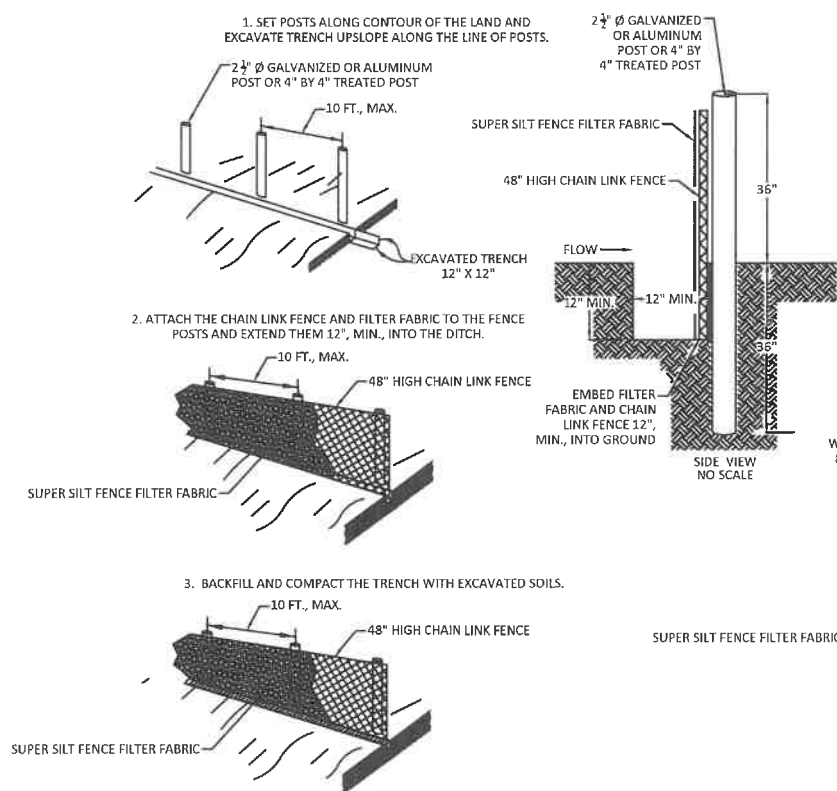


TEMPORARY ACCESS ROAD #1 CROSS-SECTIONS

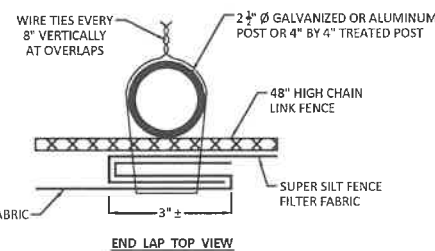
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

BOORD, BENCHEK AND ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

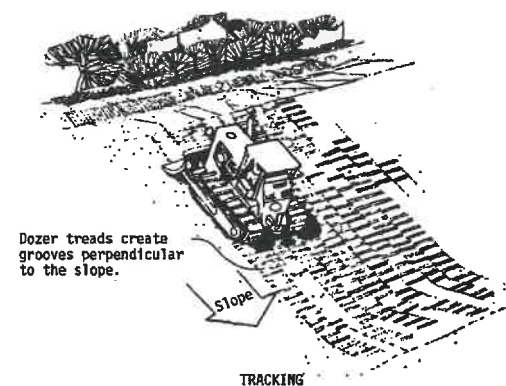
REVISIONS	DATE	DESCRIPTION



1. CHAIN LINK FENCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 608 OF THE WVDOT SPECIFICATIONS. CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE POSTS WITH WIRE TIES OR STAPLES.
2. POSTS NEED NOT BE SET IN CONCRETE.
3. THE FILTER FABRIC SHALL BE FASTENED TO THE CHAIN LINK FENCE WITH TIES EVERY 24" AT THE TOP AND MID SECTION.
4. FABRIC AND FENCE SHALL BE EMBEDDED 12", MINIMUM, INTO THE GROUND.
5. A 6" MINIMUM OVERLAP SHALL BE PROVIDED WHERE TWO SECTIONS OF FABRIC ADJOIN. THE OVERLAPPED FABRIC SHALL BE FOLDED TOGETHER AND ATTACHED TO THE CHAIN LINK FENCE.
6. 4" BY 4" PRESSURE TREATED POSTS MAY BE SUBSTITUTED FOR METAL FENCE POSTS WITH THE APPROVAL OF THE ENGINEER.
7. THE LENGTH OF SLOPE ABOVE THE FENCE SHALL NOT EXCEED 400 FEET IN STEEP TERRAIN. IN FLATTER AREAS THE LENGTH CAN BE EXTENDED WITH THE APPROVAL OF THE ENGINEER.



NOT TO SCALE

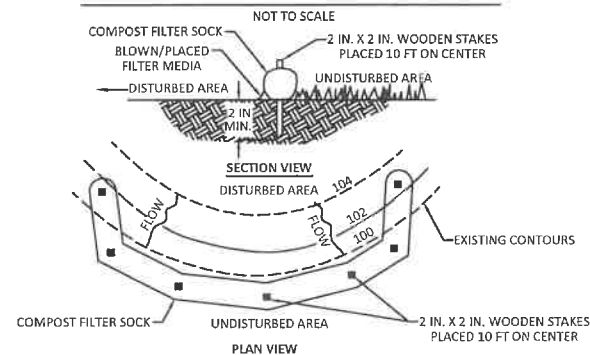


SEED TYPE	lbs/ACRES
Orchard Grass	46
Red Clover	8
Tertraploid Perennial Rye	16
Timothy	15
Annual Rye	15

SEED TYPE	lbs/ACRES
Orchard Grass	46
Red Clover	8
Tertraploid Perennial Rye	16
Timothy	15
Annual Rye	15

FERTILIZER
LIME: 2 TONS/ACRE OR TO THE CORRECT PH OF 7
FERTILIZER TYPE: 19-19-19
FERTILIZER AMOUNT: 500 LBS/ACRE
MULCH: 2 TONS/ACRES

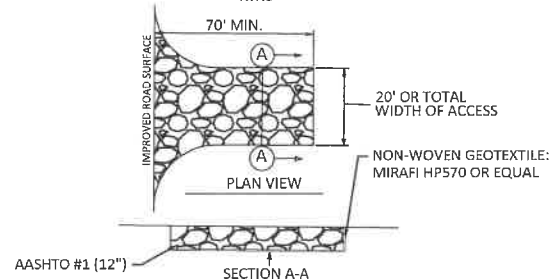
NOT TO SCALE



COMPOST SHALL MEET THE FOLLOWING STANDARDS:	
ORGANIC MATTER CONTENT	80% - 100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5 - 8.5
MOISTURE CONTENT	35% - 55%
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 DS MAXIMUM

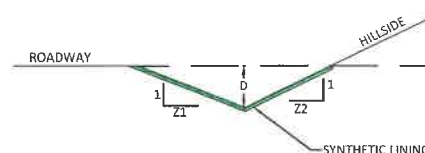
- 1) INSTALL ROCK CONSTRUCTION ENTRANCE FOR 70 FEET.
- 2) INSTALL SUPER SILT FENCE #1 - #21 & 32" CFS #1 - #8 (LIMIT TREE CLEARING, RUN SUPER SILT FENCE THROUGH THE WOODS).
- 3) CLEAR AND GRUB TEMPORARY ACCESS ROAD #1 AND TEMPORARY PLUGGING PAD #1 AND PLACE TOPSOIL IN DESIGNATED TOPSOIL STOCKPILE AREAS.
- 4) CONSTRUCT TEMPORARY ACCESS ROAD #1 AND TEMPORARY PLUGGING PAD #1.
- 5) TEMPORARILY PLACE GEOTEXTILE AND STONE OR MATS FOR TEMPORARY ACCESS ROAD #1 & TEMPORARY PLUGGING PAD #1.
- 6) PLUG EXISTING WELL.
- 7) SEED AND MULCH ALL DISTURBED AREAS.
- 8) REMOVE TEMPORARY PLUGGING PAD #1, TEMPORARY ACCESS ROAD #1, AND ALL OTHER CONSTRUCTION MATERIAL.
- 9) REMOVE ROCK CONSTRUCTION ENTRANCE AND SEED AND MULCH ALL DISTURBED AREAS.
- 10) KEEP ALL EROSION AND SEDIMENTATION CONTROLS IN PLACE UNTIL THERE IS 70% UNIFORM PERENNIAL GROWTH OVER THE ENTIRE SITE.

704 MIN



ROCK CONSTRUCTION ENTRANCE THICKNESS WILL BE CONSTANTLY MAINTAINED TO SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE OF ROCK MATERIAL WILL BE MAINTAINED ON THE SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL EDDIMENT DEPOSITED ON PUBLIC ROADWAYS WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.

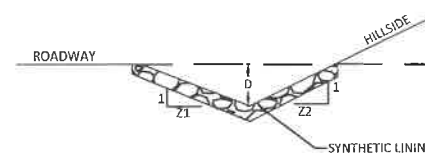
NOT TO SCALE



ANCHOR TRENCHES SHALL BE INSTALLED AT BEGINNING AND END OF CHANNEL IN THE SAME MANNER AS LONGITUDINAL ANCHOR TRENCHES.

NO MORE THAN ONE THIRD OF THE SHOOT (GRASS LEAF) SHALL BE REMOVED IN ANY MOWING. GRASS HEIGHT SHALL BE MAINTAINED BETWEEN 2 AND 3 INCHES UNLESS OTHERWISE SPECIFIED. EXCESS VEGETATION SHALL BE REMOVED FROM PERMANENT CHANNELS TO ENSURE SUFFICIENT CHANNEL CAPACITY.

NOT TO SCALE



- FILTER STONE UNDERLAYMENT FOR BED SLOPES ≥ 0.10 FT/FT (10 %) SHALL BE USED.
- CHANNEL DIMENSIONS ARE FOR THE COMPLETED CHANNEL AFTER ROCK PLACEMENT. CHANNEL MUST BE OVER-EXCAVATED A SUFFICIENT AMOUNT TO ALLOW FOR THE VOLUME OF ROCK PLACED WITHIN THE CHANNEL, WHILE MAINTAINING THE SPECIFIED FINISHED DIMENSIONS.
- CHANNEL DIMENSIONS SHALL BE MEASURED MAINLY AT THE HEAD OF CHANNEL. CHANNEL SHALL BE CLEANED WHENEVER TOTAL CHANNEL DEPTH IS REDUCED BY 25% AT ANY LOCATION. SEDIMENT DEPOSITS SHALL BE REMOVED WITHIN 24 HOURS OF DISCOVERY OR AS SOON AS SOIL CONDITIONS PERMIT ACCESS TO CHANNEL WITHOUT FURTHER DAMAGE.
- DAMAGED LINING SHALL BE REPAIRED OR REPLACED WITHIN 48 HOURS OF DISCOVERY.
- THE MINIMUM ROCK THICKNESS SHALL BE 15 TIMES THE MAX ROCK SIZE.

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

Canonsburg, PA 15317 Phone: 724-746-1055

BARRACKMAN 8

CLAY DISTRICT,
MONONGALIA COUNTY,
WV

DEFINITION

GENERAL NOTES FOR INSTALLATION OF STREAM CROSSING

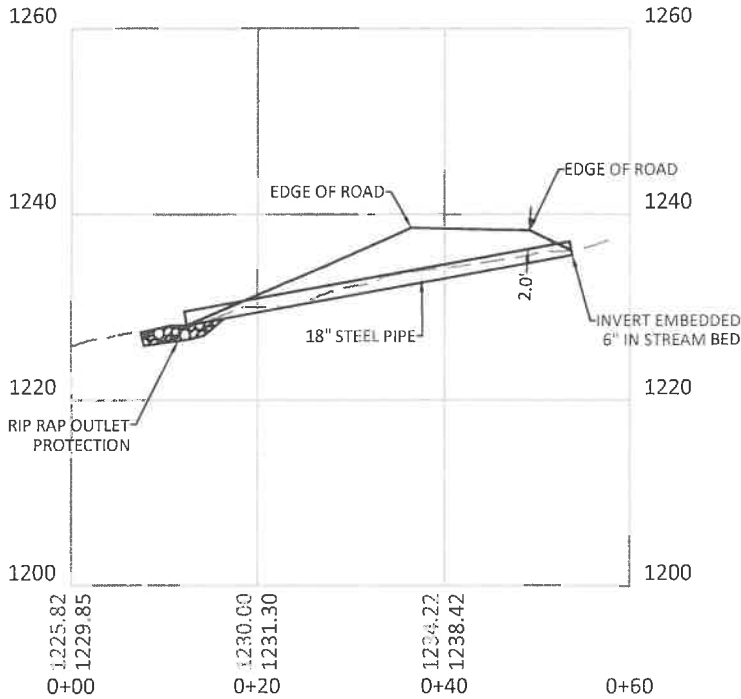
EROSION AND SEDIMENT CONTROLS FOR IN-CHANNEL WORK

1. WHENEVER POSSIBLE, WORK SHOULD BE DONE DURING LOW FLOW SEASONS. NORMAL FLOW SHOULD BE CONVEYED PAST THE WORK AREA BY MEANS OF A BYPASS CHANNEL, PUMP OR COFFERDAM. ALL SUCH BYPASSES SHOULD BE COMPLETED AND STABILIZED PRIOR TO DIVERTING FLOW.
2. ANY IN CHANNEL EXCAVATIONS SHOULD BE DONE FROM THE TOP OF BANKS WHEREVER POSSIBLE. WHERE THIS IS NOT POSSIBLE, A TEMPORARY CROSSING SHOULD BE PROVIDED FOR ANY EQUIPMENT WORKING FROM WITHIN THE CONFIGURATIONS, AS MUCH AS POSSIBLE, AND STABILIZED.
3. ALL EXCAVATED CHANNEL MATERIALS THAT WILL BE SUBSEQUENTLY USED AS BACKFILL SHOULD BE PLACED IN A TEMPORARY STOCKPILE LOCATED OUTSIDE THE CHANNEL. A SEDIMENT BARRIER SHOULD BE INSTALLED BETWEEN THE STORAGE PILE AND THE STREAM CHANNEL.
4. ALL EXCAVATED MATERIALS THAT WILL NOT BE USED ON SITE MUST BE IMMEDIATELY REMOVED TO A DISPOSAL SITE HAVING AN APPROVED EROSION AND SEDIMENT POLLUTION PLAN.
5. ANY PUMPED WATER FROM EXCAVATED AREAS MUST BE FILTERED PRIOR TO DISCHARGING INTO WATERS OF THE COMMONWEALTH. THE USE OF FILTER BAGS IS ANOTHER ACCEPTABLE METHOD IF LOCATED ON A RELATIVELY FLAT (<5% SLOPE), WELL-VEGETATED AREA. THE BAG SHOULD BE DESIGNED TO TRAP PARTICLES LARGER THAN 150 MICRONS. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. WHEN THE BAG HAS BEEN FILLED TO 1/2 ITS TOTAL CAPACITY, IT SHOULD BE REPLACED WITH A NEW BAG AND PROPERLY DISPOSED. WHEREVER WELL-VEGETATED AREAS ARE NOT AVAILABLE, A GEOTEXTILE UNDERLAYMENT SHOULD BE USED. CONSIDERATION SHOULD BE GIVEN TO HOW THE BAG WILL BE ACCESSED AND REMOVED ONCE IT HAS BEEN 1/2 FILLED WITH SEDIMENT.
6. ALL DISTURBED AREAS WITHIN THE EXISTING CHANNEL SHOULD BE COMPLETED AND STABILIZED BEFORE FLOW IS REDIRECTED INTO IT. SUITABLE PROTECTION SHOULD BE PROVIDED FOR THE STREAM CHANNEL FROM ANY DISTURBED AREAS THAT HAVE NOT YET ACHIEVED STABILIZATION.
7. WHENEVER A TEMPORARY BYPASS CHANNEL IS USED, IT SHOULD CONFORM TO DETAILS ON THIS SHEET. IT IS RECOMMENDED THAT CONSIDERATION BE GIVEN TO USING A GEOTEXTILE PROTECTIVE LINING FOR TEMPORARY BYPASS CHANNEL.
8. A TEMPORARY BYPASS CHANNEL MUST BE DESIGNED TO PASS NORMAL BASE FLOWS IF THE CROSSING WILL BE COMPLETED IN ON TO THREE DAYS, OTHERWISE THE CHANNEL MUST BE DESIGNED TO PASS THE ONE YEAR FREQUENCY STORM.
9. PUMP WATER BYPASS SYSTEMS IS USED, IT SHOULD CONFORM TO DETAIL ON THIS SHEET.

STREAM CROSSING GENERAL NOTES

1. CULVERTS MUST BE INSTALLED THAT THE ROAD WILL BE OVERTOPPED FOR HEAVY RAINS.
2. CULVERT INVERTS SHALL BE INSTALLED MINIMUM 6 INCHES BELOW NATURAL STREAM BED.
3. FILTER FABRIC FENCE OR COMPOST FILTER SOCK MUST BE INSTALLED AT EXISTING LEVEL GRADE. BOTH ENDS OF EACH FENCE OR SOCK SECTION MUST BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO MAIN FENCE OR SOCK ALIGNMENT.
4. SEDIMENT MUST BE REMOVED WHERE ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FENCE.
5. ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE REPLACED IMMEDIATELY WITH A ROCK FILTER OUTLET.

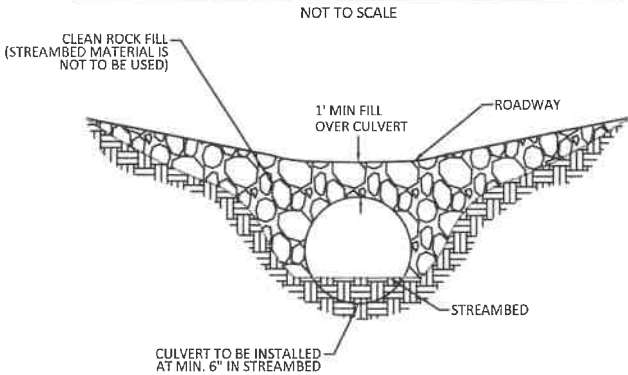
STREAM CROSSING #1
K-K'



SCALE BAR: 1"=20'



STANDARD CONSTRUCTION DETAIL
TYPICAL STREAM CROSSING



NOTES:

PIPES SHALL EXTEND BEYOND THE TOE OF THE ROADWAY.

RUNOFF FROM THE ROADWAY SHALL BE DIVERTED OFF THE ROADWAY AND INTO A SEDIMENT REMOVAL BMP BEFORE IT REACHES THE ROCK APPROACH TO THE CROSSING.

MAINTENANCE

1. INSPECT THE ROAD AT A MINIMUM ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCHES OF RAIN PER 24 HOUR PERIODS.
2. DAMAGED CROSSINGS SHALL BE REPAIRED WITHIN 24 HOURS OF THE INSPECTION AND BEFORE ANY SUBSEQUENT USE.
3. SEDIMENT DEPOSITS ON THE CROSSING OR ITS APPROACHES SHALL BE REMOVED WITHIN 24 HOURS OF THE INSPECTION.

NOTES:

GRUBBING SHALL NOT TAKE PLACE WITHIN 50 FEET OF TOP-OF-BANK UNTIL ALL MATERIALS REQUIRED TO COMPLETE CROSSING ARE ON SITE AND PIPE IS READY FOR INSTALLATION.

BYPASS PUMP INTAKE SHALL BE MAINTAINED A SUFFICIENT DISTANCE FROM THE BOTTOM TO PREVENT PUMPING OF CHANNEL BOTTOM MATERIALS.

WATER ACCUMULATING WITHIN THE WORK AREA SHALL BE PUMPED TO A PUMPED WATER FILTER BAG OR SEDIMENT TRAP PRIOR TO DISCHARGING INTO ANY SURFACE WATER.

HAZARDOUS OR POLLUTANT MATERIAL STORAGE AREAS SHALL BE LOCATED AT LEAST 100 FEET BACK FROM THE TOP OF STREAMBANK.

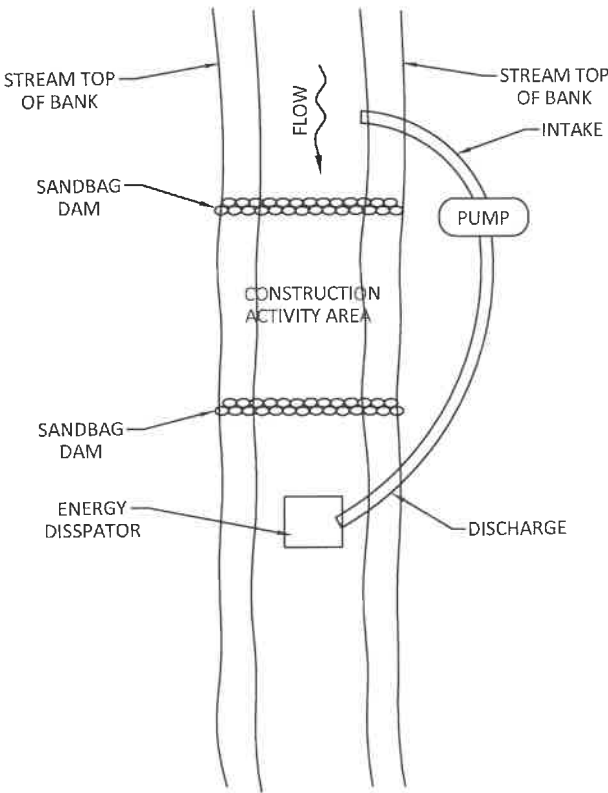
ALL EXCESS EXCAVATED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE STREAM CROSSING AREA.

ALL DISTURBED AREAS WITHIN 50 FEET OF TOP-OF-BANK SHALL BE BLANKETED OR MATTED WITHIN 24 HOURS OF INITIAL DISTURBANCE FOR MINOR STREAMS OR 48 HOURS OF INITIAL DISTURBANCE FOR MAJOR STREAMS UNLESS OTHERWISE AUTHORIZED.

APPROPRIATE STREAMBANK PROTECTION SHALL BE PROVIDED WITHIN THE CHANNEL.

STANDARD CONSTRUCTION DETAIL
STREAM CROSSING WITH PUMP BYPASS

NOT TO SCALE



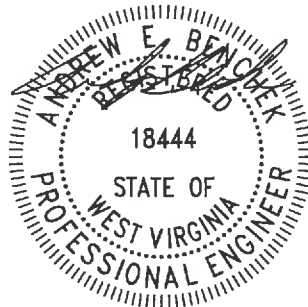
DETAILS

BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

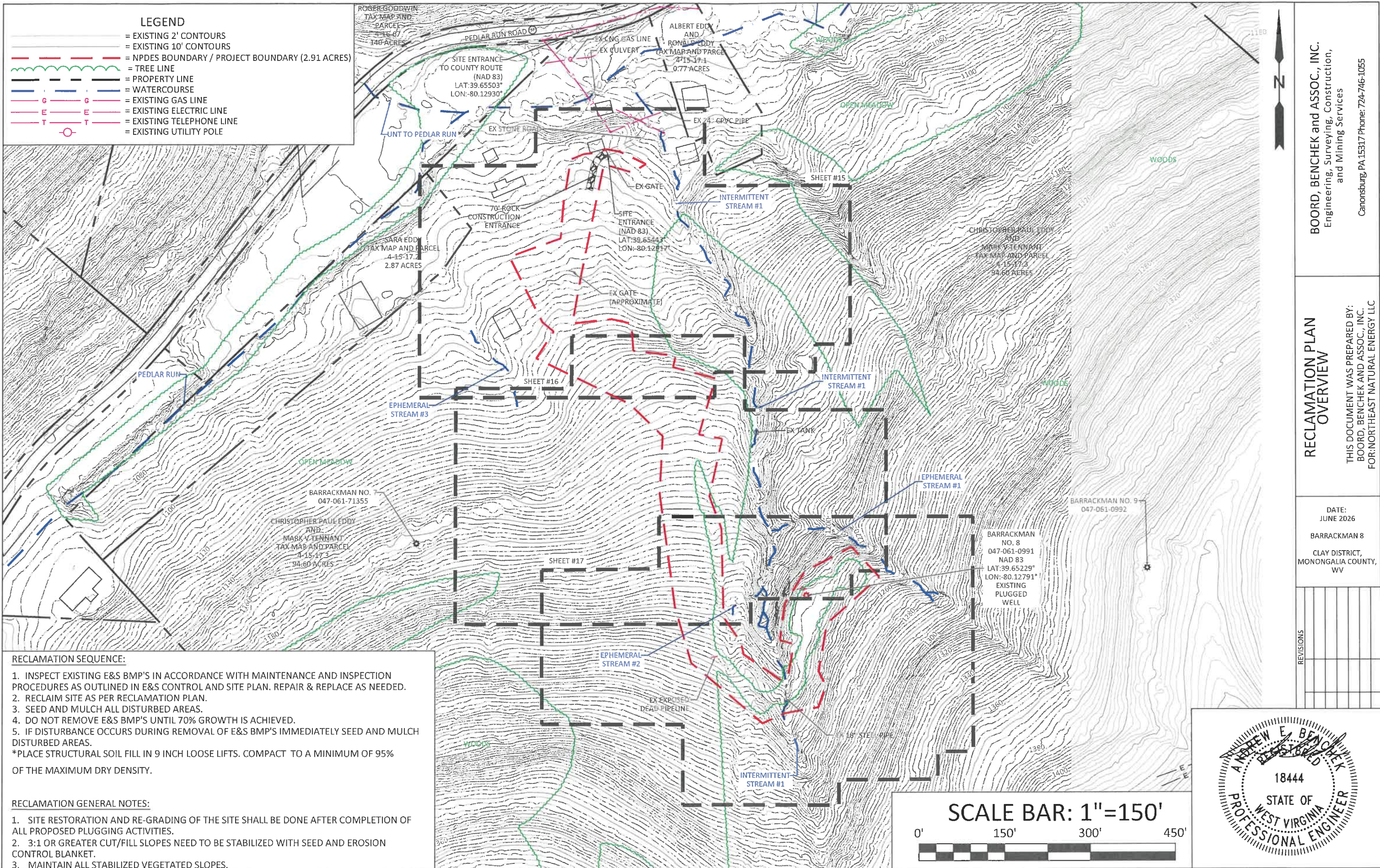
DATE:
JUNE 2026
BARRACKMAN 8
CLAY DISTRICT,
MONONGALIA COUNTY,
WV

REVISIONS



08/21/2026

SHEET 13 OF 17



BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

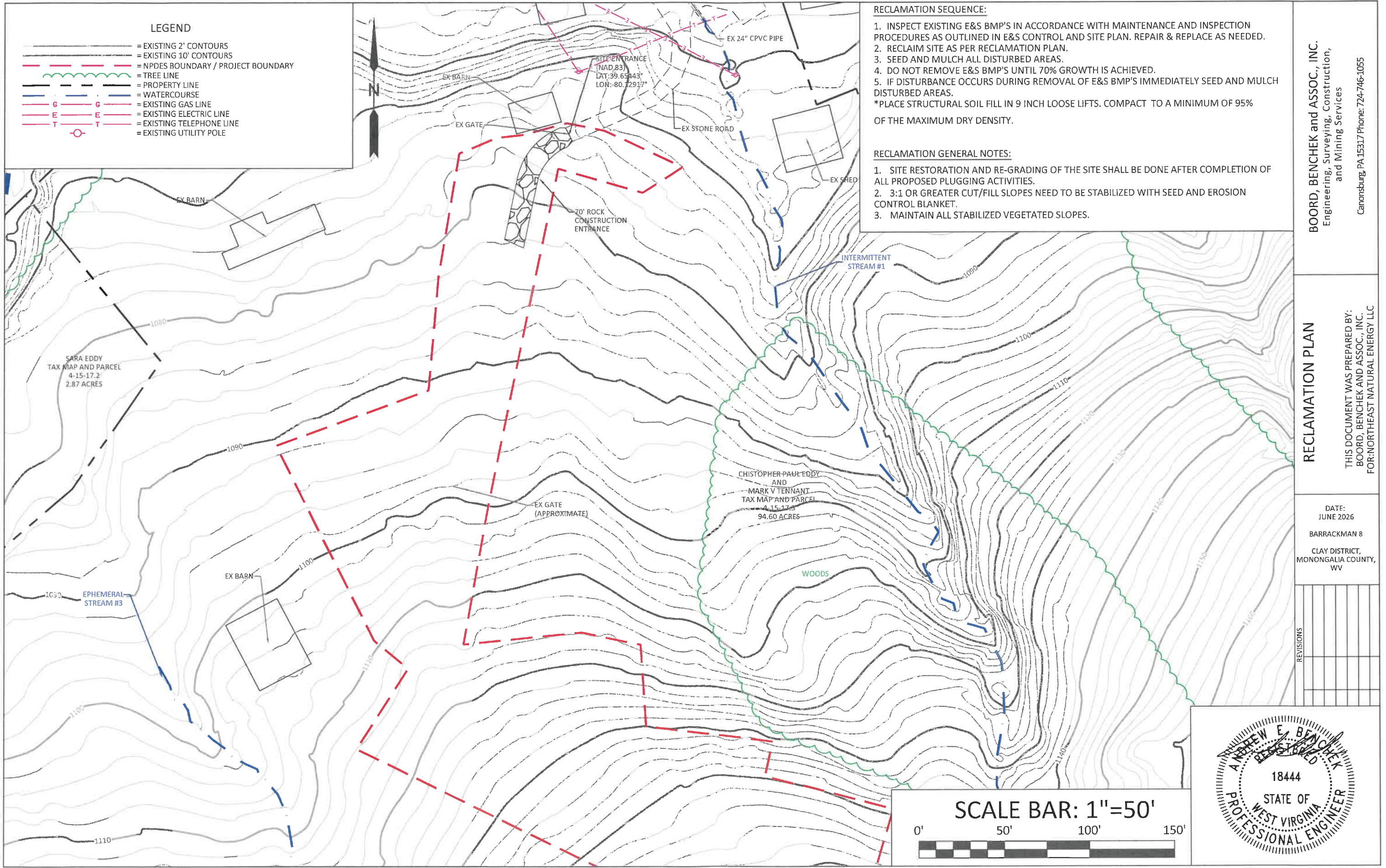
**RECLAMATION PLAN
OVERVIEW**

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JUNE 2026

BARRACKMAN 8

CLAY DISTRICT,
MONONGALIA COUNTY,
WV



RECLAMATION SEQUENCE:

1. INSPECT EXISTING E&S BMP'S IN ACCORDANCE WITH MAINTENANCE AND INSPECTION PROCEDURES AS OUTLINED IN E&S CONTROL AND SITE PLAN. REPAIR & REPLACE AS NEEDED.
 2. RECLAIM SITE AS PER RECLAMATION PLAN.
 3. SEED AND MULCH ALL DISTURBED AREAS.
 4. DO NOT REMOVE E&S BMP'S UNTIL 70% GROWTH IS ACHIEVED.
 5. IF DISTURBANCE OCCURS DURING REMOVAL OF E&S BMP'S IMMEDIATELY SEED AND MULCH DISTURBED AREAS.
- *PLACE STRUCTURAL SOIL FILL IN 9 INCH LOOSE LIFTS. COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.

RECLAMATION GENERAL NOTES:

1. SITE RESTORATION AND RE-GRADING OF THE SITE SHALL BE DONE AFTER COMPLETION OF ALL PROPOSED PLUGGING ACTIVITIES.
2. 3:1 OR GREATER CUT/FILL SLOPES NEED TO BE STABILIZED WITH SEED AND EROSION CONTROL BLANKET.
3. MAINTAIN ALL STABILIZED VEGETATED SLOPES.

BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services

Canonsburg, PA 15317 Phone: 724-746-1055

RECLAMATION PLAN

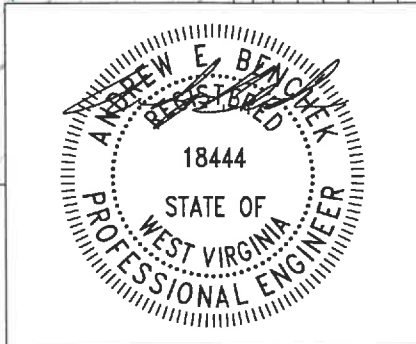
THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JUNE 2026

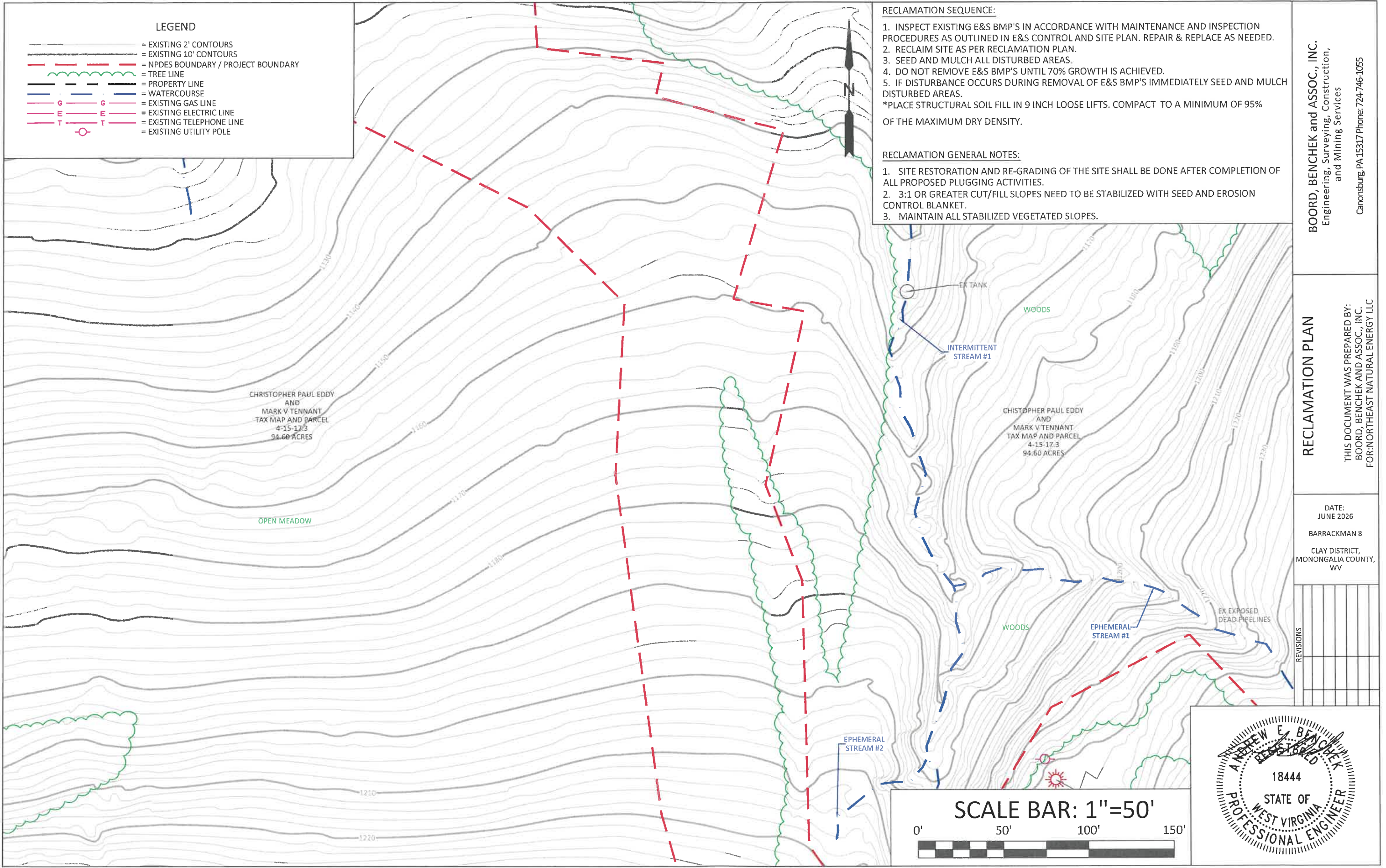
BARRACKMAN 8

CLAY DISTRICT,
MONONGALIA COUNTY,
WV

REVISIONS	



08/21/2026



BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

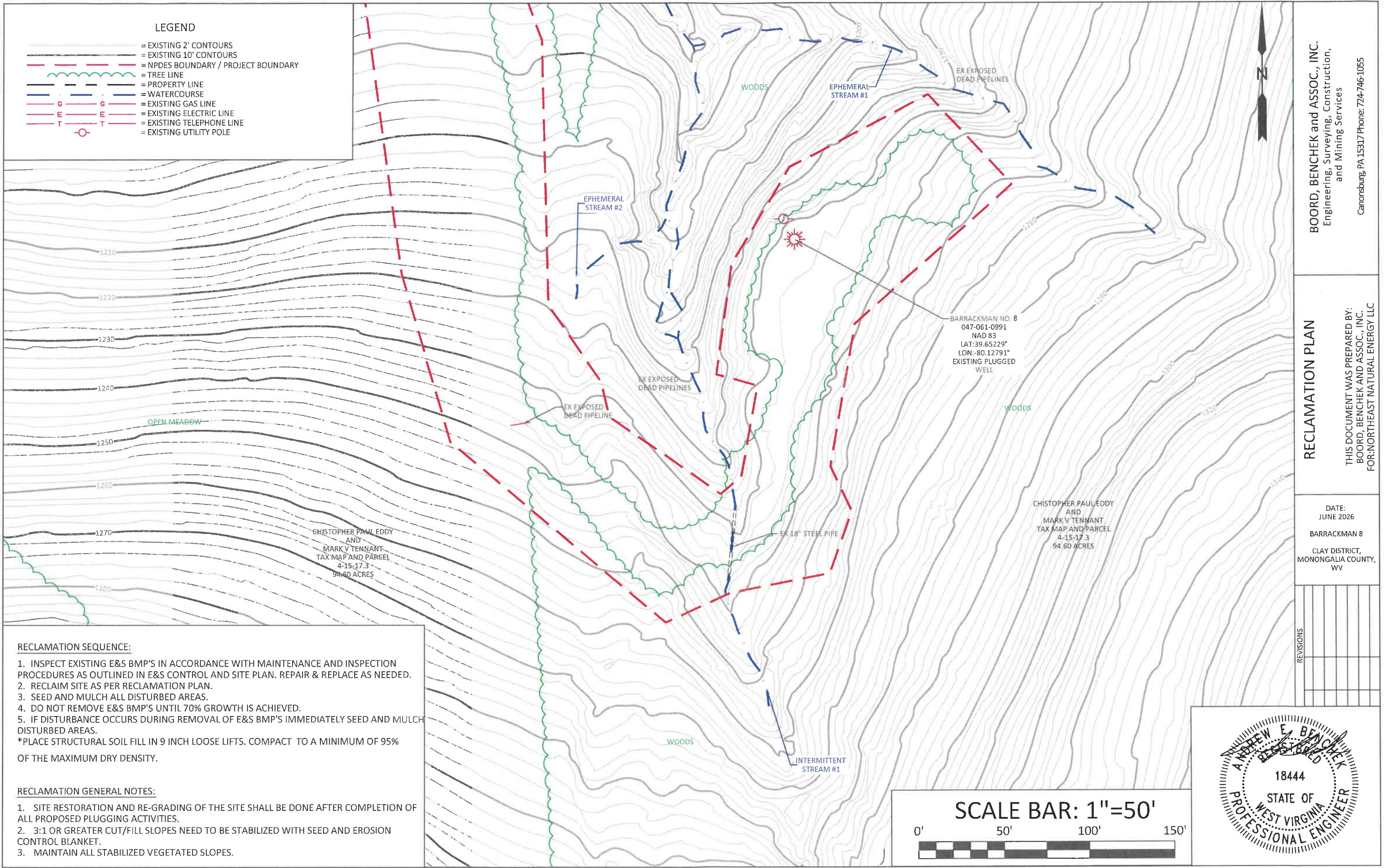
RECLAMATION PLAN

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JUNE 2026

BARRACKMAN 8

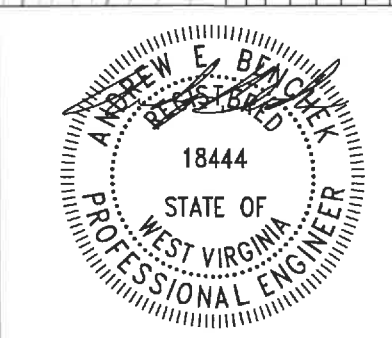
CLAY DISTRICT,
MONONGALIA COUNTY,
WV



LEGEND

- = EXISTING 2' CONTOURS
- = EXISTING 10' CONTOURS
- = NPDES BOUNDARY / PROJECT BOUNDARY
- = TREE LINE
- = PROPERTY LINE
- = WATERCOURSE
- = EXISTING GAS LINE
- = EXISTING ELECTRIC LINE
- = EXISTING TELEPHONE LINE
- = EXISTING UTILITY POLE

- RECLAMATION SEQUENCE:**
1. INSPECT EXISTING E&S BMP'S IN ACCORDANCE WITH MAINTENANCE AND INSPECTION PROCEDURES AS OUTLINED IN E&S CONTROL AND SITE PLAN. REPAIR & REPLACE AS NEEDED.
 2. RECLAIM SITE AS PER RECLAMATION PLAN.
 3. SEED AND MULCH ALL DISTURBED AREAS.
 4. DO NOT REMOVE E&S BMP'S UNTIL 70% GROWTH IS ACHIEVED.
 5. IF DISTURBANCE OCCURS DURING REMOVAL OF E&S BMP'S IMMEDIATELY SEED AND MULCH DISTURBED AREAS.
- *PLACE STRUCTURAL SOIL FILL IN 9 INCH LOOSE LIFTS. COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.
- RECLAMATION GENERAL NOTES:**
1. SITE RESTORATION AND RE-GRADING OF THE SITE SHALL BE DONE AFTER COMPLETION OF ALL PROPOSED PLUGGING ACTIVITIES.
 2. 3:1 OR GREATER CUT/FILL SLOPES NEED TO BE STABILIZED WITH SEED AND EROSION CONTROL BLANKET.
 3. MAINTAIN ALL STABILIZED VEGETATED SLOPES.



BOORD, BENCHEK and ASSOC., INC.
Engineering, Surveying, Construction,
and Mining Services
Canonsburg, PA 15317 Phone: 724-746-1055

RECLAMATION PLAN

THIS DOCUMENT WAS PREPARED BY:
BOORD, BENCHEK AND ASSOC., INC.
FOR: NORTHEAST NATURAL ENERGY LLC

DATE:
JUNE 2026

BARRACKMAN 8

CLAY DISTRICT,
MONONGALIA COUNTY,
WV

REVISIONS

08/21/2026



Kennedy, James P <james.p.kennedy@wv.gov>

plugging permits issued for 4706100522, 00526, and 00991

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Wed, Aug 19, 2026 at 11:01 AM

To: Robert J Hitt <robert.j.hitt@wv.gov>, mmusick@assessor.org, Hollie Medley <hmedley@nne-llc.com>, Matt Biddle <MBiddle@nne-llc.com>, Rebecca Zachwieja <rzachwieja@nne-llc.com>

To whom it may concern, plugging permits have been issued for 4706100522, 00526, and 00991.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov

3 attachments **4706100526.pdf**
6148K **4706100991.pdf**
6579K **4706100522.pdf**
8416K**08/21/2026**