



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

Friday, April 29, 2022
PERMIT MODIFICATION APPROVAL
Horizontal 6A / New Drill

CNX GAS COMPANY LLC
1000 CONSOL ENERGY DR

CANONSBURG, PA 15370

Re: Permit Modification Approval for WDTN5XHSM
47-061-01872-00-00

Adding LOD for extension of drainage pipes

CNX GAS COMPANY LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned above the printed name and title.

James A. Martin
Chief

Operator's Well Number: WDTN5XHSM
Farm Name: JOHN M. WISE, ET UX., ET AL.
U.S. WELL NUMBER: 47-061-01872-00-00
Horizontal 6A New Drill
Date Modification Issued: 4/29/2022

Promoting a healthy environment.

04/29/2022

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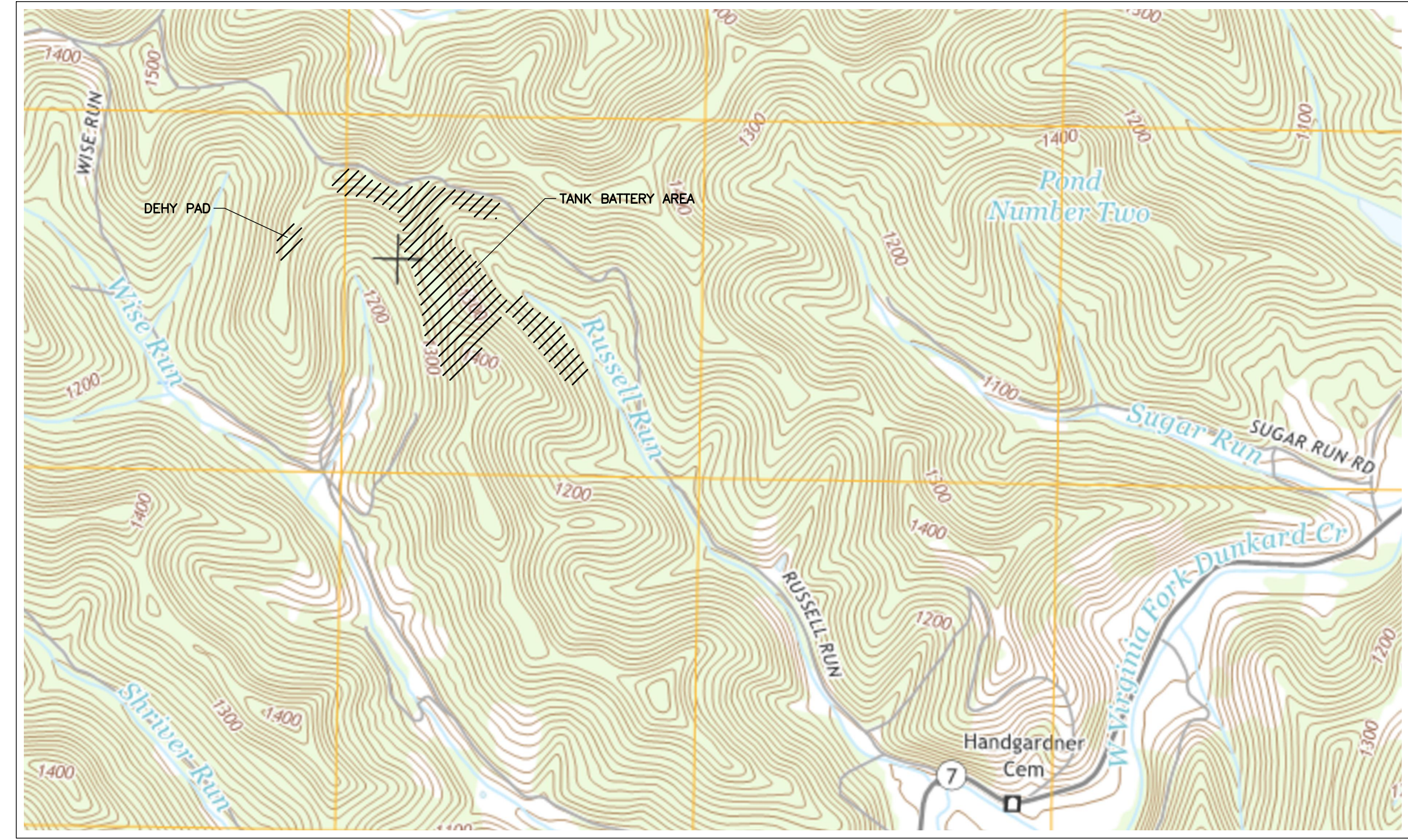
PLAN REPRODUCTION WARNING
 THE PLANS HAVE BEEN CREATED ON ANSI D (22" X 34") SHEETS. FOR REDUCTIONS, REFER TO GRAPHIC SCALE.
 THE PLANS HAVE BEEN CREATED FOR FULL COLOR PLOTTING. ANY SET OF THE PLANS THAT IS NOT PLOTTED IN FULL COLOR SHALL NOT BE CONSIDERED ADEQUATE FOR CONSTRUCTION PURPOSES.
 WARNING: INFORMATION MAY BE LOST IN COPYING AND/OR GRAY SCALE PLOTTING.
 WEST VIRGINIA STATE LAW REQUIRES THAT YOU CALL TWO BUSINESS DAYS BEFORE YOU DIG IN THE STATE OF WEST VIRGINIA. IT'S THE LAW!



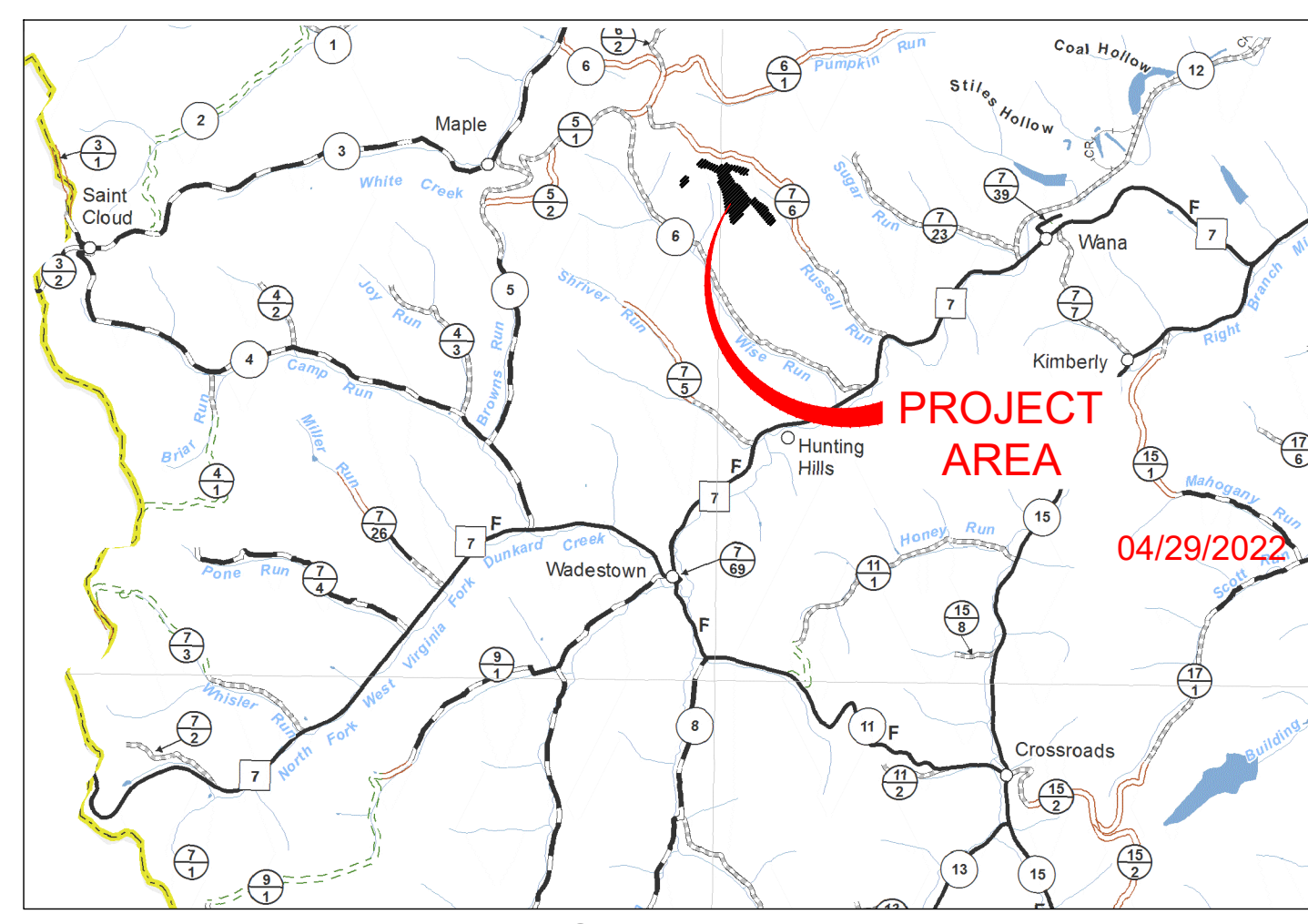
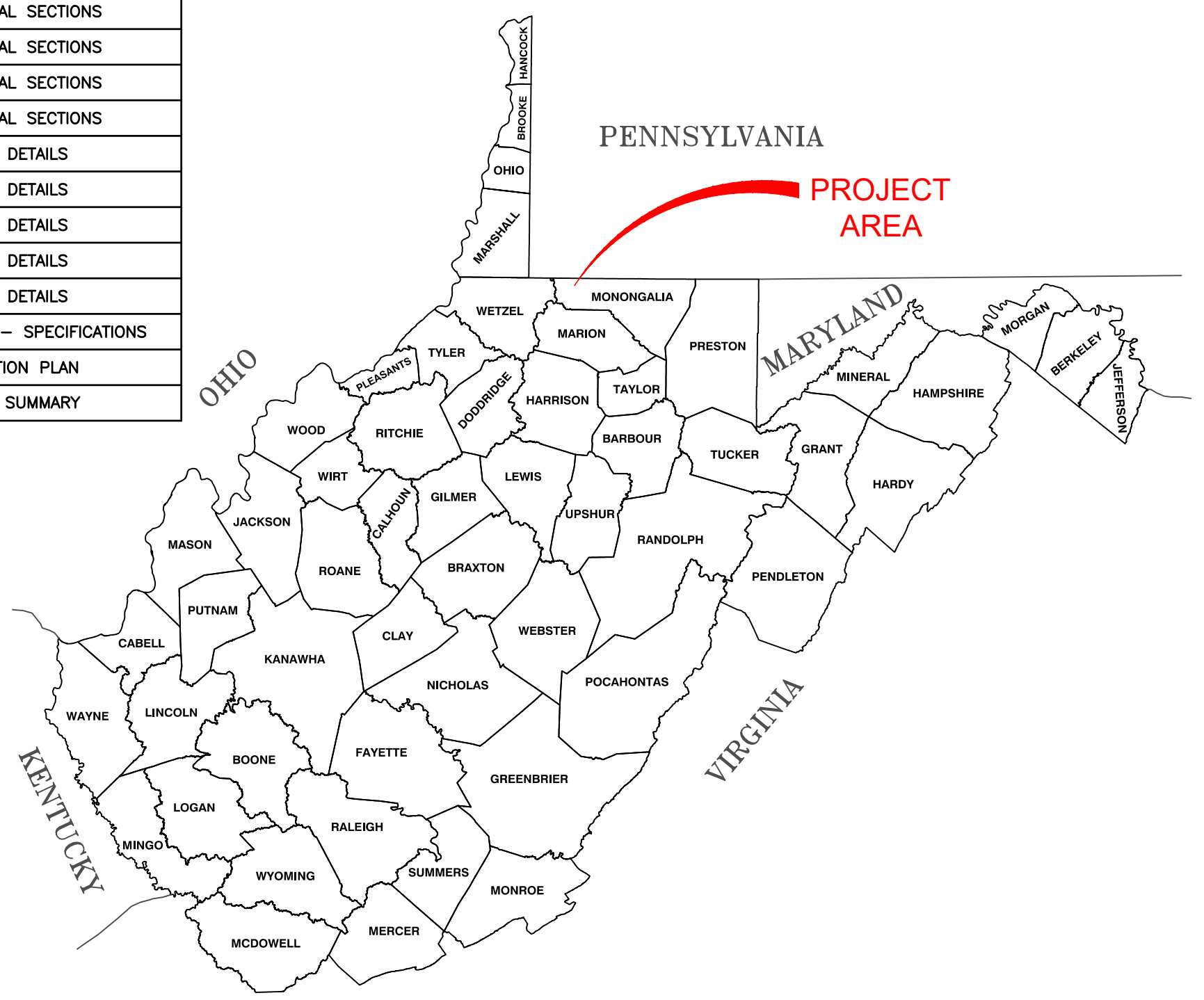
APPROVED WVDEP OOG Modification
 4/29/2022

WDTN TANK BATTERY PAD SITE PLAN

CNX GAS COMPANY LLC



LOCATION MAP
 WADESTOWN USGS 7.5' QUAD
 SCALE IN FEET



VICINITY MAP
 MONONGALIA COUNTY ROAD MAP
 SCALE IN FEET

PROJECT CONTACTS:
 OPERATOR:
 CNX GAS COMPANY LLC
 CNX CENTER
 1000 CONSOL ENERGY DRIVE
 CANNONSBURG, PA 15317
 PHONE: (724) 485-4109
 CONTACT: KEN CERNY
 PERMITTING COORDINATOR

ENGINEER/SURVEYOR:
 CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 THOMAS W. ADAMS, PE - PROJECT MANAGER/ENGINEER
 OFFICE: (304) 848-7151 FAX: (304) 933-3327

ENVIRONMENTAL:
 CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 JACQUYLYN KESTER - PROJECT MANAGER
 CONTACT: KEN CERNY
 PERMITTING COORDINATOR

WVDOH
 DISTRICT FOUR
 PH: (304) 842-1500
 CONTACT: DISTRICT ENGINEER
 MICHAEL CRONIN, P.E.

GEOTECHNICAL:
 CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
 KOW ESHUN - PROJECT MANAGER
 OFFICE: (304) 933-3119 FAX: (304) 933-3327

SPILL HOTLINE
 WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION (WVDEP)
 PH: (800) 642-3074

NATIONAL RESPONSE CENTER
 PH: (800) 424-8802

LOCATION COORDINATES
 LAT./LONG: N 39.707294° W 80.331853°
 NORTH/EAST: N 440816.2677 E 1734470.4333
 (APPROXIMATE CENTER TANK PAD)

LOCAL EMERGENCY SERVICES		
	NAME	TELEPHONE NO.
AMBULANCE		911
HOSPITAL EMERGENCY ROOM	RUBY MEMORIAL HOSPITAL	(304) 598-4171
FIRE DEPARTMENT		911
POLICE DEPARTMENT		911
POISON CONTROL CENTER	WEST VIRGINIA POISON CENTER	(800) 222-1222

FLOOD PLAIN CONDITIONS	
DO SITE CONSTRUCTION ACTIVITIES TAKE PLACE IN FLOODPLAIN:	NO
PERMIT NEEDED FROM COUNTY FLOODPLAIN COORDINATOR:	NO
HEC-RAS STUDY COMPLETED:	N/A
FLOODPLAIN SHOWN ON DRAWINGS:	N/A
FIRM MAP NUMBER(S) FOR SITE:	54061C0050E
ACREAGE OF CONSTRUCTION IN FLOODPLAIN:	0.00 AC

WETLAND IMPACTS (SF/AC)					
WETLAND	PERMANENT IMPACT AREA (SF/AC)	TEMPORARY IMPACT AREA (SF/AC)	CONSTRUCTION DISTURBANCE DESCRIPTION		
WETLAND A (PSS)	3,037	0.070	800	0.018	PAD FILL
WETLAND B (PEM)	420	0.010	0	0.000	PAD FILL
WETLAND F (PEM)	1,916	0.044	1,823	0.042	TOPSOIL PILE FILL
WETLAND I (PEM)	722	0.017	61	0.001	TOPSOIL PILE FILL
WETLAND I (PSS)	1,465	0.034	376	0.009	TOPSOIL PILE FILL
WETLAND N (PEM)	0	0.000	249	0.006	TEMPORARY ACCESS
TOTAL:	7,560	0.175	3,308	0.076	

LIMITS OF DISTURBANCE PARCEL BREAK UPS - WDTN TANK BATTERY PAD					
MONONGALIA COUNTY, WEST VIRGINIA					
OWNER	TM-PARCEL	DEED-PAGE	TOTAL ACRES	TYPE OF DISTURBANCE	ACERAGE
DINA M. WISE ET AL	8-2	1671-580	207.69	PARCEL INFORMATION	
				TANK BATTERY	11.83
				SPOIL PILE	1.53
				EXCESS STRIPPING REMOVAL PILE	0.10
				STRIPPING PILE 1	3.89
				STRIPPING PILE 2	0.92
				STRIPPING PILE 3	1.96
				WDTN-5 PIPELINE	0.16
				PARCEL TOTAL	20.39
CNX MIDSTREAM DEVCO III LP	8-17	1640-441	103.38	PARCEL INFORMATION	
				EXCESS STRIPPING REMOVAL PILE	5.18
				PARCEL TOTAL	5.18
DAVID WAYNE THOMAS & DOROTHY L. STEWART	8-1-3	4572-450	24.28	PARCEL INFORMATION	
				WDTN-5 PIPELINE	1.12
				PARCEL TOTAL	1.12
TOTAL					26.69

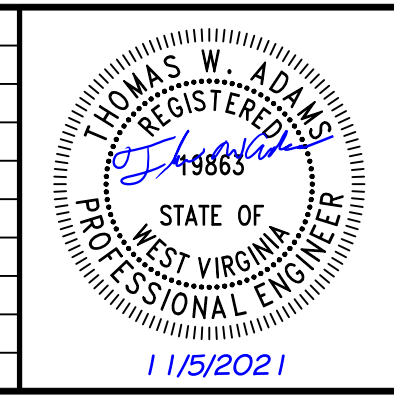
ASSOCIATED EXISTING WELLS (WDTN-5 PAD)	
API# 061-01793	
API# 061-01871	
API# 061-01877	
API# 061-01873	
API# 061-01805	
API# 061-01806	
API# 061-01807	
API# 061-01823	
API# 061-01824	
API# 061-01826	

L.O.D. AREAS	
DESCRIPTION	ACRES
TANK BATTERY	11.83
SPOIL PILE	1.53
EXCESS STRIPPING REMOVAL PILE	5.28
STRIPPING PILE 1	3.89
STRIPPING PILE 2	0.92
STRIPPING PILE 3	1.96
WDTN-5 PIPELINE	1.28
TOTAL	26.69
WOODED	23.38

ESTIMATED VOLUMES			
DESCRIPTION	CUT (CY)	FILL (CY)	NET (CY)
TANK PAD	107,176	82,245	24,931
DEHY PAD AND ACCESS ROAD	14,039	603	13,437
EXCESS STRIPPING REMOVAL PILE	0	34,000	-34,000
SPOIL PILE	0	3,646	-3,646
TOTAL BANK EARTHWORK	121,215	120,494	721
ESTIMATED SWELL / SHRINK FACTORS	0%	0.87%	-
BALANCED EARTHWORK QUANTITIES	121,215	121,214	1
TOTAL	12032 CY		
TOPSOIL / STRIPPING & STOCKPILING		WITH 20% SWELL	14439 CY

FIELD NOTES	
PROPERTY LINE	PROPOSED WATER LINE
PROPOSED LIMIT OF DISTURBANCE	PROPOSED GAS LINE
PROPOSED BOREHOLE LOCATION	PROPOSED WATERBAR
PROPOSED PAD AREA	PROPOSED TRENCH PLUG
PROPOSED GRAVEL AREA	PROPOSED TRENCH PLUG
PROPOSED STOCKPILE AREA	PROPOSED W/EDGE DRAIN
PROPOSED HYDROSED AREA	PROPOSED DIVERSION DITCH
PROPOSED EROSION CONTROL MAT	PROPOSED UNDERDRAIN TRENCH
PROPOSED SEEDING AS NECESSARY	PROPOSED CUT LINE
PROPOSED 12" FILTER SOCK	PROPOSED FILL LINE
PROPOSED 18" FILTER SOCK	PROPOSED TIMBER MAT
PROPOSED 24" FILTER SOCK	PROPOSED FILL FOUNDATION KEY
PROPOSED 30" FILTER SOCK	PROPOSED SUBSURFACE DRAIN
PROPOSED BRANCHED SEWAGE BARBER	PROPOSED RIP RAP
PROPOSED CONSTRUCTION FENCE	POTENTIAL SLIP AREA

SUMMARY OF MATERIAL (SLOPE LENGTH)			
PIPE MATERIAL	SHEET TOTAL	TOTAL	LAND USE
			N/A
			SLOPE CATEGORIES
			A -> 0 TO 5%
			B -> 5% TO 15%
			C -> 15% TO 25%
			D -> 25% TO 35%
			E -> 35% TO 50%
			F -> 50% TO 100%
			G -> 100%
			WATERBAR SPACING
			0 TO 5% 250 FT.
			5% TO 15% 150 FT.
			15% TO 30% 100 FT.
			> 30% 50 FT.



C&E
 Civil & Environmental Consultants, Inc.
 120 Genesis Boulevard · Bridgeport, WV 26330
 Ph: 304.933.3119 · 855.488.9539 · Fax: 304.933.3327
 www.ceinc.com

WDTN TANK BATTERY PAD
 MONONGALIA COUNTY, WEST VIRGINIA

PROJECT NO. 307-072
 DATE: SEPTEMBER 2021
 DRAWN BY: LAG
 CHECKED BY: TWA
 APPROVED BY: JDR
 SCALE: AS SHOWN

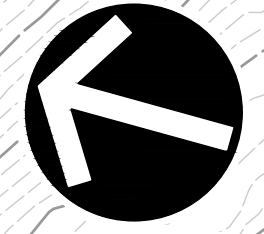
CNX

TITLE SHEET

SHEET 1 OF 51

C000

PLOT DATE: 11/15/2021 2:13:08 PM
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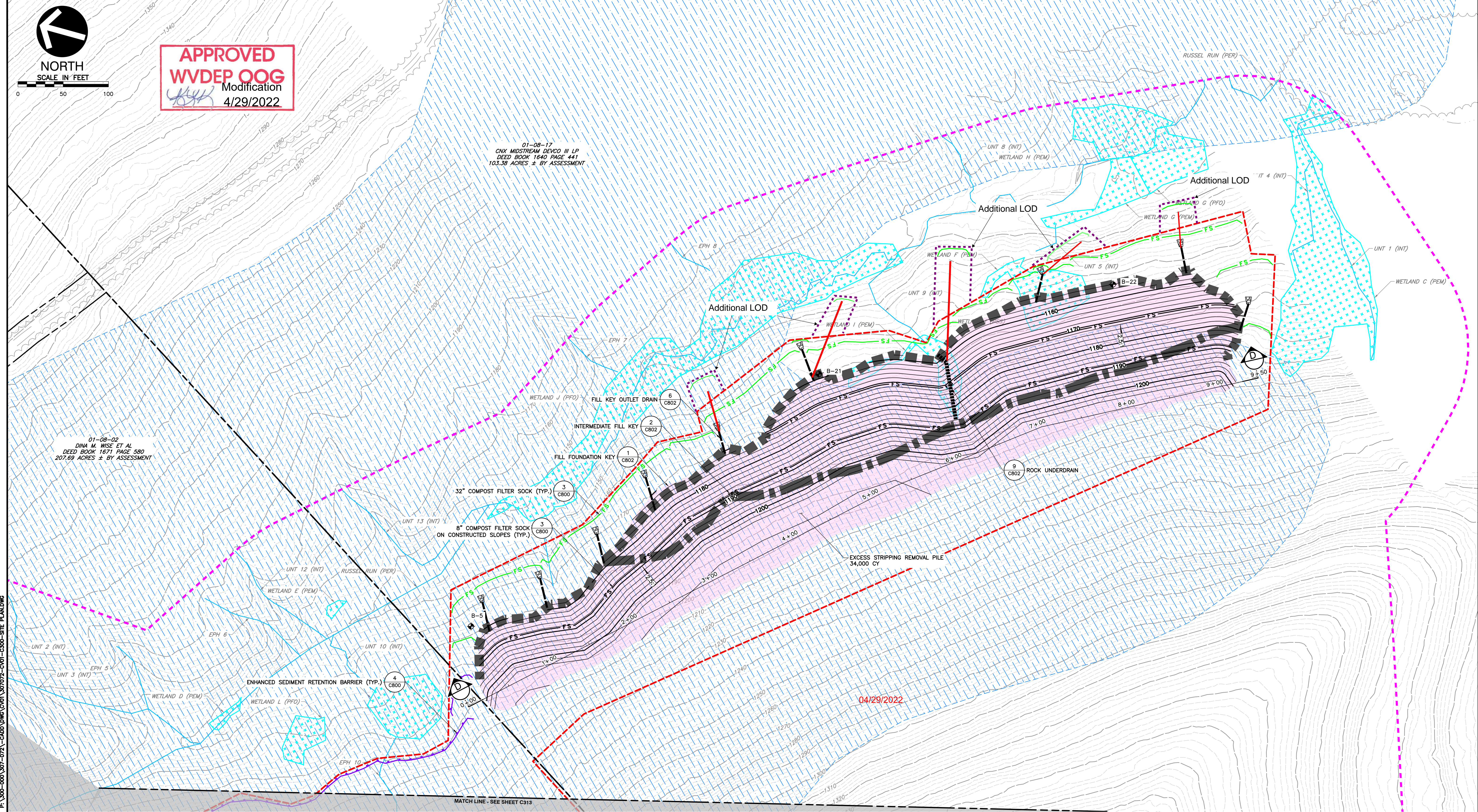


NORTH
SCALE IN FEET
0 50 100

APPROVED WVDEP OOG
Modification
4/29/2022

01-08-17
CNX MIDSTREAM DEVCO III LP
DEED BOOK 1640 PAGE 441
103.38 ACRES ± BY ASSESSMENT

01-08-02
DINA M. WISE ET AL
DEED BOOK 1671 PAGE 580
207.69 ACRES ± BY ASSESSMENT



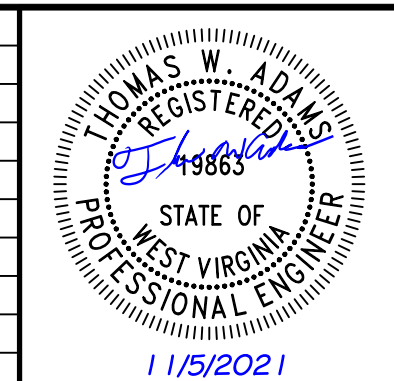
- REFERENCE**
1. TOPOGRAPHIC AND PLANIMETRIC INFORMATION PROVIDED TO CEC BY CNX.
 2. DELINEATIONS PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. ON 03/04/2021 AND 03/10/2021.
 3. GEOTECHNICAL EVALUATION WAS PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. DATED JUNE 2021.
 4. PROPERTY LINES SHOWN ARE DERIVED FROM DEED OVERLAYS.

PLOT DATE: 11/15/2021 2:17:18 PM FILENAME: P:\300-000\307-072\CADD\DWG\C313-000-SITE PLANNING

FIELD NOTES

	PROPOSED WATER LINE		EXISTING WETLAND
	PROPOSED GAS LINE		EXISTING TRENCH
	PROPOSED TRENCH PLUG		EXISTING LOCATED GASLINE
	W/LEACHED DRAIN		EXISTING GRAVEL ROAD
	PROPOSED OVERSIZON DITCH		EXISTING OVERHEAD WIRS
	PROPOSED NOSE COLLECT		EX. GAS LINE MARKER
	PROPOSED UNDERDRAIN TRENCH		EX. POWER POLE
	PROPOSED CUT LINE		
	PROPOSED FILL LINE		
	PROPOSED FILL MAT		
	PROPOSED FILL FOUNDATION KEY		
	PROPOSED SUBSURFACE DRAIN		
	PROPOSED RIP RAP		
	POTENTIAL SLIP AREA		

SUMMARY OF MATERIAL (SLOPE LENGTH)		LAND USE	REV.	DATE	BY	DESCRIPTION
PIPE MATERIAL	SHEET TOTAL	TOTAL				
			1	11/5/21	TWA	REVISIONS TO ADDRESS WVDEP COMMENTS DATED 11/4/21
SLOPE CATEGORIES						
A ->	0 TO 5%					
B ->	5% TO 15%					
C ->	15% TO 25%					
D ->	25% TO 35%					
E ->	35% TO 45%					
F ->	45% TO 100%					
WATERBAR SPACING						
	0 TO 5%	250 FT.				
	5% TO 15%	150 FT.				
	15% TO 30%	100 FT.				
	> 30%	50 FT.				



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WDTN TANK BATTERY PAD
MONONGALIA COUNTY, WEST VIRGINIA

PROJECT NO. 307-072
DATE: SEPTEMBER 2021
DRAWN BY: LAG
CHECKED BY: TWA
APPROVED BY: JDR
SCALE: AS SHOWN

CNX

SITE PLAN

SHEET 19 OF 51

C314