

Reverse for Instruction

m 03.0

SENDER: COMPLETE THIS SECTION *	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	A. Signature  Agent  Addressee  B. Received by Printed Name)  C. Date of Delivery  2 - 10 - 15  D. Is delivery address different from item 1?  If YES, enter delivery address below:
Debra L Stout	-
8 Old Rosemar Road Parkersburg, WV 26105	3. Service Type  □ Certified Mail □ Express Mail □ Registered □ Return Receipt for Merchandise □ Insured Mail □ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 01	50 0001 7356 8433
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

MATTER IT



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• Sender: Please print your name, address, and ZIP+4 in this box •

- լիրկիկիսիվիլՍկվՍիսՍկՍՍՍկիկիկիկիկիկիկիկիկիկի DoddridgeCOunty FPM 118 East Street STE 102
  - reet STE 102
  - West Union, WV 26456-1262

, web."		
SENDER: COMPLETE THIS SECTION	ON	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also of item 4 if Restricted Delivery is des</li> <li>Print your name and address on the so that we can return the card to y</li> <li>Attach this card to the back of the or on the front if space permits.</li> </ul>	ired. ne reverse /ou.	A. Signature  Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery
Article Addressed to:	334	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No
<sup>¹</sup> William & Kelly Demastus 8	Maudenna	Smith vice Type
PO Box 491		Certified Mail®
Accoville, WV 25606		Registered
		stricted Delivery? (Extra Fee)
Article Number     (Transfer from service label)	7014 019	0 0001 7356 8136
PS Form 3811, July 2013	Domestic Re	eturn Receipt

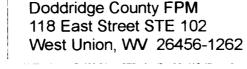




լ[լոլ[լմլ[ուիմ[լմՈլմ]իներոն]||ՄՈՍՈ[լմ]ոն[ոլմ||ՄՈւոլերդն]|իմո

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SENDER: COMPLETE THIS SECTION	<i>'</i>	COMPLETE THIS SECTION ON DELIVER	RY .
<ul> <li>Complete items 1, 2, and 3. Also comitem 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the restriction.</li> </ul>	l. everse	* Radny Wood	Agent Addressee
<ul> <li>so that we can return the card to you</li> <li>Attach this card to the back of the ma or on the front if space permits.</li> </ul>		B. Received by (Printed Name) C.	Date of Delivery
Article Addressed to:	334	D. Is delivery address different from item 17 If YES, enter delivery address below:	Yes No
en e	·		
Rodney Wasmer			
2220 Coral Thorn Road		3. Service Type	<del>- ,``````</del>
Baltimore, MD 21220		Certified Mail® Priority Mail Exp	oress™
Salainoro, WID 21220		☐ Registered ☐ Return Receipt ☐ Insured Mail ☐ Collect on Deliv	for Merchandise
		4. Restricted Delivery? (Extra Fee)	☐ Yes
Article Number     (Transfer from şervice label)	כם געם כ	L50 0001 7356 8181	
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United States Postal Service
MD 212
11 FEB '15



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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature 308 without first a Agent Addressed  B. Received by (Printed Name)  C. Date of Delivery  Collect J. Name  D. Is delivery address different from item 1? Yes	
1. Article Addressed to: 334	D. Is delivery address different from item 1? LI Yes If YES, enter delivery address below:	
<u> </u>		
Rachal Mercado L 129 Englands Road West Union, WV 26456	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery	
	4. Restricted Delivery? (Extra Fee) ☐ Yes	
2. Article Number 7014 0151 (Transfer from service label)	0 0001 7356 8334	
PS Form 3811, July 2013 Domestic Retu	urn Receipt	

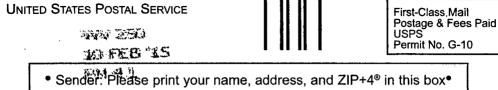


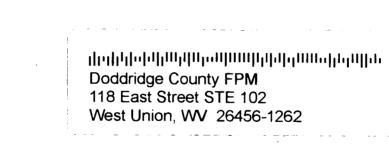
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 Sender: Please print your name, address, and ZIP+4® in this box <del>ֆիլի</del>կայկալուցաարդերդատոլիգայեւ **Doddridge**COunty FPM 218 East Street STE 102 ₩/est Dejon, WV 26456-1262

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complet item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the rever so that we can return the card to you.</li> <li>Attach this card to the back of the mailpie or on the front if space permits.</li> </ul>	B. Received by (Printed Name) C. Date of Delivery
	If YES, enter delivery address below: No
William Randall & Dixie Janet Crai	alg (surv) Lynch
HC 69 Box 35	ertified Mail® ☐ Priority Mail Express™
West Union, WV 26456	ertified Mail® ☐ Priority Mall Express™ Registered ☐ Return Receipt for Merchandise nsured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 703	14 0150 0001 7356 8242
PS Form <b>3811</b> , July 2013 Do	omestic Return Receipt

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X. Agent  Addressee  B. Bereived by (Printed Name)  C. Date of Delivery
1. Article Addressed to: 334	D. Is delivery address different from item 1?
Clifton E Phillips	
HC 69 Box 17 West Union, WV 26456	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7014 015	0 0001 7356 8204
PS Form 3811, July 2013 Domestic Retu	urn Receipt



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լիդիկոիվիկկրդիկուկիկիկորդանուկին Doddridge County FPM 118 East Street STE 102 West Union, WV 26456-1262

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X
1. Article Addressed to:	D. Is delivery address different from item(1?
John W & Melissa A (surv) Holden	·
482 Jacobs Run Road Salem, WV 26426	3. Service Type  ☐ Certified Mail ☐ Registered ☐ Insured Mail ☐ C.O.D.
	4. Réstricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 0150	0001 7356 8358
PS Form 3811. February 2004 Domestic Ret	urn Receipt 102595-02-M-1540



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West Union, WV 26456-1262

or the same	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	A. Signature  Addressee  B. Received by *Printed Name*   C. Date of Delivery  D. Is delivery address different from item 1?   Yes  If YES, enter delivery address below:   No
John P & Linda L (surv) Strickling	
130 Englands Run Road West Union, WV 26456	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee) Yes
2. Article Number 7014 0150 (Transfer from service label)	0001 7356 8198
PS Form 3811, July 2013 Domestic Retu	urn Receipt



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Sender: Please print your name, address, and ZIP+4® in this box

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	A. Signature  Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery  C. Date of Delivery
Donna Leatherman 627 Morgans Run Road West Union, WV 26456	3. Service Type  □ Certified Mail® □ Priority Mail Express™ □ Registered □ Return Receipt for Merchandise □ Insured Mail □ Collect on Delivery  4. Restricted Delivery? (Extra Fee) □ Yes
2. Article Number (Transfer from service label) 7014 015	0 0001 7356 8211
PS Form 3811 July 2013 Domestic Retu	urn Receint



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Sender: Please print your name, address, and ZIP+4® in this box

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Doddridge County FPM 118 East Street STE 102 West Union, WV 26456-1262

SENDER: COMPLETE THIS SEC	SECULAR SERVICE STREET	A. Signature	CTION ON DELIV	(ERY
<ul> <li>Complete items 1, 2, and 3. Also item 4 if Restricted Delivery is de</li> <li>Print your name and address on</li> </ul>	esired. the reverse	x Joel	Ente (	☐ Agent Addressee
<ul> <li>so that we can return the card to</li> <li>Attach this card to the back of the or on the front if space permits.</li> </ul>	·	B. Received by (Prin	ted Name)	C. Date of Delivery
Article Addressed to:	334	D. Is delivery address If YES, enter delive		
2 O'Blingwick IV -				
Joel w & Bonnie Ostr	off			
2912 Joyce Road		3. Service Type  Certified Mail	C Everen Mail	
Roslyn, PA 19001		☐ Registered ☐ Insured Mail	☐ Express Mail ☐ Return Recei ☐ C.O.D.	pt for Merchandise
		4. Restricted Delivery	r? (Extra Fee)	☐ Yes
Article Number     (Transfer from service label)	7014 0150	0001 735h	8365	
PS Form 3811. February 2004	Domestic Reti	urn Receipt		102595-02-M-1540



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West Union, WV 26456-1262

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1. Article Addressed to: 334  James Carlise	D. Is delivery address different from item 1? ☐ Yes  If YES, enter delivery address below: ☐ No
151 Kelley James Ln West Union, WV 26456	3. Service Type  ☑ Certified Mall® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery  4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 015	<u>1 </u>
PS Form 3811, July 2013 Domestic Retu	urn Receipt

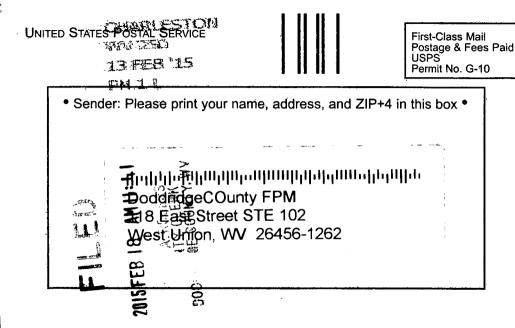


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Fern A Shepherd	If YES, enter delivery address below: ☐ No
5188 Long Run Road Pennsboro, WV 26346	3. Service Type  ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 01.	50 0001 7356 8396
PS Form 3811, February 2004 Domestic Re	turn Receipt 102595-02-M-1540



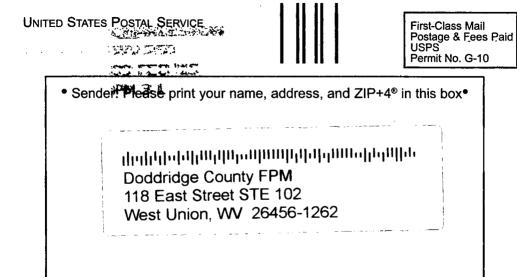
SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		A. Signature	☐ Agent ☐ Addressee
		B. Received by (Printed Name) Mike Cordell	C. Date of Delivery 2/12/15
Article Addressed to:	334	D. Is delivery address different from iter     If YES, enter delivery address belove.	
Ronald M & Jamie M F	lass		
1 First American Way Westlake, TX 76262		3. Service Type  Certified Mail® Priority Mail Registered Return Rec	eipt for Merchandise
		4. Restricted Delivery? (Extra Fee)	☐ Yes
Article Number     (Transfer from service label)	7014 019	50 0001 7356 8174	
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West Union, WV 26456-1262

Prija Orania	Control of the contro	
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature    Agent   Addressee     B. Received by (Printed Name)   C. Date of Delivery     Agent   Addressee     Agent   Addressee     Agent   Addressee   Addressee     Agent   Addressee   Addressee     Agent   Addressee   Addressee     Agent   Addressee   Addressee   Addressee     Agent   Addressee   Addressee     Agent   Addressee   Addressee   Addressee     Agent   Addressee   Addressee   Addressee     Agent   Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee     Addressee   Addressee   Addressee     Addressee   Addressee     Addr	
1. Article Addressed to: 334	D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
Lyndell Swisher Leeson		
76 Bear Fork Road New Milton, WV 26411	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery	
· · · · · · · · · · · · · · · · · · ·	4. Restricted Delivery? (Extra Fee) ☐ Yes	
2. Article Number (Transfer from service label) 7014 01	50 0001 7356 8167	
PS Form 3811, July 2013 Domestic Return Receipt		



	(A)
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> <li>334</li> <li>Eugene &amp; Vance II Chipps</li> </ul>	A. Signature  X. Eugene U Chapps Agent Addressee  B. Received by (Printed Name)  C. Date of Delivery  Eugene U Chippe 2-13-75  D. Is delivery address different from item 1?  If YES, enter delivery address below:  No  354  Tymal Chiek
RR 4 Box 3006 Clarksburg, WV 26301	3. Service Type  □ Certified Mail® □ Priority Mail Express™ □ Registered □ Return Receipt for Merchandise □ Insured Mail □ Collect on Delivery  4. Restricted Delivery? (Extra Fee) □ Yes
2. Article Number (Transfer from service label) 7014 0150	0001 7356 8327
RS Form 3811, July 2013 Domestic Retu	ırn Receipt



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INFER IS • Sender: Please print your name, address, and ZIP+49in this box• յիրդիկիսինինիՈւիՈւթունիՈւՈւիլերի հերև Doddridge County FPM 118 East Street STE 102 West Union, WV 26456-1262

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1. Article Addressed to: 334/ Michael L Looney	D. Is delivery address different from item 1? ☐ Yes  If YES, enter delivery address below: ☐ No
88 Little Creek Run Road West Union, WV 26456	3. Service Type  ☐ Certified Mail® ☐ Priority Mall Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7 1 1 4 1 1 5 1	0001 7356 8259
PS Form 3811, July 2013 Domestic Retu	urn Receipt



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■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. ■ Print your name and address on the reverse so that we can return the card to you. ■ Attach this card to the back of the mailpiece, or on the front if space permits.  1. Article Addressed to:  Ralph M & Rita E (surv) Hiley	A. Signature  X
93 Pineview Dr Parkersburg, WV 26101	3. Service Type  Certified Mail
2. Article Number (Transfer from service label) 7014 015	50 0001 7356 8471
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540



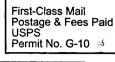
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James A & Angela J (surv) Bland HC 68 Box 19 West Union, WV 26456	3. Service Type  Gertified Mail® Priority Mail Express® Régistered Receipt for Merchandise Insured Mail Collect on Delivery  4. Restricted Delivery? (Extra Fee)
2. Article Number (Transfer from service label) 7014 01	50 0001 7356 8273
PS Form 3811, July 2013 Domestic Retu	urn Receipt





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լիրիկիսիվիականինակիրիկինի և Doddridge County FPM 118 East Street STE 102 West Union, WV 26456-1262

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Mary F Secrist 405 Church Street West Union, WV 26456	3. Service Type  ☐ Certified Mail® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery  4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 0151	2 COOL 7356 9751
PS Form 3811, July 2013 Domestic Retu	ırn Receipt



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Sender: Please print your name, address, and ZIP+4® in this box

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SENDER: COMPLETE THIS SECTION  Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature  X	
1. Article Addressed to:  334  John Paul Strikling ETAL		
HC 69 Box 34 West Union, WV 26456	3. Service Type  Description Mail	
	4. Restricted Delivery? (Extra Fee) Yes	
2. Article Number 7014 015 (Transfer from service label)	0001 332P 9355	
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540	



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Article Addressed to:  Edward & Margaret Demastu	334 us, Betty Bro	D. Is delivery address different from item 1?
2082 Sam Calvin Road West Union, WV 26456		Service Type  Described Mail
Article Number     (Transfer from service label)	7014 01	50 0001 7356 8464
PS Form 3811, February 2004	Domestic Re	turn Receipt 102595-02-M-1540



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Article Addressed to:  Carol & Alfrieda Painter	34	D. Is delivery address different from Item 1? Fres If YES, enter delivery address below: No 5379 WV RH 18 N West Union W 20054
HCR 69 Box 35G West Union, WV 26456		3. Service-Type  ☐ Certified Mail® ☐ Rrigrity Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
		4. Restricted Delivery? (Extra Fee) ☐ Yes
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Sender: Please print your name, address, and ZIP+4® in this box

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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1414 Washington Gardens Cir Washington, WV 26181	3. Service Type  Certified Mail
<u> </u>	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 01	50 0001 7356 8488
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

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PO Box 351 Salem, WV 26426		3. Service Type Certified Mail Registered Insured Mail	☐ Express Mail ☐ Return Receipt ☐ C.O.D.	
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PS Form 3811, February 2004	Domestic Retu	urn Receipt		102595-02-M-1540



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West Union, WV 26456-1262

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Karen Irene Sue McKinn	ey (		
Rt 1 Box 346		3. Service Type	
Salem, WV 26426		Certified Mail	
Janom, 111 20-120		☐ Registered ☐ Return Receipt ☐ Insured Mail ☐ C.O.D.	t for Merchandise
		4. Restricted Delivery? (Extra Fee)	☐ Yes
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PS Form 3811, February 2004	Domestic Ref	turn Receipt	102595-02-M-1540



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West Union, WV 26456-1262

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Raymmond D Hiley Jr Et Al 93 Pineview Dr Parkersburg, WV 26101	3. Service Type  ☐ Certified Mall® ☐ Priority Mall Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee)
2. Article Number 7014 0:	150 0001 7356 8143
PS Form 3811, July 2013 Domestic Re	turn Receipt



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1. Article Addressed to:	D. Is delivery address different from item 1?
Hall Drilling LLC	
PO Box 249 Ellenboro, WV 26346	3. Service Type  ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
	4. Réstricted Delivery? (Extra Fee) ☐ Yes
2. Article Number 7014 0150 (Transfer from service label)	0001 7356 8419
PS Form 3811, February 2004 Domestic Ret	urn Receipt 102595-02-M-1540



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• Sender: Please print your name, address, and ZIP+4 in this box •

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1. Article Addressed to: 334  D&M Powell, LLC	D. Is delivery address different from item 1?
304 Stuart Street West Union, WV 26456	3. Service Type  Certified Mail® Priority Mail Express™ Registered Return Receipt for Merchandise Insured Mail Collect on Delivery  4. Restricted Delivery? (Extra Fee) Yes
2. Article Number (Transfer from service label) 7014	0150 0001 7356 8280
PS Form 3811, July 2013 Domes	estic Return Receipt



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• Sender: Please print your name, address, and ZIP+4® in this box•

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West Union, WV 26456			Gertified Register Insured	Mail ☐ ed ☐	Express Ma Return Rece C.O.D.	il eipt for Merchand	ise
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First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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1. Article Addressed to: 334	D. Is delivery address different from item 1? ☐ Yes  If YES, enter delivery address below: ☐ No
Eli W & Jeffrey A Hayhurst	
1207 Fawn View Dr Fairmont, WV 26554	3. Service Type  ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 0150	0001 7356 8495
PS Form 3811, February 2004 Domestic Retu	urn Receipt 102595-02-M-1540

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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5534 WV Rt 18N	3. Service Type ☐ Certified Mall® ☐ Priority Mail Express™
West Union, WV 26456	☐ Certified Mall® ☐ Priority Mail Express™ ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mall ☐ Collect on Delivery
	4. Restricted Delivery? (Extra Fee) ☐ Yes
2. Article Number (Transfer from service label) 7014 0150	0001 7356 8228
PS Form 3811, July 2013 Domestic Retu	rn Receipt



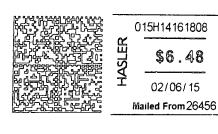
• Sender: Please print your name, address, and ZIP+4® in this box•

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DoddridgeCounty FPM 118 East Street STE 102 West Union, WV 26456-1262







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Delbert E Leatherman Et Al 652 Deerfield Drive Bridgeport, WV 26330

X 250 NFE 1700A1310002/06/15 TIME EXP RTN TO SEND 009 DOGWOOD RD BRIDGEPORT WV 26330-9396

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Doddridge County FPM 118 East Court Street, Suite 102 West Union, WV 26456

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You are receiving this letter because you have been identified as a land surface and/or mineral rights owner for property or adjacent property related to the proposed development project identified by the following page.

No action is required of you. This letter is simply to inform you of the proposed development.

If you would like to comment on this proposed project, or would like additional information, you may contact the Doddridge County Floodplain Manager at the above address.

Respectfully yours,

Edwin L. Wriston

Doddridge County Floodplain Manager

304.873.2631

doddridgecountyfpm@gmail.com

## Legal Advertisement:

## **Doddridge County**

## Floodplain Permit Application

Please take notice that on the 20<sup>th</sup> day of January, 2015

## **Antero Resources**

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

**West Union & Grant Districts** 

39.327046N/80.842147W to 39.275236N/80.689514W

Permit #15-334 West End Connector Pipeline Project

The Application is on file with the Clerk of the County Court and may be inspected and or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by February 23, 2015, delivered to:

Clerk of the County Court

118 E. Court Street, West Union, WV 26456

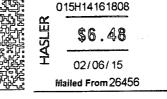
Beth A Rogers, Doddridge County Clerk

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

DoddridgeCounty FPM 118 East Street STE 102 West Union, WV 26456-1262









Shepherd Holding Co. & Michael Shepherd RT 1 Box 721

> Greenwood, WV 0C 1700 2203/18/15 NIXIE UNABLE TO FORWARD 26456126227 \*1971-08378-06-44

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~ <b>)</b>	<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse</li> </ul>	A. Signature	☐ Agent ☐ Addressee
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· · · · · · · · · · · · · · · · · · ·	Shepherd Holding Co. & Michael Shep		
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Doddridge County FPM 118 East Court Street, Suite 102 West Union, WV 26456

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#### **Doddridge County**

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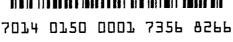
118 E. Court Street, West Union, WV 26456

Beth A Rogers, Doddridge County Clerk

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

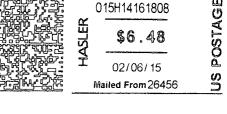
Doddridge County FPM 118 East Street STE 102 West Union, WV 26456-1262





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WW Railroad Maintenance Authority PO Box 470

> 0003/07/15 BC: 26456126299

Complete items 1, 2, and 3. A	leo complete	A. Signature	
item 4 if Restricted Delivery is	desired.	X	☐ Agent
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Doddridge County FPM 118 East Court Street, Suite 102 West Union, WV 26456

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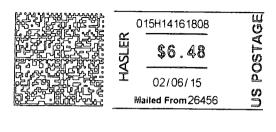
118 E. Court Street, West Union, WV 26456

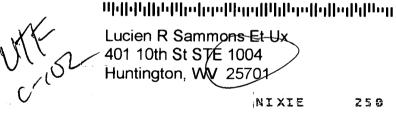
Beth A Rogers, Doddridge County Clerk

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

#### DoddridgeCounty FPM 118 East Street STE 102 West Union, WV 26456-1262







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NO SUCH STREET
UNABLE TO FORWARD

BC: 26456126299 \*1971-08376-06-44

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Lucien R Sammons	334	D. Is delivery address different from iter If YES, enter delivery address belo	
401 10th St STE 10 Huntington, WV 25	04	☐ Insured Mail ☐ C.O.D.	uil eipt för Merchandise
		4. Restricted Delivery? (Extra Fee)	☐ Yes
. Article Number	7014 019	50 0001 7356 8341	
(Transfer from service label)		<del></del>	

- The same of the



Doddridge County FPM 118 East Court Street, Suite 102 West Union, WV 26456

Dear Sir or Ma'am,

You are receiving this letter because you have been identified as a land surface and/or mineral rights owner for property or adjacent property related to the proposed development project identified by the following page.

No action is required of you. This letter is simply to inform you of the proposed development.

If you would like to comment on this proposed project, or would like additional information, you may contact the Doddridge County Floodplain Manager at the above address.

Respectfully yours,

Edwin L. Wriston

Doddridge County Floodplain Manager

304.873.2631

doddridgecountyfpm@gmail.com

#### **Legal Advertisement:**

#### **Doddridge County**

#### Floodplain Permit Application

Please take notice that on the 20<sup>th</sup> day of January, 2015

#### **Antero Resources**

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

**West Union & Grant Districts** 

39.327046N/80.842147W to 39.275236N/80.689514W

Permit #15-334 West End Connector Pipeline Project

The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by **February 23, 2015,** delivered to:

**Clerk of the County Court** 

118 E. Court Street, West Union, WV 26456

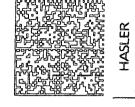
Beth A Rogers, Doddridge County Clerk

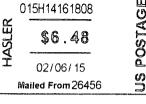
Edwin L. "Bo" Wriston. Doddridge County Flood Plain Manager

#### **Doddridge County FPM** 118 East Street STE 102 West Union. WV 26456-1262



7014 0150 0001 7356 8150





99/22/13/15



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Greenwood, WV 26415

NIXIE

\*1971-08390-06-44 

<ul> <li>Complete items 1, 2, and 3. / item 4 if Restricted Delivery is</li> <li>Print your name and address</li> </ul>	s desired. on the reverse	A. Signature	☐ Agent ☐ Addressee
so that we can return the can  Attach this card to the back or or on the front if space permi	of the mailpiece,	B. Received by (Printed Name)	C. Date of Delivery
Article Addressed to:	334	D. Is delivery address different from it If YES, enter delivery address bel	<b>—</b>
The state of the s	- '1		
Melissa A Shepher RT 1 Box 723 Greenwood, WV 2		☐ Insured Mail ☐ Collect on	ceipt for Merchandise Delivery
RT 1 Box 723 Greenwood, WV 2		☐ Certified Mail® ☐ Priority Mail® ☐ Registered ☐ Return Re☐ Insured Mail ☐ Collect on  4. Restricted Delivery? (Extra Fee)	ceipt for Merchandise
RT 1 Box 723	26415	☐ Certified Mail® ☐ Priority Mail® ☐ Registered ☐ Return Re☐ Insured Mail ☐ Collect on	ceipt for Merchandise Delivery

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. . . . . .



Doddridge County FPM 118 East Court Street, Suite 102 West Union, WV 26456

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Clerk of the County Court

118 E. Court Street, West Union, WV 26456

Beth A Rogers, Doddridge County Clerk

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



### Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to ANTERO MIDSTREAM, LLC, and is for the approved commercial and/or industrial development project associated with this permit that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit #: 15-334

**Date Approved: 07/08/2015** 

**Expires: 07/08/16** 

Issued to: ANTERO MIDSTREAM, LLC, POC: THRASHER - DON DRENNEN

304-326-6366

**Company Address: 1615 WYNKOOP STREET** 

**DENVER, COLORADO 80202** 

Project Address: STARTS AT TAMELA COMPRESSOR/ENDING AT SHERWOOD CENTRAL

PROCESSING FACILITY

Firm: PANELS: 105,110,120, AND 140

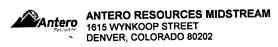
Lat/Long: N 39.327046/W80.842147

N39.275236/W80.689514

**Purpose of development: PIPELINE** 

Issued by: Doddridge County FPM (or designee)

Date: 07/08/2015



Vendor Name		Vendor No.	Date	Check Number	Check Total	
DODDRIDGE COUNTY COMMISSION			43312	Feb-24-2015	31548	\$7,291.32
VOUCHER	VENDOR INV #	INV DATE	TOTAL AMOUNT	PRIOR PMI & DISCOUN		NET AMOUNT
02-AP-1504		02/13/15	7,291.32	0.00	7,	291.32
WEST END C TOTAL INVOI					7,	291.32

#15-334

### Doddridge County, West Virginia

RECEIPT NO	: 45	540			DATE:	20	15/04/	20	
×-	FROM:	ANTERO RESO	URCES MI	DSTREAM	AMOUN	T: \$		7,291	.32
SEVEN TH	OUSAND	TWO HUNDRED	NINETY	ONE DOLL	ARS AND	32	CENTS	·	
	FOR:	FP BUILDING	PERMITS	5 15-334				٠	
0000003	1548	FP-BUILDING	PERMITS		0	20 - 3	18	TOTAL: \$	7,291.32
<u>M</u> I		HEADLEY FF &TREASURER					· <del></del>	MS ERK	

**Customer Copy** 

DETACH AND RETAIN FOR TAX PURPOSES

## THRASHER

Mr. Wristen Page 2 of 2 December 22, 2014

No above-ground structures are proposed to be installed within the floodplain and the proposed ROW will be returned to the original contour, slope, and grade at the time of completion; therefore, there will be no impact to the 100-year flood elevations. Please see attached documentation, as well as PE signature and stamp below.

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your convenience at (304) 326-6366 or <a href="mailto:ddrennen@thrashereng.com">ddrennen@thrashereng.com</a>.

Sincerely,

THE THRASHER GROUP, INC.

DON DRENNEN

**Environmental Scientist** 

Enclosures (8):

Floodplain Development Application USGS Topographic Map Aerial Imagery Map

WV Flood Tool Map

FIRM Map

Tax Map

Surface Owners Table

**Driving Directions** 

16375

16375

2 STATE OF THE ST



## 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 H	IEREIN AND IN
	ATTACHMENTS TO THIS APPLICATION ARE, TO THE I	
	KNOWLEDGE, TRUE AND ACCURATE.	SILTHEW SISTER
	APPLICANT'S SIGNATURE Water W	16375 Z
	DATE_ 12/22/14	VIAGINAL OF A STATE OF

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	
ADDRESS: 1615 Wynkoop Street, Denver Colorado 80202	
TELEPHONE NUMBER: (303) 357-7310	

BUILDER'S NAME: To be determined - request conditional approval
ADDRESS:
TELEPHONE NUMBER:
ENGINEER'S NAME: Matthew Fluharty, PE The Thrasher Group INC.
ADDRESS: 600 White Oaks Boulevard, PO Box 940, Bridgeport WV 26330
TELEHONE NUMBER: (800) 273-6541
PROJECT LOCATION:
NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)
ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT)
DISTRICT:
DATE/FROM WHOM PROPERTY
PURCHASED:
DEED BOOK REFERENCE:
TAX WAP REFERENCE:
EXISTING BOILDINGS/USES OF PROPERTY:
NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY
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

	ACI	IVIIY				STRUCT	<u>'UR</u>	AL TYPE
0 0 0 0 0	New Structor Addition Alteration Relocation Demolition Manufactur		bil Home		0 0 0 0 0	Resident Non-resi	ial (i dent d Us	1 – 4 Family) more than 4 Family) tial (floodproofing) se (res. & com.)
В.	OTHER DEV	/EOPLI	MENT ACTIV	/ITIES:				
0 0 0 0 0 0 0	Watercourse Drainage Im Road, Street Subdivision	e Altero provem t, or Brid (includia /ater or	Mining for STRUCTUR ation (includin lents (includin dge Constructi ng new expan Sewer System fy)	ng dredging g culvert ion sion)	ng and ch	r checked	abo	
C.	STANDARI	D SITE	PLAN OR SK	ETCH				
2.	SKETCH ON A THE LOT. SH INDICATING	<b>D SITE I</b> A SEPAF IOW TH BUILDII S OR LAI	PLANS HAVE NATE 8 ½ X 11 E LOCATION CONG SETBACKS, ND USES ON T	NOT BEEN INCH SHE OF THE IN' SIZE & HI	PREPAR ET OF PA TENDED EIGHT. II	ED: APER THE CONSTRU	SHA CTIC	PE AND LOCATION OF ON OR LAND USE TING BUILDINGS,
IRRE		WHE	THER ALL OF	R ANY P	ART OF	THE SUE	BJEC	VELOPMENT T PROPOSED 5.00

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

DDRESS:	ADDRESS:			
AME:	NAME:ADDRESS:			
	ADDRESS:			
LOCATED UPON ANY ADJACENT PRO APPLICATION IS FILED AND THE NAM	ONE ADULT RESIDING IN EACH RESIDENCE OPERTY AT THE TIME THE FLOODPLAIN PERMIT ME AND ADDRESS OF AT LEAST ONE ADULT OPERTY THAT MAY BE AFFECTED BY FLOODING AS			
IS DEMONSTRATED BY A FLOODPLAI				
NAME:				
ADDRESS:	ADDRESS:			
NAME:	:			
ADDRESS:	ADDRESS:			

#### E. CONFIRMATION FORM

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

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

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAM	E (PRINT): LUZ Slauter	`
SIGN	ATURE: Myslaud	DATE: 1 21 2015
After Admi	completing SECTION 2, APPLICANT should submit form to nistrator/Manager or his/her representative for review.	o Floodplain
	TION 3: FLOODPLAIN DETERMINATION (to be continued in instrator/Manager or his/her representative)	npleted by Floodplain
THE	PROPOSED DEVELOPMENT:	
THE P	PROPOSED DEVELOPMENT IS LOCATED ON:	
FIRM	Panel:	
Dated	d:	
[] reviev	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify a <sub>l</sub> w is complete and <b>NO FLOOPLAIN DEVELOPMENT PERMI</b>	pplicant that the application T IS REQUIRED).
[] .	Is located in Special Flood Hazard Area.	:
	FIRM zone designation	•
	100-Year flood elevation is:	NGVD (MSL)
D	Unavailable	
[]	The proposed development is located in a floodway.	
	FBFM Panel No	Dated
0	See section 4 for additional instructions.	

	SIGNED	DATE
	TION 4: ADDITIONAL INFORMATION RE	
	applicant must submit the documents checked	below before the application can be
ָם .	A plan showing the location of all existing st dimensions and proposed development.	ructures, water bodies, adjacent roads, lot
0	Development plans, drawn to scale, and spedetails for anchoring structures, storage tan (including basement or crawl space), types of first floor, details of flood proffing of utilitie enclosures below the first floor. Also	ks, proposed elevation of lowest floor, of water resistant materials used below the slocated below the first floor and details of
()	Subdivision or other development plans (If to lots or 5 acres, whichever is the lesser, the allevations if they are not otherwise available	pplicant must provide 100-year flood
[]	Plans showing the extent of watercourse rel	ocation and/or landform alterations.
0	Top of new fill elevation For floodproofing structures applicant must	Ft. NGVD (MSL). attach certification from registered

[]

[]

[]

[]

[]

engineer or architect.

Certification from a registered engineer that the proposed activity in a regulatory

data and calculations supporting this finding must also be submitted.

Federal Emergency Management Agency (FEMA).

Manufactured homes located in a floodplain area must have a West Virginia

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

Contractor's License and a Manufactured Home Installation License as required by the

Other:	Other:		
TION 5: PERI	MIT DETERMINATION (To be completed by Floodplain		
<u>Administra</u>	ator/Manager or his/her representative)		
provisions of County on M	mined that the proposed activity (type is or is not) in conformance with f the Floodplain Ordinance adopted by the County Commission of Doddridge (ay 21, 2013. The permit is issued subject to the conditions attached to and f this permit.		
SIGNED	DATE		
with the pro	lain Administrator/Manager found that the above was not in conformance visions of the Doddridge County Floodplain Ordinance and/or denied that the applicant may complete an appealing process below.		
APPEALS:	Appealed to the County Commission of Doddridge County? [] Yes {} No Hearing Date:		
	County Commission Decision - Approved [] Yes [] No		
CONDITIONS	·		

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

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

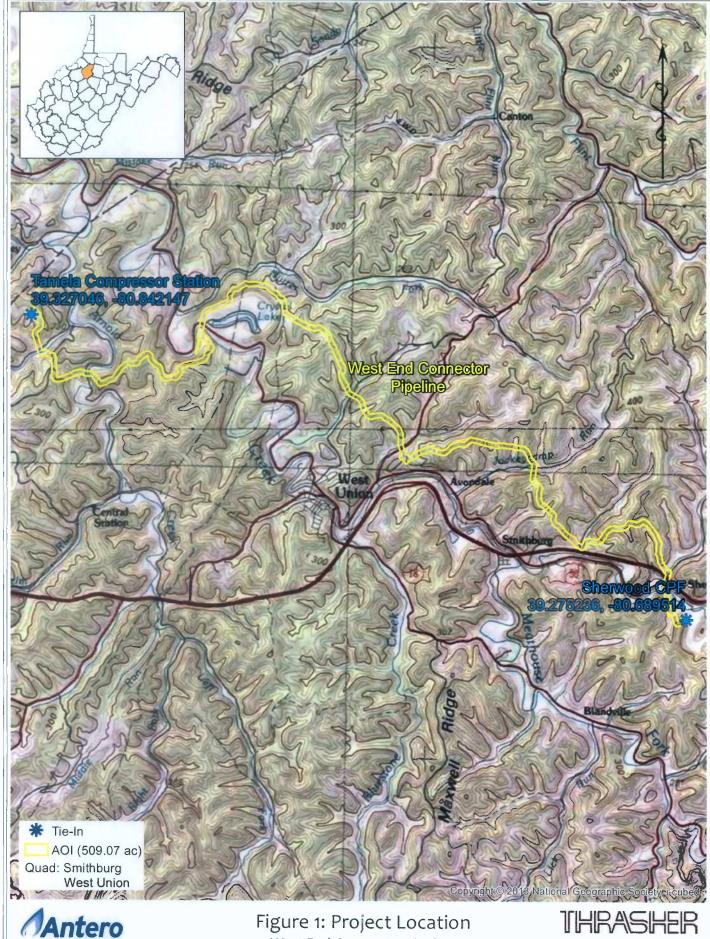
### COMPLETE 1 OR 2 BELOW:

Actual (As-Built) Elevation of the top of the lowest floor (including basement or crawl space isFT. NGVD (MSL)
2 Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note: Any work performed prior to submittal of the above information is at risk of the applicant.
SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain
Administrator/Manager or his/her representative).
The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridg County Floodplain Ordinance.
INSPECTIONS:
DATE:BY: DEFICIENCIES ? Y/N
COMMENTS
SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain
Administrator/Manager or his/her representative).
Certificate of Compliance issued: DATE:

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

	PERMIT NUMBER: PERMIT DATE:	
PURP		
CONSTRUCTION LOCATION	ON:	
OWNER'S ADDRESS:		
		_
THE FOLLOWING MUST B	E COMPLETED BY THE FLOODPLAIN	
ADMINISTRATOR/MANA	GER OR HIS/HER AGENT.	
COMPLIANCE IS HE	REBY CERTIFIED WITH THE REQUIREMENT OF THE	
FLOODPLAIN ORDINANCE	ADOPTED BY THE COUNTY COMMISSION OF	
DODDRIDGE COUNTY ON	MAY 21, 2013.	
SIGNED	DATE	

USGS Topographic Map

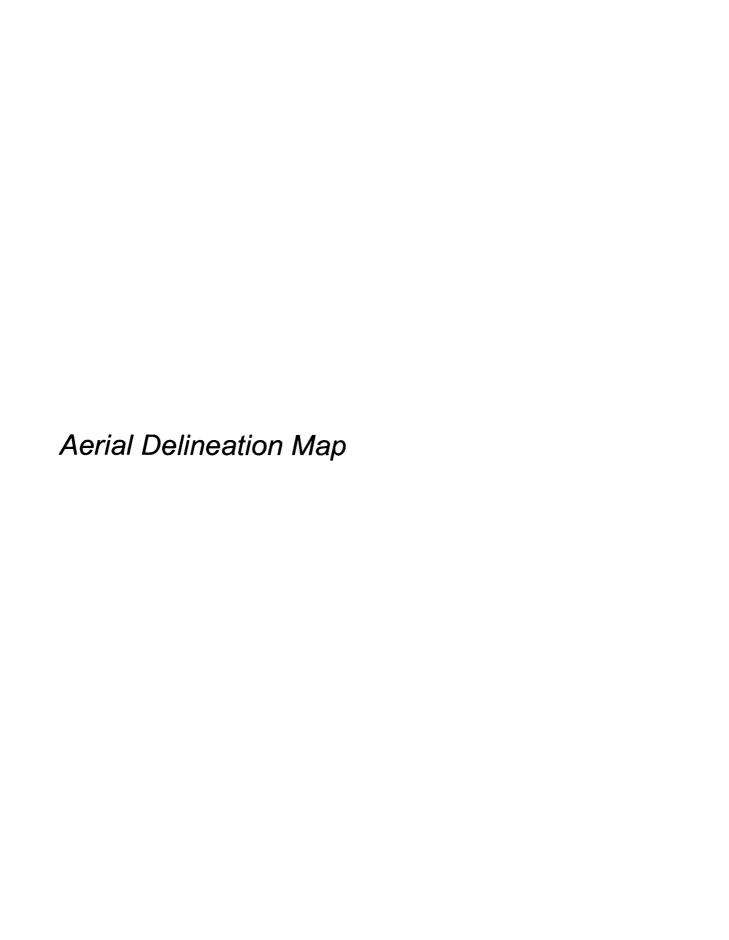


Midstream Partners LP 1 inch = 6,000 feet

West End Connector Pipeline

Doddridge County - West Virginia

12/15/2014



#15-334

## THRASHER

December 22, 2014

Mr. Bo Wristen Doddridge County Commission 118 East Court Street West Union, WV 26456

RE: Doddridge County Floodplain Development Permit

Antero Midstream LLC
West End Connector Project
Doddridge County, West Virginia
Thrasher Project #101-015-0265 AFE #14KARLXPRS

Mr. Wristen:

On behalf of Antero Midstream LLC (Antero), The Thrasher Group, Inc. (Thrasher), is submitting to your office, for review and approval, a proposed pipeline project in the USGS West Union and Smithburg 7.5 minute quadrangles of Doddridge County, WV.

The proposed West End Connector Pipeline Project will consist of one (1) buried twenty-four (24) inch steel natural gas pipeline, located within a three (3) by five (5) foot trench installed within a 90-foot wide construction right-of-way (ROW). The proposed pipeline project originates at the Tamela Compressor Site, located at approximate coordinates 39.327046°N and 80.842147°W. From there, it extends approximately 73,027 LF to the Sherwood Central Processing Facility, located at approximate coordinates 39.275236°N and 80.689514°W.

In addition, the proposed project will utilize nineteen (19) existing access roads during the installation of the pipeline. Minor upgrades (surface grading and depositing stone) will occur due to the utilization of the existing access roads and proposed access road.

The West End Connector Pipeline Project LOD, including the pipeline ROW and associated workspaces, encompasses approximately 160.4 acres. The USGS topographical map and aerial imagery map, contained herein, depict the limits of disturbance associated with the proposed construction.

The proposed West End Connector Pipeline project has an approximate total of 3,220 linear feet of existing access road and 3,000 linear feet of pipeline (of which, 1,885 linear feet will be bored) in multiple locations within the floodplain. Please see attached WV Flood Tool Map and FEMA issued FIRM Map (Doddridge County Panels 105, 110, 120, and 140) with the pipeline overlaid.

## THRASHER

Mr. Wristen Page 2 of 2 December 22, 2014

No above-ground structures are proposed to be installed within the floodplain and the proposed ROW will be returned to the original contour, slope, and grade at the time of completion; therefore, there will be no impact to the 100-year flood elevations. Please see attached documentation, as well as PE signature and stamp below.

If any further documentation is required for this project, or if any questions may arise please feel free to contact me at your convenience at (304) 326-6366 or ddrennen@thrashereng.com.

Sincerely,

THE THRASHER GROUP, INC.

DON DRENNEN Environmental Scientist

Enclosures (8):
Floodplain Development Application
USGS Topographic Map
Aerial Imagery Map
WV Flood Tool Map
FIRM Map
Tax Map
Surface Owners Table
Driving Directions



#### west virginia department of environmental protection

Division of Water and Waste Management 601 57th Street SE Charleston, West Virginia 25304-2345

Phone: 304-926-0495 Fax: 304-926-0496 Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

April 29, 2015

LUZ SLAUTER, ENV. SUPVR ANTERO MIDSTREAM LLC 1615 WYNKOOP ST DENVER, CO 80202

> Re: General Permit Registration No. WVR310451 West End Connector Pipeline, Doddridge County, Disturbed Acres (192.36)

#### Dear Permittee:

Attached is a copy of your completed registration form for your activity with the above assigned registration number. You are now authorized to operate under General Permit No. WV0116815. This registration form should be kept with your copy of the General Permit. You should carefully read the contents of the permit and become familiar with all requirements needed to remain in compliance with the permit.

Although you should be aware of all the terms and conditions of this permit, we wish to advise you of the following important requirements:

- 1. In accordance with Section G.4 of the General Permit, you have developed a complete storm water pollution prevention plan. This plan is to be retained on site and be available for review by the Director or her authorized representative as of the date of your coverage by the General Permit, which is the date of this letter.
- 2. The erosion control measures approved by this agency for this project shall be maintained in proper condition to individually and collectively perform the functions for which they were designed. In order to insure the efficiency and proper maintenance of these measures, the permittee shall make sufficiently frequent, periodic inspections to detect any impairment of the designed stability, capacity or environmental requirements of the approved measures. The permittee shall take immediate steps to correct any such impairment found to exist.
- 3. If this SWPPP proves to be ineffective in controlling erosion and the sediment in storm water discharges associated with industrial/construction activities, or site conditions change, the Permittee shall amend the SWPPP and install appropriate sediment and/or control devices in accordance with Section G.4.c) of this permit and the application instructions.
- 4. The current General Permit expires on May 13, 2018. If you wish to continue an activity regulated by this permit after the expiration date of the permit, provisions for coverage will be made during the public notice process for any new General Permit to be issued at that time.

5. Final stabilization means disturbed areas shall be covered by the appropriate permanent protection. Final stabilization includes; pavement, buildings, stable waterways (riprap, concrete, grass or pipe), a healthy, vigorous stand of perennial grass that uniformly covers at least 70 percent of the ground, stable outlet channels with velocity dissipation which directs site runoff to a natural watercourse, and any other approved structure or material.

Your annual permit fee has been assessed as \$1,500.00. You will be invoiced by this agency one month prior to the anniversary date of your original approval date. Failure to submit the annual fee within ninety (90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect. Please be advised that a pro-rated annual permit fee may be assessed upon the completion date and proper stabilization.

Issuance of this approval of the General Permit registration does not authorize any injury to persons or property or invasion of other private rights, or any infringement of federal, state or local law or rules.

The validity of this General Permit Registration is contingent upon payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.

Your efforts toward preventing the degradation of our natural resources are greatly appreciated. If you have any questions, please contact Joe Cochran of this Office at (304) 926-0499 extension 1069 or at Joseph.W.Cochran@wv.gov.

Scott G. Mandirola Director WV DEP-Division of Water & Waste Mgt. 601 57th St SE Charleston, WV 25304-2345 Phone: (304) 926-0495

Fax: (304) 926-0463



#### DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200 South Charleston WV 25303-1228 TDD (304) 558-1439 TDD 1-800-354-6087 Fax (304) 558-6048 Telephone (304) 558-3225

Robert A. Fala Director

Earl Ray Tomblin.

May 22, 2015

# Division of Natural Resources RIGHT OF ENTRY

Re: LS-

LS-14-VI/09-1764

Antero Midstream LLC c/o The Thrasher Group Inc. Attention: Don Drennen 600 White Oaks Blvd. Bridgeport, WV 26330-

Dear Sir or Madam:

The Division of Natural Resources hereby grants to you for a period of ten (10) years from the date hereof, a Right of Entry to install, use and maintain a matting and pallets crossing (West End Connector Pipeline Project) at seven (7) separate locations along an unnamed tributary of Arnold Creek, Piggin Run, unnamed tributaries of Piggin Run, Rock Run, Nutter Fork, and an unnamed tributary of Nutter Fork near West Union in Doddridge County, West Virginia.

This Right of Entry is subject to the following terms and conditions:

- 1. No in stream work during the fish-spawning season (April 1-June 30).
- Work should be completed as quickly as possible during low flows in designated work areas only.
- Any streambed disturbance should be restricted to the immediate area. In stream use of equipment should be kept to a minimum.
- 4. All shore areas disturbed by this operation must be reshaped, seeded and mulched immediately upon completion of work. The prompt establishment of vegetative cover will reduce future damage from high water levels.
- 5. Green concrete must not be put in the stream (highly toxic to aquatic life).
- 6. Guidance should be obtained from NRCS (formerly SCS) and a registered engineer for the design and construction. Must allow for passage of at least ten-year year flood flow.
- 7. Best management practices should be followed; measures such as hay bales must be used to reduce downstream siltation.

Antero Midstream LLC LS-13-VI/09-1764 Page 2 May 22, 2015

- 8. Applicant is responsible for removing debris from in and around the installation periodically to prevent stream flow obstruction.
- Durable head walls of logs, crossties, rock, or concrete shall be constructed at both the upstream and downstream ends of crossing to prevent erosion of fill material into the stream.
- 10. The State's issuance of this Right-of-Entry does not provide for the applicant to work outside the requested boundaries nor does the State assume any liability for the applicant's/landowner's construction activities. By accepting this Right-of-Entry, the applicant/landowner assumes liability for any/all damages caused by this activity to both upstream and downstream landowners.

Guidelines of Best Management Practices for Sediment and Erosion Control as outlined by the Section of Water Resources, Division of Environmental Protection must be followed. Copies of those quidelines are available from the Section of Water Resources, Telephone No. (304) 926-0440.

The issuance of this Right of Entry by the Division of Natural Resources does not preclude the necessity for you to obtain a permit from the U.S. Corps of Engineers District Office, Permit Section, or any other state or federal permits which may be required by law, nor does this Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your payment is now due and payable in the amount of \$700.00 to the Division of Natural Resources covering the first year's annual fee of this agreement. Your agreement will be effective upon receipt of your payment in full. You must notify this office in writing when this installation has been removed.

Sincerely,

Joe T/Scarberry, Supervisor Office of Land and Streams

JTS:cb

pc: DNR Fish Biologist

Jeremy Bandy, Environmental Enforcement

**DNR Conservation Officers** 



#### DIVISION OF NATURAL RESOURCES

324 Fourth Avenue, Room 200 South Charleston WV 25303-1228 TDD (304) 558-1439 TDD 1-800-354-6087 Fax (304) 558-6048 Telephone (304) 558-3225

. . .

Robert A. Fala Director

May 20, 2015

#### Division of Natural Resources LICENSE AND RIGHT OF ENTRY

Re: P-14-VI/09-1765

Antero Midstream LLC c/o The Thrasher Group Inc. Attention: Don Drennen 600 White Oaks Blvd. Bridgeport, WV 26330-

Dear Sir or Madam:

Earl Ray Tomblin

Governor

The Division of Natural Resources hereby grants to you for a term of ten (10) years, from the date hereof, a License and Right of Entry to construct, replace, cover, repair, operate, maintain, use and remove a twenty-four inch (24") steel natural gas pipeline (West End Connector Pipeline Project) at thirty-six (36) separate locations along Long Run, unnamed tributaries of Long Run, Arnold Creek, unnamed tributaries of Arnold Creek, Middle Island Creek, unnamed tributaries of Middle Island Creek, unnamed tributaries of Nutter Fork, Piggin Run, unnamed tributaries of Piggin Run, Rock Run, unnamed tributaries of Rock Run, Jockeycamp Run, unnamed tributaries of Jockeycamp Run, Englands Run, an unnamed tributary of Englands Run, Morgans Run, Buckeye Creek, and unnamed tributaries of Buckeye Creek, West Union District, Doddridge County, West Virginia, as shown located and highlighted in red on the map attached hereto as Exhibit A - BB.

This License and Right of Entry is subject to the following terms and conditions:

**High Quality Streams** (HQS) as listed in the West Virginia Division of Natural Resources High Quality Stream Sixth Edition published in 2001 and for any trout streams and direct tributaries of trout streams:

- Directional boring is the only method permitted during the fish spawning season.
   Fish spawning season for warmwater streams runs from April 1<sup>st</sup> through June 30<sup>th</sup>.
   Trout spawning season runs from October 1<sup>st</sup> through April 30<sup>th</sup>.
- Other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may be used outside of spawning seasons.
- Each crossing that utilizes dry ditch methods must be completed in 2 consecutive work days.

#### Non-high quality stream:

 Directional boring or other dry ditch methods (pump around, flume or cofferdam) as described in WVDEP water resources manual (published 2006) on page 3.21-4 may Antero Midstream LLC P-14-VI/09-1765 Page 2 May 20, 2015

be used at all times during fish spawning season from April 1<sup>st</sup> through June 30<sup>th</sup>. This eliminates the need for spawning season restrictions.

- Crossings using methods other than directional boring. Must be completed in 1 work day.
- Only ephemeral/intermittent streams that are dry can be trenched.

#### Bank Stabilization

All bank stabilization projects must begin immediately upon completion of utility line crossing and be completed within 24 hours of completion of utility line crossing.

#### Freshwater Mussels

Mussel surveys on streams with known US Fish and Wildlife listed or candidate endangered species will be required if directional boring is not an option. Contact Janet Clayton of the WVDNR Wildlife Diversity Program for information concerning mussels at 304-637-0245.

For further assistance, contact the appropriate WVDNR District Fisheries Biologist. District 1 304-825-6787 District 2 304-822-3551 District 3 304-924-6211 District 4 304-256-6947 District 5 304-675-0871 District 6 304-420-4550

The issuance of this License and Right of Entry by the Division of Natural Resources does not preclude the necessity to obtain a permit from the Corps of Engineers or any other state or federal permits which may be required by law, nor does this License and Right of Entry negate the need to comply with the West Virginia Water Pollution Control Act and/or the State Environmental Quality Board's administrative regulations, applicant is also responsible for determining if the proposed activity is located within an identified flood plain and it is the applicant's responsibility for contacting the local governmental agency in charge of that program and obtaining a flood plain development permit for it. This License and Right of Entry does not grant any rights or privileges, or permission to enter upon or to cross the property of any other person, nor is permission granted to remove any material that lies upon the property of any other persons. Work should be completed in as brief a period as possible and within one year from the date of this letter. In the event you fail or refuse to comply with any of the terms or conditions herein, this License and Right of Entry will be canceled and considered null and void and the Division will reject further applications.

Your check in the amount of \$11700.00 is now due and payable to the Division of Natural Resources covering the (10) ten-year fee of this agreement. Your agreement will be effective upon receipt of your payment in full.

Sincerely.

Joe T. Scarberry, Supervisor Office of Land and Streams

JTS:cb

attachment

pc: DNR Fish Biologist

Jeremy Bandy, Environmental Enforcement

**DNR Conservation Officers** 

15-265



Don Drennen

Robert Fala

Director

#### **DIVISION OF NATURAL RESOURCES**

Wildlife Resources Section
Operations Center
P.O. Box 67
Elkins, West Virginia 26241-3235
Telephone (304) 637-0245
Fax (304) 637-0250

Earl Ray Tomblin Governor

January 16, 2015

Mr. Brett Fletcher Antero Midstream, LLC 1615 Wynkoop Street Denver, CO 80202

RECEIVED

JAN 2 3 2015

Dear Mr. Fletcher:

We have reviewed our files for information on rare, threatened and endangered (RTE) species and sensitive habitats for the area of the proposed West End Connect Pipeline project (AFE 14KARLXPRS) in Doddridge County, WV (Thrasher Project #101-015-0265).

We have no known records of any RTE species or sensitive habitats within the project area. Freshwater mussel surveys will be required in Arnold Creek prior to any in-stream work. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

The information provided above is the product of a database search and retrieval. This information does not satisfy other consultation or permitting requirements for disturbances to the natural resources of the state, and further consultation may be required. Additionally, any concurrence requirements for federally listed species must come from the US Fish and Wildlife Service.

Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, or barbara.d.sargent@wv.gov. Enclosed please find an invoice.

Sincerely

Environmental Resources Specialist

Wildlife Diversity Unit

enclosure



#### DEPARTMENT OF THE ARMY

HUNTINGTON DISTRICT, CORPS OF ENGINEERS 502 EIGHTH STREET HUNTINGTON, WEST VIRGINIA 25701-2070

JUN 1 5 2015

Regulatory Division
Energy Resource Branch
LRH-2015-00466-OHR – Middle Island Creek
West End Connector Pipeline Project

# PRELIMINARY JURISDICTIONAL DETERMINATION AND NATIONWIDE PERMIT NO. 12 VERIFICATION

Mr. Brett Fletcher Antero Midstream, LLC 1615 Wynkoop Street Denver, Colorado 80202

Dear Mr. Fletcher:

I refer to the Pre-Construction Notification (PCN), received in this office on January 20, 2015, with additional information received on May 12, 2015, requesting a Department of the Army (DA) authorization to discharge dredged and/or fill material into waters of the United States (U.S.) in association with the West End Connector Pipeline Project. The utility line project would involve the installation of approximately 16.93 miles of 24-inch diameter natural gas pipeline connecting the Tamela Compressor Station (39.327042° N, 80.842215° W) to the Sherwood Central Processing Facility (39.275236° N, 80.689514° W). On-site waters flow into Middle Island Creek, a direct tributary of the Ohio River, a traditional navigable water of the U.S. The project is located approximately 4.3 miles northeast of West Union, Doddridge County, West Virginia. The PCN has been assigned the following file number: LRH-2015-00466-OHR. Please reference this number on all future correspondence related to this project.

The U.S. Army Corps of Engineers (Corps) authority to regulate waters of the U.S. is based on the definitions and limits of jurisdiction contained in 33 CFR 328 and 33 CFR 329. Section 404 of the Clean Water Act requires a DA permit be obtained prior to placing dredged or fill material into waters of the U.S., including wetlands. Section 10 of the Rivers and Harbors Act of 1899 requires a DA permit be obtained for any work in, on, over or under a navigable water.

#### **Preliminary Jurisdictional Determination**

Based on a review of the PCN received in this office on January 20, 2015, and the additional information received on May 12, 2015, one hundred and thirty-seven (137) streams, totaling 58,857.17 linear feet (lf), three (3) palustrine emergent wetlands and one (1) palustrine open water, totaling 0.47 acres (ac), are located within the preliminary jurisdictional determination (PJD) boundary, as described in the enclosed PJD Form. This office has determined these may be waters of the U.S. in accordance with the Regulatory Guidance Letter

(RGL) for Jurisdictional Determinations (JDs) issued by the Corps on June 26, 2008 (RGL No. 08-02). As indicated in the guidance, this PJD is non-binding and cannot be appealed (33 C.F.R. 331.2) and only provides a written indication that waters of the U.S., including wetlands, may be present on-site. You have declined to exercise the option to obtain an approved JD in this instance. However, for the purposes of the determination of impacts, compensatory mitigation, and other resource protection measures for activities that require authorization from this office, the aquatic resources identified above will be evaluated as if they are waters of the U.S.

Enclosed please find two copies of the PJD form. If you agree with the findings of this PJD and understand your options regarding the same, please sign and date one copy of the PJD form and return it to this office within 30 days of receipt of this letter. You should submit the signed copy via email to robert.w.barnett@usace.army.mil or to the following address:

U.S. Army Corps of Engineers
Huntington District, Regulatory Division
Attn: Wes Barnett (2015-00466),
502 8th Street
Huntington, West Virginia 25701

#### Nationwide Permit 12

The proposed project, as described in the submitted information, has been reviewed in accordance with Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. Based on your description of the proposed work, and other information available to us, it has been determined that this project will not involve activities subject to the requirements of Section 10. However, this project will include the discharge of dredged and/or fill material into waters of the U.S. subject to the requirements of Section 404.

According to the PCN materials you have submitted, and the additional information received in this office on January 20, 2015, the pipeline project will include the discharge of dredged and/or fill material into 112.33 lf of thirty-six (36) streams and 0.357 acres of two (2) wetlands, associated with thirty-five (35) single and complete crossings, for the construction of the West End Connector Pipeline Project. The project would also implement timbermat and pallet crossings in order to facilitate site access to avoid additional impacts. The proposed discharge of dredged and/or fill material into waters of the U.S. is described on Table 1 below. Upon installation of the pipeline, the temporarily affected waters of the U.S. would be restored to their pre-disturbance contours and elevations.

Based on your description of the proposed utility line activities project, and other information available to us, it has been determined the proposed discharge of dredged and/or fill material into waters of the U.S, as described on the enclosed Table 1, for the construction of the West End Connector Pipeline Project meets the criteria for authorization under Nationwide Permit (NWP) #12 (enclosed) under the February 21, 2012 Federal Register, Notice of Reissuance of NWPs (77 FR 10184) provided you comply with all terms and conditions of the enclosed material, including the enclosed special conditions. The West Virginia Department of

Environmental Protection has issued 401 Water Quality Certification for this NWP. A copy of this NWP can be found on our website at <a href="http://www.lrh.usace.army.mil/Missions/Regulatory.aspx">http://www.lrh.usace.army.mil/Missions/Regulatory.aspx</a>.

This verification is valid until the expiration date of the NWPs, unless the NWP authorization is modified, suspended, or revoked. The verification will remain valid if the NWP authorization is reissued without modification or the activity complies with any subsequent modification of the NWP authorization. All of the existing NWPs are scheduled to be modified, reissued, or revoked on March 18, 2017. Prior to this date, it is not necessary to contact this office for re-verification of your project unless the plans for the proposed activity are modified. Furthermore, if you commence or under contract to commence this activity before March 18, 2017, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP.

In view of the above, your project is authorized subject to the terms and conditions of the enclosed material. It is your responsibility to ensure your work conforms to all of the conditions listed within the enclosed material, including the attached special conditions. Please be aware this NWP verification does not obviate the requirement to obtain any state or local assent required by law for the activities.

Enclosed is a copy of the NWP to be kept at the project site during project activities. Upon completion of the work, the enclosed certification must be signed and returned to this office. If you have any questions concerning the above, please contact Wes Barnett of the Energy Resource Branch at (304) 399-5610 or by email at <u>robert.w.barnett@usace.army.mil</u>.

Sincerely,

Adam Fannin

Regulatory Project Manager Energy Resource Branch

#### Enclosures

Copy furnished (via e-mail w/o enclosures):

Ms. Wilma Reip
West Virginia Department of Environmental Protection
601 57th Street
Charleston, West Virginia 25304
wilma.reip@wv.gov

Patricia Kazimier Antero Midstream, LLC 1615 Wynkoop Street, Suite Denver, Colorado 80202

Table 1- Authorized discharge of dredged and/or fill material into waters of the U.S. associated with the Antero Midstream, LLC – West End Connector Pipeline Project LRH-2015-00466-OHR – Middle Island Creek

Crossing ID	Waterway ID	Flow Regime	Temporary Fill Length of Stream (lf)	Temporary Fill Area of Wetland (ac)	Regulated Discharge of Fill Material Activity
1	Stream 1	Perennial	3.63	N/A	Open-cut trench for pipeline crossing
2	Stream 12	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
3	Long Run	Perennial	3	N/A	Open-cut trench for pipeline crossing
4	Stream 15	Intermittent	3	N/A	Open-cut trench for pipeline crossing
5	Stream 16	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
6	Stream 17	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
7	Stream 18	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
8	Stream 22	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
9	Stream 24	Intermittent	3.46	N/A	Open-cut trench for pipeline crossing
10	Stream 25	Intermittent	3	N/A	Open-cut trench for pipeline crossing
11	Stream 28	Intermittent	3	N/A	Open-cut trench for pipeline crossing
12	Stream 30	Ephemeral	4.5	N/A	Open-cut trench for pipeline crossing
13	Stream 31	Ephemeral	3.77	N/A	Open-cut trench for pipeline crossing
14	Stream 34	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
15	Arnold Creek	Perennial	3	N/A	Open-cut trench for pipeline crossing
16	Stream 37	Ephemeral	3.55	N/A	Open-cut trench for pipeline crossing
17	Stream 38	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
18	Stream 49	Ephemeral	2.4	N/A	Open-cut trench for pipeline crossing
19	Stream 53	Ephemeral	3.85	N/A	Open-cut trench for pipeline crossing
20	Stream 58	Intermittent	3	N/A	Open-cut trench for pipeline crossing

	Stream 69	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
21	Wetland 2	PEM	N/A	0.023	Open-cut trench for pipeline crossing
	Piggin Run	Perennial	3	N/A	Open-cut trench for pipeline crossing
22	Stream 74	Intermittent	3	N/A	Open-cut trench for pipeline crossing
23	Stream 76	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
24	Stream 86	Intermittent	3	N/A	Open-cut trench for pipeline crossing
25	Stream 88	Ephemeral	3.17	N/A	Open-cut trench for pipeline crossing
26	Stream 90	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
27	Stream 95	Intermittent	3	N/A	Open-cut trench for pipeline crossing
28	Stream 97	Ephemeral	3	N/A	Open-cut trench for pipeline crossing
29	Stream 103	Perennial	3	N/A	Open-cut trench for pipeline crossing
30	Jockeycamp Run	Perennial	3	N/A	Open-cut trench for pipeline crossing
31	Stream 114	Intermittent	3	N/A	Open-cut trench for pipeline crossing
32	Englands Run	Perennial	3	N/A	Open-cut trench for pipeline crossing
33	Stream 120	Intermittent	3	N/A	Open-cut trench for pipeline crossing
34	Morgans Run	Perennial	3	N/A	Open-cut trench for pipeline crossing
34	Wetland 3	РЕМ	N/A	0.352	Open-cut trench for pipeline crossing
35	Stream 136	Intermittent	3	N/A	Open-cut trench for pipeline crossing
	Total (lf)		112.33	0.357	



# United States Department of the Interior



#### FISH AND WILDLIFE SERVICE

West Virginia Field Office 694 Beverly Pike Elkins. West Virginia 26241

March 3, 2015

Mr. Brett Fletcher Antero Midstream, LLC 1615 Wynkoop Street Denver, Colorado 80202

Re:

Antero Midstream, LLC, Smith Pipeline, Tamela Compressor Station, and West End

Connector Pipeline Projects, Doddridge County, West Virginia

Dear Mr. Fletcher:

This responds to your request of January 15, 2015, for information regarding the potential occurrence of federally listed endangered and threatened species and their designated critical habitats. Antero Midstream, LLC (Antero) proposes to develop 233.2 acres for the proposed Smith Pipeline, Tarnela Compressor Station, and West End Connector Pipeline projects in Doddridge County, West Virginia. The proposed West End Connector and Smith Pipeline projects include the construction of approximately 16.93 miles of pipeline. These pipelines would connect to the Tamela Compressor Station. These comments are provided pursuant to the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.).

The U.S. Fish and Wildlife Service (Service) has determined that four federally listed endangered species are known to occur within the proposed project area, and may be affected by the construction and operation of the proposed project. These are the Indiana bat (Myotis sodalis), clubshell mussel (Pleurobema clava), rayed bean mussel (Villosa fabilis), and snuffbox mussel (Epioblasma triquetra).

Additionally, on October 2, 2013, in the Federal Register (78 FR 61045 -61080) the Service proposed the northern long-eared bat (Myotis septentrionalis) for listing under the ESA. If a decision is made to list this species, potential impacts from this project to this species may need to be addressed if this project is not completed by April 2015. We encourage you to begin incorporating conservation measures to protect this species prior to any potential final listing decisions. Additional information regarding the northern long-eared bat and conference procedures can be found at the following address: http://www.fws.gov/midwest/endangered/mammals/nlba/pdf/NLEBinterimGuidance6Jan2014.pdf.

Mr. Fletcher March 3, 2015

Indiana Bat

The Service has received your revised Indiana Bat Conservation Plan dated February 27, 2015. This plan was developed because either: 1) \( \subseteq \) you have chosen to assume the federally endangered Indiana bat is present within your project area; **OR** 2) the Indiana bat is known to occur in the area as a result of \_\_\_\_ summer maternity surveys or \_\_\_\_ winter hibernacula/fall swarming surveys.

Habitat assessments were conducted within the proposed project area from October – December 2014.

The results of the habitat assessment for the proposed project are as follows:

- 1. An estimated 186.2 acres of forest would be cleared for the project, which leaves an estimated 4,386.8 acres or 83.8 percent of forested habitat within the ¼-mile buffer area after project clearing has been completed. The total number of acres in the buffer area is 5.234.
- 2. 285 potential Indiana bat roost trees were identified within the project area.
- 3. No portals or caves were observed within the project area.

In the Indiana Bat Conservation Plan, the project proponent stated their commitment to the avoidance, minimization, and conservation measures listed on the attached summary sheet. These measures are designed to address the potential direct and indirect effects that may occur as a result of the project, and will ensure that no Indiana bats will be directly killed by the removal of trees, and that roosting and foraging habitat will remain within the project area after project construction.

As part of the Indiana Bat Conservation Plan, Antero has committed to a combination of onsite and offsite conservation measures to offset potential habitat impacts to the Indiana bat. Offsite measures include the purchase of a 60 acre parcel of land on which Antero will enhance potential roosting habitat and place a perpetual conservation easement after which, the land will be entrusted to a third party for long term monitoring. Onsite measures include the installation of 120 artificial roost structures; structures will vary in type and be distributed at various locations throughout the West End Connector and Smith Pipelines, on the Tamela Compressor Station property, and on the proposed offsite conservation parcel. All artificial structures will be monitored for a period of three years during the summer survey season.

Based on the commitment to implement these measures, the Service concurs that these proposed projects are not likely to adversely affect the Indiana bat. The Indiana Bat Conservation Plan should be incorporated as a mandatory condition in any permits issued for this project, and all measures must be implemented as proposed.

#### Freshwater Mussels

The West End Connector project occurs within ¼-mile of Middle Island Creek and Buckeye Creek, which provide habitat for clubshell, rayed bean, and snuffbox mussels, which are listed as endangered under the ESA. Freshwater mussels feed by filtering food particles from the water column. Juvenile and adult freshwater mussels have been documented to feed on detritus, diatoms, phytoplankton, and zooplankton. Freshwater mussels rely on fish to complete their life

histories. When mussel larvae (glochidia) are released into the water by adult females, they must attach themselves within a few days to an appropriate fish host, which they then parasitize for a short time while developing into juvenile mussels. The current and historic loss of populations is likely due to the impacts of impoundments, navigation projects, water quality degradation from agricultural and industrial wastes, deforestation and other forms of habitat alteration, including gravel and sand dredging. Impacts that directly affected the species also include reduction or elimination of fish hosts.

Freshwater mussels play a key role in the health of aquatic environments by helping to maintain water quality, cycle nutrients, stabilize substrates, remove suspended sediments, and create habitat complexity (Anderson and Kreeger, 2012). Mussels remove suspended particulates from water by filter-feeding, which involves straining water over gills to remove microscopic food particles. Filter-feeding makes mussels very sensitive to excessive sedimentation caused by runoff from streambank and upland activities. Excessive sedimentation into a stream reduces suitable habitat for mussels and can smother them, causing death. Excessive suspended sediments can also impair feeding processes of mussels, leading to acute short-term or chronic long-term stress. Both excessive sedimentation and excessive suspended sediments can lead to reduced populations of mussels and therefore reduced benefits to the ecosystem (Anderson and Kreeger, 2010; Box and Mossa, 1999; Ellis, 1931; Ellis, 1936; Houp, 1993).

Due to the proximity of the project to Middle Island Creek and Buckeye Creek, the project could cause increased sedimentation that could adversely affect mussels. In correspondence dated February 26, 2015, the project proponent stated their commitment to the erosion and sedimentation best management practices listed on the attached summary sheet. These best management practices will help minimize effects of sedimentation and erosion to waterways that provide habitat to federally listed mussels near the action area. In addition, the project proponent will comply with the requirements set forth in the West Virginia Department of Environmental Protection's 2006 Best Management Protection Manual and the 2012 Erosion and Sediment Control Field Oil and Gas Manual. This office should be notified immediately if any deviations from the submitted plans are anticipated during construction of the project.

The project proposes to cross Middle Island Creek and Buckeye Creek by horizontal directional drill (HDD). This method will allow the pipeline to be placed under the stream without direct affects to the waterway. The HDD method uses bentonite clay in its pressurized drilling that, on occasion, can result in an inadvertent release that releases bentonite clay into waterways.

In your January 15, 2015 correspondence, the project proponent committed to the following measures that will be followed in the event of an inadvertent release:

- 1. Agencies will be contacted within 24 hours of the event.
- 2. Clean up of all spills will begin immediately.
- 3. Secondary containment measures including silt fence, sand bags, turbidity curtains, water pumps, and other BMPs will be installed.
- 4. A mussel investigation will promptly begin, as necessary.

In the event of an inadvertent release, the Service believes that implementation of the measures outlined above will minimize, to the extent practicable, potential adverse impacts to Middle

Mr. Fletcher March 3, 2015

Island Creek, Buckeye Creek, and federally listed species. This office should be notified immediately if any deviations from the submitted plans are anticipated, or if an inadvertent release occurs during construction of the project.

As a result of this information, the Service has concluded that the project may affect, but is not likely to adversely affect any federally listed endangered species. No biological assessment or further section 7 consultation under the ESA is required with the Service. Should project plans change or amendments be proposed that we have not considered in your proposed action, or if additional information on listed and proposed species becomes available, or if new species become listed or critical habitat is designated, this determination may be reconsidered. Our determination that this project may affect, but is not likely to adversely affect, any federally listed endangered and threatened species does not apply in the event of an inadvertent release. If you have any questions regarding this letter, please contact Tiernan Lennon of my staff at (304) 636-6586, Ext. 12, or at the letterhead address.

The process and procedures used for this project were unique and are not our preferred approach; they should not be used on future projects. Please plan to follow Service recommendations from the outset to assure future project coordination proceeds smoothly. The agreed upon conservation measures listed on the attached summary sheet are specific to this project, and may not be reasonable for future projects. We will continue to work with you on a specific suite of conservation measures for future projects.

Sincerely,

John E. Schmidt Field Supervisor

Tinian folimon Hay bee

#### Literature Cited

- Anderson, R. M. and D. A. Kreeger. 2010. Potential for impairment of freshwater mussel populations in DRBC special protection waters as a consequence of natural gas exploratory well development. Unpublished report prepared for U.S. Fish and Wildlife Service and the Partnership for the Delaware Estuary. State College, Pennsylvania.
- Box, J. M. and J. Mossa. 1999. Sediment, land use, and freshwater mussels: prospects and problems. *Journal of the North American Benthological Society*. 18:99-117.
- Ellis, M. M. 1931. Some factors affecting the replacement of the commercial fresh-water mussels. U.S. Department of Commerce Bureau of Fisheries. Fishery Circular. 7:1-10.
- Ellis, M. M.. 1936. Erosion silt as a factor in aquatic environments. Ecology. 17:29-42.
- Houp, R. E.. 1993. Observations on long-term effects of sedimentation on freshwater mussels (Molusca: Unionidae) in the North Fork of Red River, Kentucky. Transactions of the Kentucky Academy of Science. 54:93-97.

Mr. Fletcher March 3, 2015

Avoidance and Minimization Measures to be Applied on Project Seasonal tree clearing (all trees greater than 5" DBH) REQUIRED Avoid cutting potential roost trees
Minimize limits of disturbance (narrowed LOD or ROW)
Minimize impacts (clearing) around suitable swarming and summer habitat and
wetland/riparian zones
□ 50-foot or greater forested buffer left along both sides of streams
Collocate project features with previously disturbed or cleared areas
☐ Phase tree clearing over multiple years
☐ Reforest disturbed areas
☐ Restore or enhanced riparian/wetland areas
Strong erosion and sedimentation best management practices
Suitable habitat acreage permanently preserved within or adjacent to the project site
☐ Pollution control plan in place
Other:
□ Other:
Conservation Measures to be Applied on Project  ☐ Girdling trees on a 1:1 ratio for each potential roost tree that is lost during project development  ☐ Erecting bat boxes, artificial bark, or other artificial roosting structures on a 1:1 ratio  A 3-year monitoring plan of artificial structures  Preservation of suitable Indiana bat habitat off-site (60 acres)  ☐ Creation of watering areas, wetlands, or ponds  Other: Installation of 120 artificial roost structures  Other: Development of a site specific Conservation Plan  ☐ Other:
Erosion and Sedimentation Best Management Practices  Triple-stack compost filter sock  Super silt fence  Corrugated metal fencing  Armored outlets  Green space buffers  Other: Orange construction fencing  Other: Pan fencing
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# Nationwide Permit 12 Verification Special Conditions Antero Midstream, LLC – West End Connector Pipeline Project LRH-2015-00466-OHR – Middle Island Creek Page 1 of 2

- 1. Should new information regarding the scope and/or impacts of the project become available that was not submitted to this office during our review of the proposal, the permittee shall submit written information concerning proposed modification(s) to this office for review and evaluation, as soon as practicable.
- 2. Section 7 obligations under Endangered Species Act must be reconsidered if new information reveals impacts of the project that may affect federally listed species or critical habitat in a manner not previously considered, the proposed project is subsequently modified to include activities which were not considered during Section 7 consultation with the United States Fish and Wildlife Service, or new species are listed or critical habitat designated that might be affected by the subject project.
- 3. The proposed project lies within the range of the Indiana bat (*Myotis sodalis*), a federally listed endangered species. Summer habitat for the Indiana bat includes live and/or dead trees with peeling (exfoliating) bark, cracks, or crevices. Indiana bats use cave or mine portals for winter hibernation between 15 November and 31 March. Indiana bat foraging habitat is generally defined as riparian, bottomland, or upland forest, as well as old fields or pastures with scattered tress. Roosting and maternity habitats consist primarily of live or dead hardwood trees which have

The proposed project lies within the range of the northern long-eared bat (Myotis septentrionalis), a federally-listed threatened species. Summer habitat includes a variety of habitat ranging from bark, cavities or crevices of live trees and snags to caves or mines to human made structures such as buildings, barns, etc. The northern long-eared bats are most likely not dependent on a certain species of trees for roosts; rather, certain tree species will form suitable cavities or retain bark and the bats will use them opportunistically.

Suitable habitat for the Indiana bat and/or the northern long-eared bat may be located within the proposed project site. The permittee shall preserve trees and associated habitats exhibiting any of the characteristics listed above wherever possible. Should suitable habitat be present that cannot be saved during construction activities, these trees shall be cut after September 30 and prior to April 1. If the permittee is unable to adhere to the seasonal tree-cutting restriction, further consultation under Section 7 of the Endangered Species Act will be necessary. The United States Fish and Wildlife Service Ohio Field Office may be contacted by mail at 4625 Morse Road, Suite 104, Columbus, Ohio, 43230, by fax at (614)-416-8994, or phone at (614)-416-8993. The permittee must also contact the Regulatory Division in the event adherence to the seasonal tree-cutting restriction cannot be met. The Regulatory Division may be contacted by mail at Huntington District, U.S. Army Corps of Engineers, CELRH-RD-E, 502 Eighth Street, Huntington, West Virginia 25701 or by phone at (304)-399-5610.

# Nationwide Permit 12 Verification Special Conditions Antero Midstream, LLC – West End Connector Pipeline Project LRH-2015-00466-OHR – Middle Island Creek Page 2 of 2

4. The project proposes implementation of the Conservation Plan, signed by USFWS on March 3, 2015, to demonstrate commitment to avoidance, minimization, and conservation measures. The conservation plan includes on-site and off-site conservation efforts designed to address potential direct and indirect effects that may occur as a result of the project. The conservation plan ensures that there would be no direct take of Indiana bats or northern long-eared bats as a result of the removal of trees and makes certain that roosting and foraging habitat will remain within the project area after construction has concluded.

If the permittee is unable to implement all conservation measures of the Conservation Plan, as outlined in the submitted information, further consultation under Section 7 of the Endangered Species Act will be necessary. The United States Fish and Wildlife Service may be contacted by mail at 694 Beverly Pike, Elkins, West Virginia, 26241, by fax at (304) 636-7824, or phone at (304)-636-6586. The permittee must also contact the Regulatory Division in the event that full implementation of the Indiana Bat Conservation Plan cannot be met.

5. The project proposes implementation of horizontal directional drilling (HDD) and a conventional bore method to demonstrate commitment to avoidance, minimization and conservation measures. HDD crossings at Middle Island Creek and Buckeye Creek are included in the *Conservation plan* signed by USFWS on March 3, 2015. Conventional boring will be implemented at Rock Run, Jockeycamp Run, Stream 47, Stream 48 (1) and Stream 48 (2).

If the permittee is unable to implement all avoidance measures of the Conservation Plan, as outlined in the submitted information, further consultation under Section 7 of the Endangered Species Act will be necessary. The United States Fish and Wildlife Service may be contacted by mail at 694 Beverly Pike, Elkins, West Virginia, 26241, by fax at (304) 636-7824, or phone at (304)-636-6586. The permittee must also contact the Regulatory Division in the event that full implementation of the Conservation Plan cannot be met.

# THRASHER

December 22, 2014

Mr. Bo Wristen
Doddridge County Commission
118 East Court Street
West Union, WV 26456

RE: Doddridge County Floodplain Development Permit
Antero Midstream LLC
West End Connector Project
Doddridge County, West Virginia
Thrasher Project #101-015-0265 AFE #14KARLXPRS

Mr. Wristen:

On behalf of Antero Midstream LLC (Antero), The Thrasher Group, Inc. (Thrasher), is submitting to your office, for review and approval, a proposed pipeline project in the USGS West Union and Smithburg 7.5 minute quadrangles of Doddridge County, WV.

The proposed West End Connector Pipeline Project will consist of one (1) buried twenty-four (24) inch steel natural gas pipeline, located within a three (3) by five (5) foot trench installed within a 90-foot wide construction right-of-way (ROW). The proposed pipeline project originates at the Tamela Compressor Site, located at approximate coordinates 39.327046°N and 80.842147°W. From there, it extends approximately 73,027 LF to the Sherwood Central Processing Facility, located at approximate coordinates 39.275236°N and 80.689514°W.

In addition, the proposed project will utilize nineteen (19) existing access roads during the installation of the pipeline. Minor upgrades (surface grading and depositing stone) will occur due to the utilization of the existing access roads and proposed access road.

The West End Connector Pipeline Project LOD, including the pipeline ROW and associated workspaces, encompasses approximately 160.4 acres. The USGS topographical map and aerial imagery map, contained herein, depict the limits of disturbance associated with the proposed construction.

The proposed West End Connector Pipeline project has an approximate total of 3,220 linear feet of existing access road and 3,000 linear feet of pipeline (of which, 1,885 linear feet will be bored) in multiple locations within the floodplain. Please see attached WV Flood Tool Map and FEMA issued FIRM Map (Doddridge County Panels 105, 110, 120, and 140) with the pipeline overlaid.

# Pipeline Right-of-Way

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	1	Shepherd Holding Co	RT 1 Box 721, \Greenwood, WV 26415		196	654	Arnolds Creek Three Trs 102.19 AC
Central	1	4	1.1	Shepherd Fern A	5188 Long Run Rd, Pennsboro, WV 26415	·	277	116	L Run of Arnolds Creek 9.37 Ac
Central	1	4	11	Chipps Eugene Vance II	RR 4 Box 3006, Clarksburg, WV 26301	RT 11	SF8	405	15 Ac Arnolds Creek
Central	1	4	11.1	Shepherd Michael	Rt. Box 721, Pennsboro, WV 26415	Rt 11 over 1	232	152	Arnolds Creek 119.96 Ac
Central	1	4	14	Chipps Eugene Vance II	Rt 4 Box 3006, Clarksburg, WV 26301		SF8	405	Arnolds Creek 23.20 Ac
Central	1	4	14.1	Shepherd Michael	Rt Box 721, Superior Greenwood, WV 26415	Rt 11	232	152	Arnolds Creek 10 Ac
West Union	8	6	7	Stout Debra L	8 Old Rosemar Rd Parkersburg WV 26105		AP35	212	3.46 AC M I Creek
West Union	8	7	5	Ostroff Joel W & Bonnie	2912 Joyce Road, Roslyn, PA 19001	Star Rt West Union M I Creek	167	782	M I Creek 176 Ac 80P
West Union	8	4	28	Strikling John Paul ETAL	HC 69 Box 34 W West Union WV 26456	Star Rt W Union Rt 28	WB28	314	M I Creek 357.75
West Union	8	13	14.2	Sammons Lucien R Et Ux	401 10 <sup>th</sup> St Ste 1004 Huntington WV 25701	Englands Rn W Union Dis 50/10	174	544	2.43 ac Englands Run

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
West Union	8	13	14.5	Mercado Rachal	129 Englands Rd, West Union, WV 26456	Englands Run	305	516	1.1 Ac Englands Run
West Union	8	13	14.9	Holden John W Melissa A (Surv)	482 Jacobs Run Rd Salem WV 26426		286	440	2.19 ac Englands Run Lots 1 6 7
West Union	8	13	16	Big D Enterprises LLC	PO Box 351 Salem WV 26426	Rt 1 Mgvlle, Englands Rn 50/10	274	27	Buckeye Fk of M I Creek 35.63 Ac
West Union	8	13	16.3	Hall Drilling LLC	PO Box 249, Ellenboro, WV 26346		277	698	6.4 AC Buckeye Fk of MI Creek
Grant	3	16	15	Leatherman Delbert E Et Al	652 Deerfield Drive, Bridgeport, WV 26330		214	444	Morgans Run 209.48 Ac Int O&G
Grant	3	16	15.2	Bland James A & Angela J (Surv) (Life)	HC 68 Box 19, West Union, WV 26456	Rt 20	283	319	80 Ac Morgans Run 1/2 Int
Grant	3	19	31	D&M Powell LLC	304 Stuart St, West Union, WV 26456		304	355	Buckeye 251.84 Ac Int O&G /Leased Land
Grant	3	19	41	WV Railroad Maintenance Authority	PO Box 470, Moorefield, WV 26836		216	166	21.28 Ac Grant District

# Adjacent Surface Owner (Upstream)

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
Central	1	4	2	James Carlie	151 Kelley James Ln, West Union, WV 26456	Rt 26	192	394	Long Run 13.90 Total AC
Central	1	4	3	James Carlie	151 Kelley James Ln, West Union, WV 26456	Rt 26	285	593	Long Run 0.5 AC
Central	1	4	17	Looney Michael L	88 Little Creek Run Road, West Union, WV 26456	Off 11 over 1	246	300	Arnolds Creek 32 ac
West Union	8	. 6	2	Lynch William Randall & Dixie Janet Craig (SURV)	HC 69 Box 35 West Union WV 26456	Star Rt West Union Rt 18	214	279	M I Creek 32.19 ac
West Union	8	6	2.3	Painter Carol & Alfrieda	HCR 69 Box 35G West Union WV 26456		197	659	Middle Island Creek 1.82 ac
West Union	8	6	1	Lynch Randall & Dixie Craig	5534 WV Rt 18 N West Union WV 26456	Star Rt West Union Rt 18	258	546	Two Trs M I Creek 75.72 ac
West Union	8	13	14.4	Sammons Lucien R Jr & Lana L DBA Black Cherry Estates	401 10 <sup>th</sup> St Ste 1004 <b>1</b> Huntington WV 25701		272	402	2.54 ac Englands Run
Grant	3	16	15.1	Leatherman Donna	627 Morgans Run Rd West Union WV 26456	Rt 20	WB44	213	Morgans Run 1.15 ac

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Grant	3	19	31.2	D&M Powell LLC	304 Stuart St, West Union, WV 26456	Old Rt 50	304	355	Buckeye 9 Ac

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
Central	1	4	13	Chipps Eugene Vance II	Rt 4 Box 3006, Clarksburg WV 26301		SF8	405	Arnolds Creek 66.79 ac
West Union	8	7	7	Phillips Clifton E	HC 69 Box 17, West Union, WV 26456	Star Rt W Union	273	668	M I Creek 9.9 Ac
West Union	8	13	16.1	Strickling John P & Linda L (Surv)	130 Englands Run Rd, West Union WV 26456		270	524	Buckeye Fk of M I Creek 4.195 Ac
West Union	8	13	16.5	Wasmer Rodney	2220 Coral Thorn Rd Baltimore MD 21220		273	507	58.55 ac Buckeye Fk of M I Creek
Grant	3	16	15.2	Hass Ronald M & Jamie M %First American Real Est Tax	1 First American Way, Westlake TX 76262	Rt 20	240	696	80 ac Morgans Run ½ Int
Grant	3	19	10	Leeson Lyndell Swisher	76 Bear Fork Rd New Milton WV 26411	Rt50/22	168	621	151 PO Morgansville
Grant	3	19	31.1	D&M Powell LLC	304 Stuart St, West Union, WV 26456	Old Rt 50	304	355	Buckeye 31 AC 120 PO

#### **Access Road 1**

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	1	Shepherd Holding Co Inc	Rt. 1 Box 721, \ Greenwood, \ WV 26415		196	654	Arnolds Creek Three Trs 102.19 Ac

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	1.4	Shepherd Melissa A	Rt 1 Box 723 Greenwood WV 26415		278	718	Long Run .88 ac

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	1.1	Shepherd Fern A	5188 Long Run Rd, Pennsboro, WV 26415		277	116	L Run of Arnolds Creek 9.37 Ac

# Access Road 3

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	11.1	Shepherd Michael	Rt. Box 721, Greenwood, WV, 26415	Rt 11 0ver 1	232	152	Arnolds Creek 119.96 Ac
Central	1	4	14.1	Shepherd Michael	Rt. Box 721, Substitution of Rt. Box 721, Sub	Rt 11	232	152	Arnolds Creek 10 Ac

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
Central	1	4	17	Looney Michael L	88 Little Creek Run Rd West Union WV 26456	Off 11 over 1	246	300	Arnolds Creek 32 ac

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	13	Chipps Eugene Vance II	Rt 4 Box 3006 Clarksburg WV 26301		SF8	405	Arnolds Creek 66.79 ac

# Access Road 4

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	22	Hiley Raymmond D Jr Et Al	93 Pineview Dr., Parkersburg WV 26101		194	769	Arnolds Creek 3/54 Int 1.25 Ac
Central	1	4	22	Demastus William (Life) % Kelly & Maudenna Smith	PO Box 491 Accoville, WV 25606		284	81	Arnolds Creek 51/54 Int 1.25 Ac
Central	1	4	22.2	Hayhurst Eli W & Jeffrey A	1207 Fawn View Dr, Fairmont, WV 26554	Rt 1	283	654	Arnolds Creek 66.55 Ac

### Adjacent Surface Owner (Upstream)

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	23.2	Smith Kelly Edward JR & Maudenna L (SURV)	P.O. Box 419, Accoville, WV 25606		236	539	6 AC Arnolds Creek
Central	1	4	23	Ash Virginia M & Jack G (SURV)	1414 Washington GDNS Cir, Washington, WV 26181	Rt 11	236	537	J I Hiley Farm Arnolds Creek ½ INT 63 AC
Central	1	4	23	Hiley Ralph M & Rita E (Surv)	93 Pineview Drive, Parkersburg, WV 26101	Rt 11	236	537	½ INT 63 AC J I Hiley Farm Arnolds Creek

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Central	1	4	43	Smith Kelly Edward JR & Maudenna L (SURV)	P.O. Box 419, Accoville, WV 25606		233	113	9.5 AC Arnolds Creek
Central	1	4	22.1	Demastus Edward & Margaret Betty Brown	2082 Sam Cavins Rd West Union WV 26456	Rt 11	170	375	Lot Arnolds Creek 1.20 AC 51/54 INT
Central	1	4	22.1	Hiley Raymond D JR Etal	93 Pineview Dr, Parkersburg, WV 26101	Rt 11	170	375	Lot Arnolds Creek 1.20 AC 3/54 INT

#### Access Road 6

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
West Union	8	4	28	Strickling John Paul Et Al	Rt. Box 721, Greenwood, WV, 26415	Star Rt W.Union Rt 28	WB28	314	M I Creek 357.75

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
West Union	8	7	4	Holden Robert P & Sherri M Bailey (Surv)	127 Crystal Lake RD, West Union, WV 26456	M.I. Creek	301	464	M I Creek 6.14 AC

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
West Union	8	6	2	Lynch William Randall & Dixie Janet Craig (Surv)	HC 69 Box 35, West Union, WV 26456	Star Rt West Union Rt. #18	214	279	M I Creek 32.19 AC

# Access Road 16

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
West Union	8	13	16	Big "D" Enterprises LLC	PO Box 351 Salem WV 26426	Rt 1 Mgvlle, Englands Run 50/10	274	27	Buckeye Fk of M I Creek 35.63 AC
West Union	8	13	16.3	Hall Drilling LLC	PO Box 249, Ellenboro, WV 26436		279	628	6.4 AC Buckeye Fk of M I Creek

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
West Union	8	13	14.5	Mercado Rachal	129 Englands Rd, West Union, WV 26456	Englands Run	305	516	1.1 AC Englands Run

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
West Union	8	12	92.1	McKinney Karen Irene Sue	Rt 1 Box 346, Salem, WV 26426		255	558	.531 AC Buckeye

### Access Road 17

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
West Union	8	13	16.3	Hall Drilling LLC	PO Box 249 Ellenboro, WV 26346		279	628	6.4 AC Buckeye Fk of M I Creek

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
West Union	8	13	14.5	Mercado Rachal	129 Englands Rd, West Union, WV 26456	Englands Run	305	516	1.1 AC Englands Run
West Union	8	13	16.4	Halls Drilling LLC	PO Box 249 Ellenboro, WV 26346		277	698	.80 AC Englands Run

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
West Union	8	12	92.1	McKinney Karen Irene Sue	Rt 1 Box 346, Salem, WV 26426		255	558	.531 AC Buckeye

### Access Road 18

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Grant	3	16	15	Leatherman Delbert E Et Al	652 Deerfield Drive, Bridgeport, WV		. 214	444	Morgans Run 209.48 AC Int O&G

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Grant	3	16	15.1	Leatherman Donna	627 Morgans Run Rd, West Union WV 26546	RT 20	WB44	213	Morgans Run 1.15 AC

DIST NAME	DIST	MAP	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Grant	3	19	12	Leatherman Delbert Et Al C/O Delbert Leatherman	652 Deerfield Dr, Bridgeport, WV 26330	Rt 22	214	444	Morgans Run 2.05 AC

# Access Road 19

#### **Surface Owners within Floodplain**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
Grant	3	19	31	D&M Powell LLC	304 Stuart St, West Union, WV 26456		304	355	Buckeye 251.84 AC Int - O&G
Grant	3	19	41	WV Railroad Maintenance Authority	PO Box 470 Moorefield, WV 26836		216	166	21.28 AC Grant District

#### **Adjacent Surface Owner (Upstream)**

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	roc	воок	PAGE	LEGAL DESC
Grant	3	19	31	D&M Powell LLC	304 Stuart St, West Union, WV 26456		304	355	Buckeye 152.38 AC Int O&G

DIST NAME	DIST	МАР	PAR	OWNER	ADDRESS	LOC	воок	PAGE	LEGAL DESC
Grant	3	19	31.1	D&M Powell LLC	304 Stuart St, West Union, WV 26456	Old Rt 50	304	355	Buckeye 31 AC 120 PO

#### Legal Advertisement:

#### **Doddridge County**

#### Floodplain Permit Application

Please take notice that on the 20<sup>th</sup> day of January, 2015

#### **Antero Resources**

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

**West Union & Grant Districts** 

39.327046N/80.842147W to 39.275236N/80.689514W

Permit #15-334 West End Connector Pipeline Project

The Application is on file with the Clerk of the County Court and may be inspected a or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by **February 23, 2015**, delivered to:

Clerk of the County Court

118 E. Court Street, West Union, WV 26456

Beth A Rogers, Doddridge County Clerk

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

LEGAL ADVERTISEMENT

(Doddridge Gounty

Floodplain Permit/Application)

Pleasettake bouted that to the 20th day of January, 2015

Antero Resource: filed any application for an Floodplain,

Rermit to develop land located at or a bout. West Union &

Grant District: 339327046N/30584214/7W. 10 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 Floodplain Management has no aregulatory authority. Any interested persons who desire to comment shall present the same in writing by February 23, 2015.

Delivered to the:

Clerk of the County County.

118 E. Court Street, West Union, Wy 26456

Beith A. Rogers, Doddridge County Clerk
Edwin L. 185, Wission, Doddridge County Flood Plain

Manager

Manager

#### STATE OF WEST VIRGINIA, COUNTY OF DODDRIDGE, TO WIT

I, Virginia Nicholson, Editor of THE HERALD RECORD, a weekly newspaper published regularly, in Doddridge County, West Virginia, Do Hereby Certify That the Accompanying Legal Notice Entitled: was published in said paper for . . ... successive weeks beginning with the issue ending with the issue of Muary 10th 2015 and that said notice contains . . . . WORD SPACE at . .cents a word amounts to the sum of \$ ... FOR FIRST PUBLICATION, SECOND **PUBLICATION IS 75% OF THE FIRST PUBLICATION** and each publication thereafter **EDITOR** SWORN TO AND SUBSCRIBED DAY NOTARY PUBLIC

OFFICIAL SEAL Notary Public, State Of West Virginia
LAURA J STICKEL 212 Edmond Street



# The Doddridge Independent **PUBLISHER'S CERTIFICATE**

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

#### **Antero Resources**

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

West Union & Grant Districts
39.327046N/80.842147W to 39.275236N/80.689514W
Permit #15-334 West End Connector Pipeline Project

was published in The Doddridge Independent 2 times commencing on Friday, February 6, 2015 and Ending on Friday, February 13, 2015 at the request of:

#### Edwin Wriston, Doddridge County Floodplain Manager& Doddridge County Commission

Given under my hand this Tuesday, February 17, 2015

The publisher's fee for said publication is:

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

\ \ day of

Legal Advertisement:
Doddridge County
Floodplain Permit Application

Please take notice that on the 20th day of lanuary, 2015 Antero Resources

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

West Union & Grant Districts 39.327046N/80.842147W to 39.275236N/80.689514W Permit #15-334 West End Connector Pipeline Project

The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by February 23, 2015, delivered to:

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

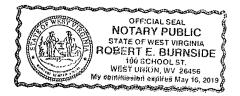








Figure 2.1: Potentially Jurisdictional Features
West End Connector Pipeline

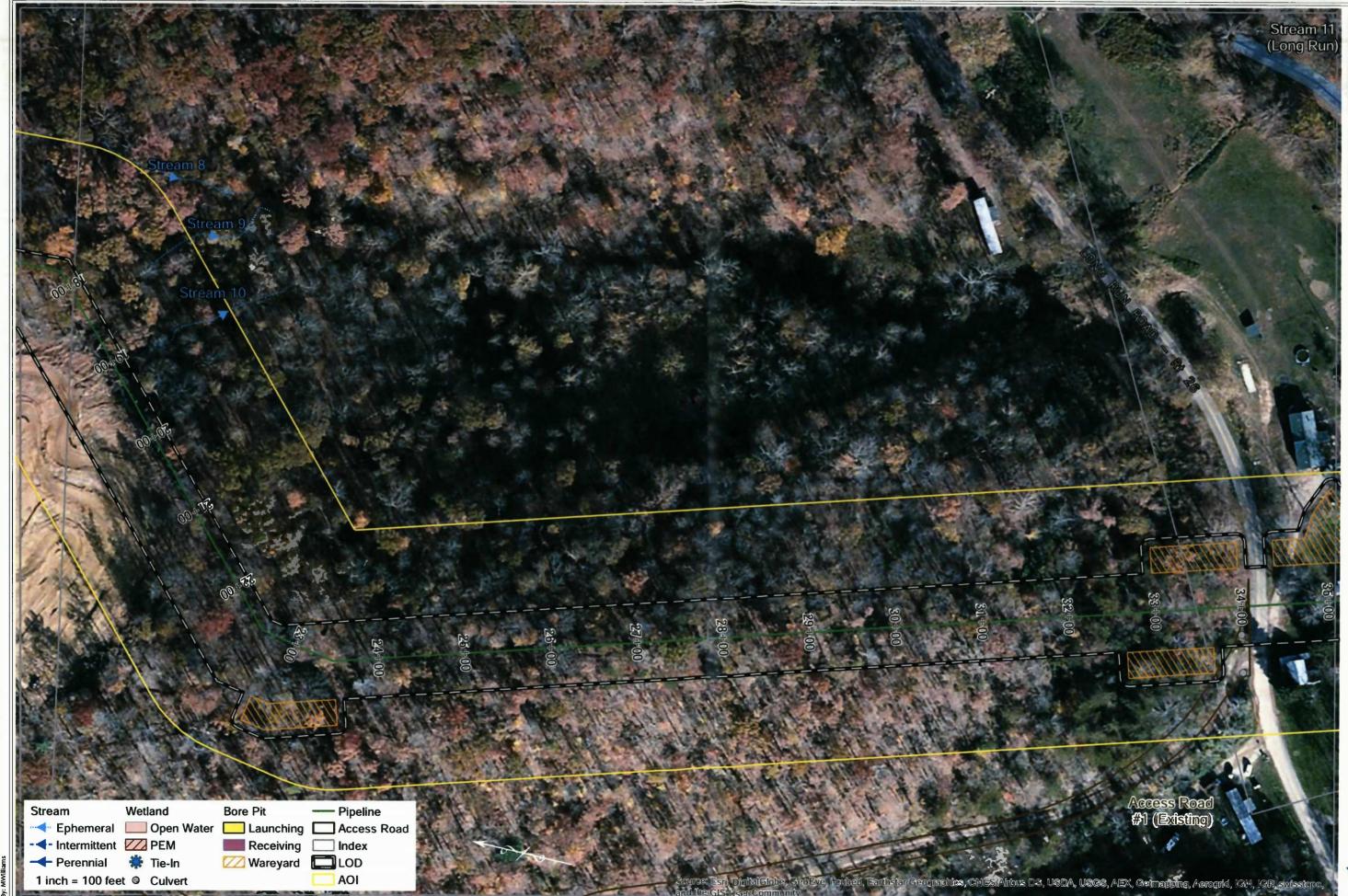




Figure 2.2: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

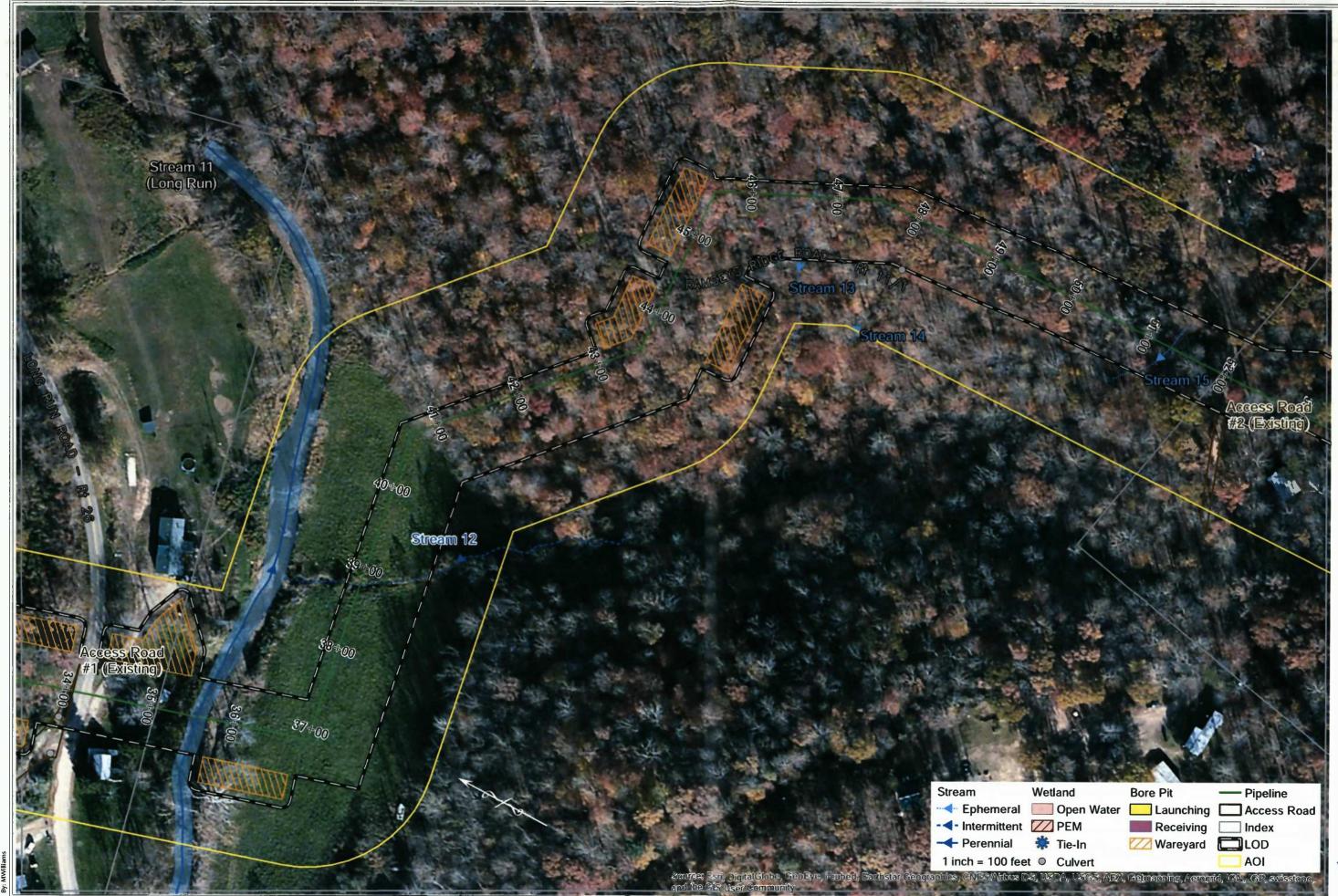
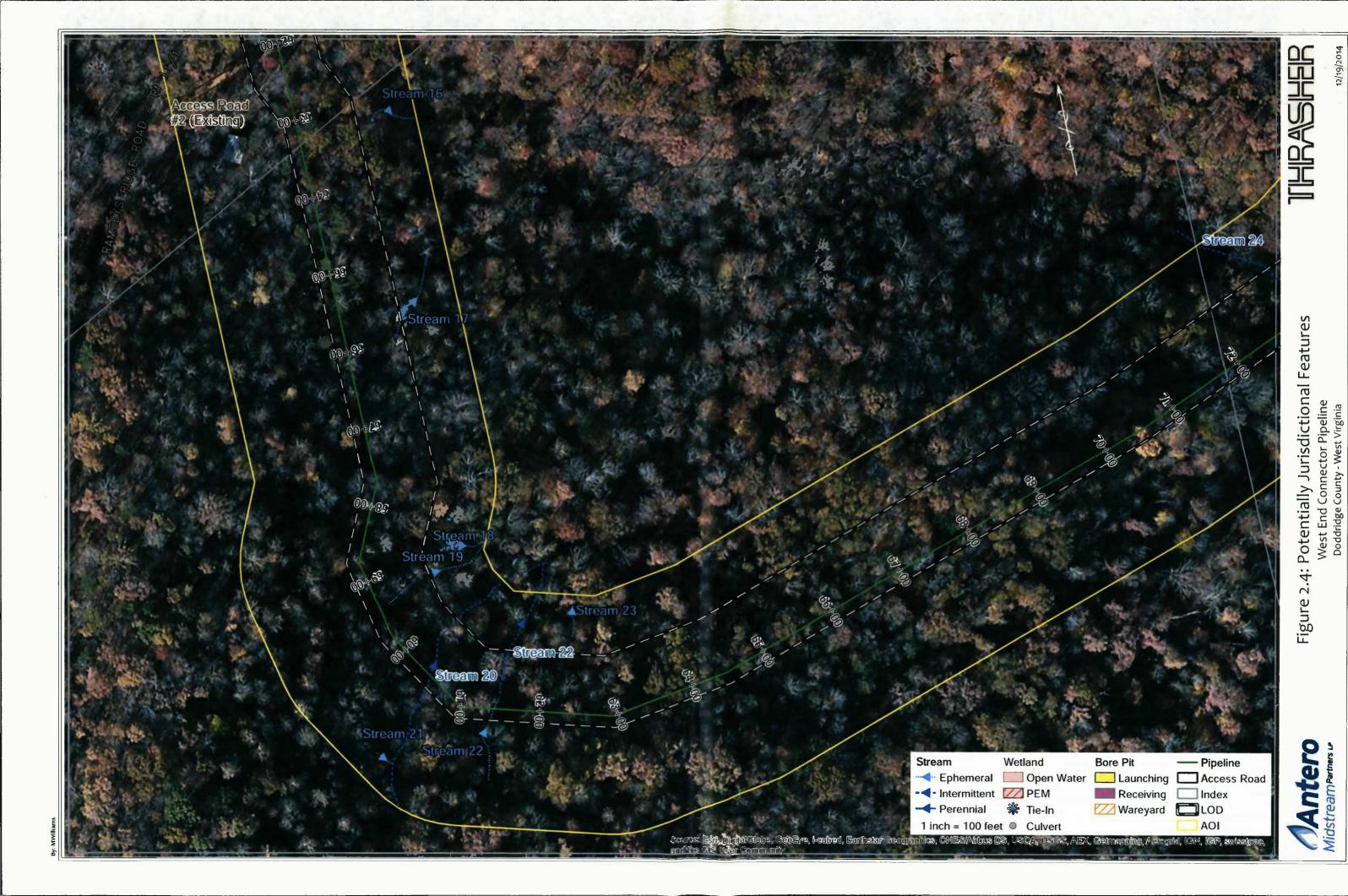
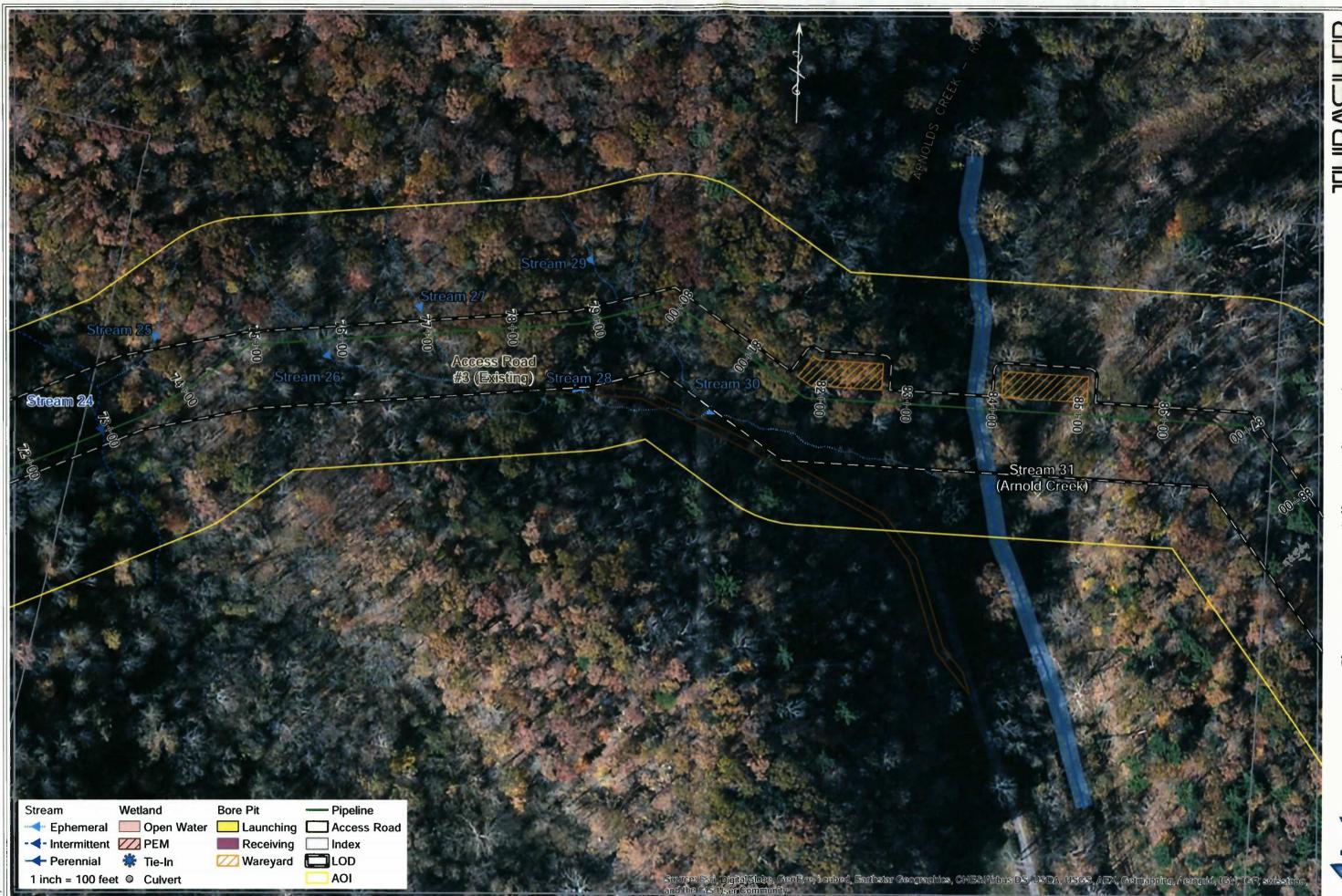




Figure 2.3: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia





**Antero** 

Figure 2.5: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

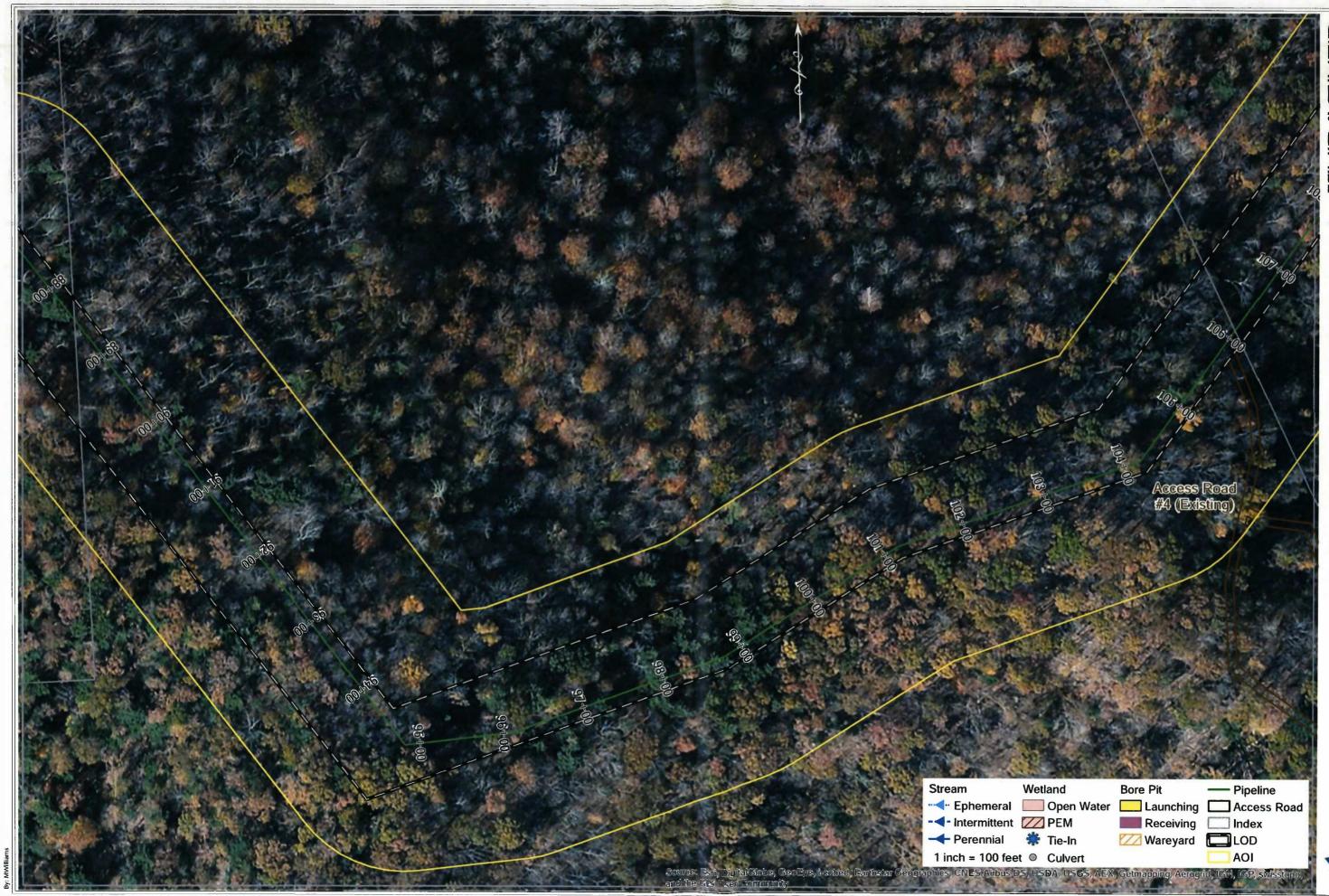
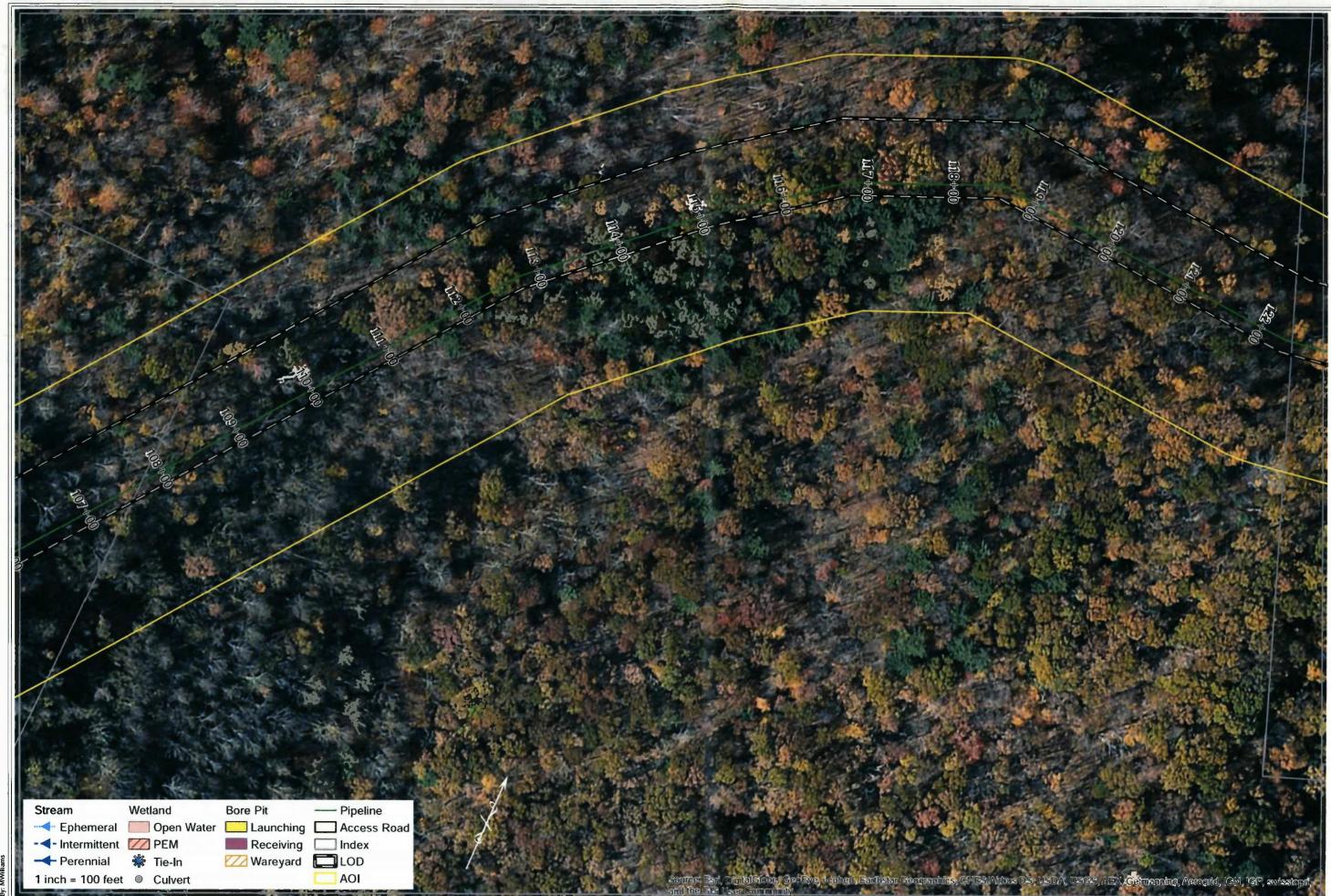


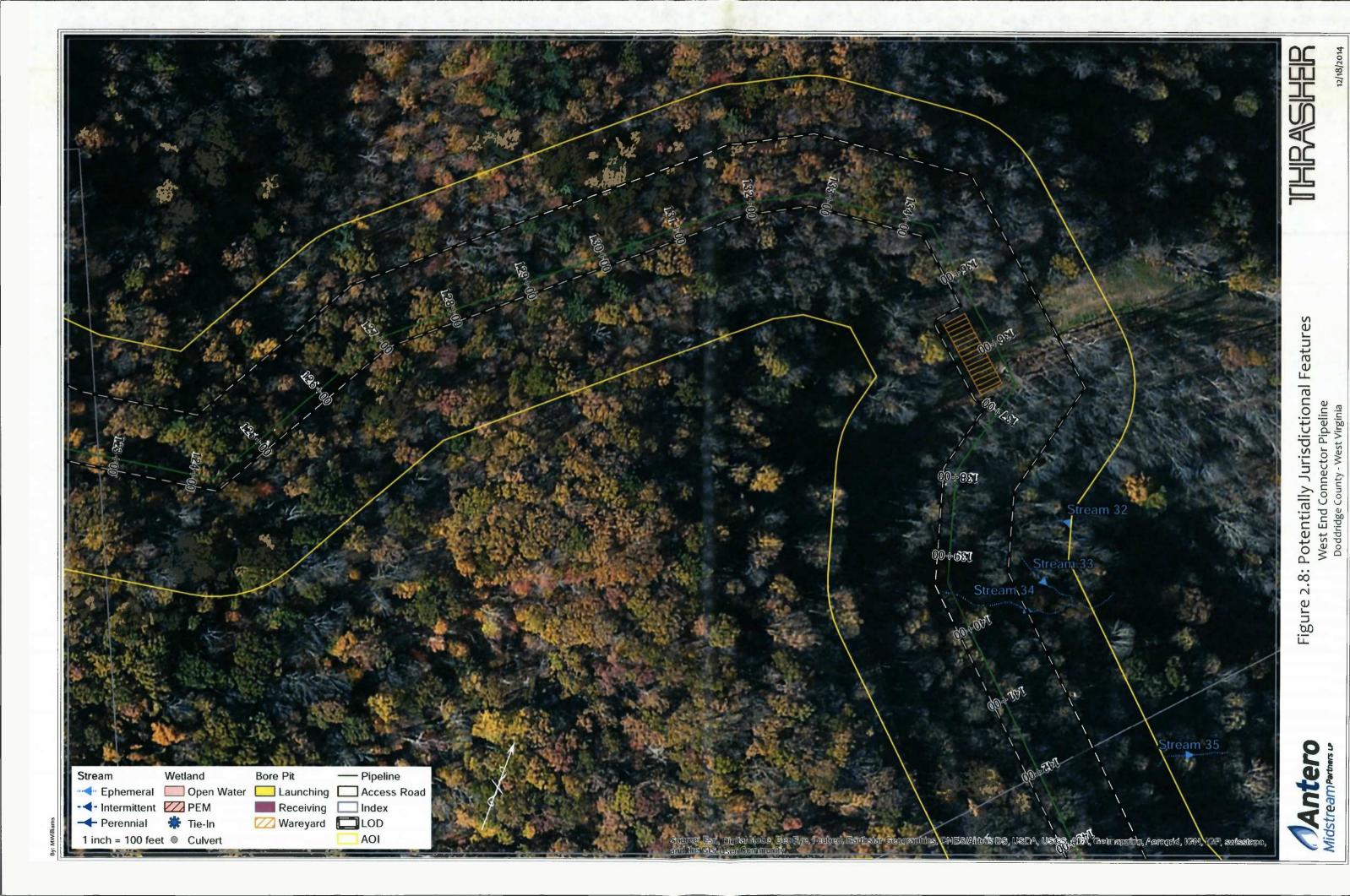


Figure 2.6: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia





Jurisdictional Features Figure 2.7: Potentially



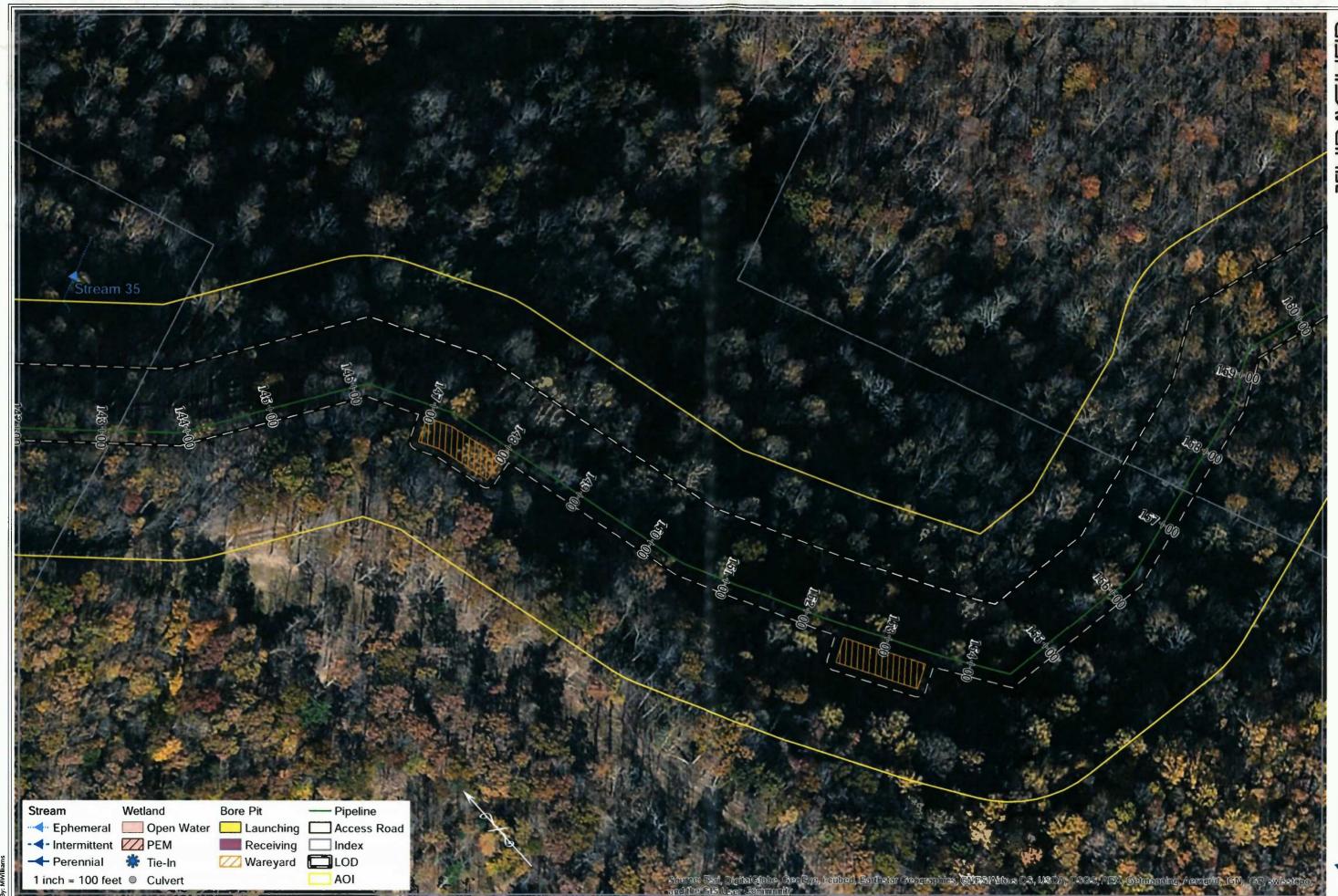
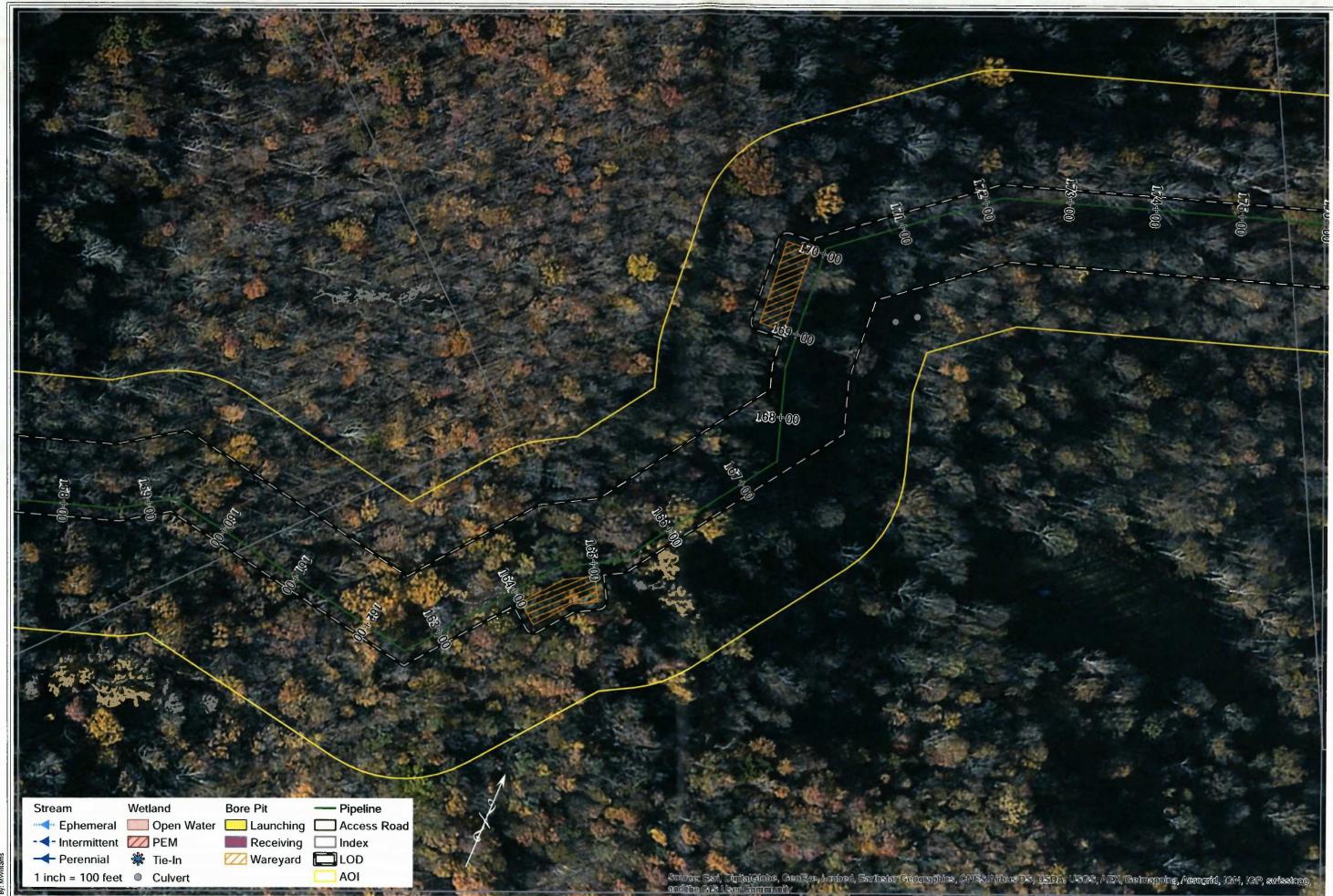




Figure 2.9: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia



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Figure 2.10: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

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Figure 2.12: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

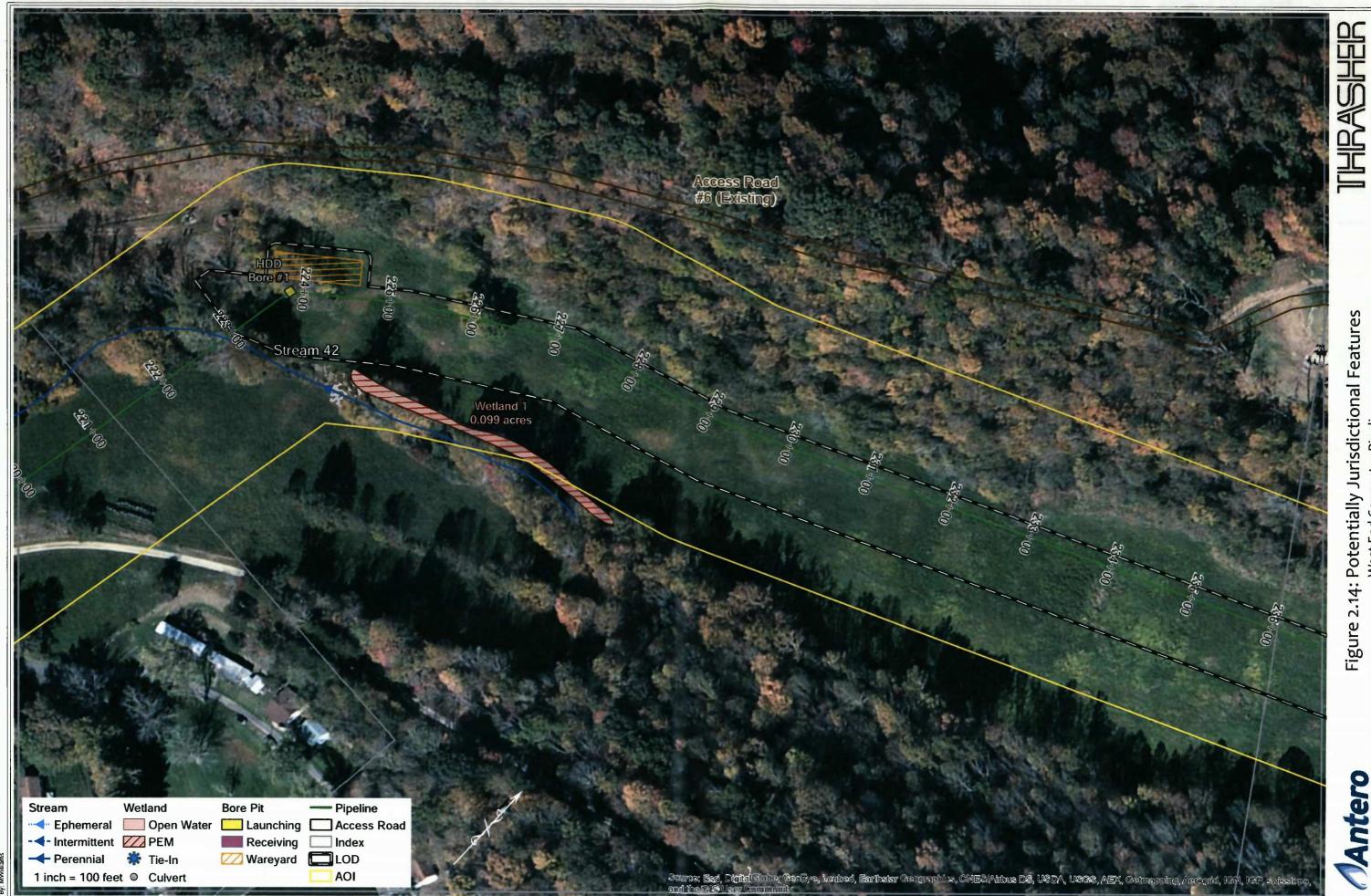
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Figure 2.13: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

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Figure 2.14: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia





Figure 2.15: Potentially Jurisdictional Features
West End Connector Pipeline

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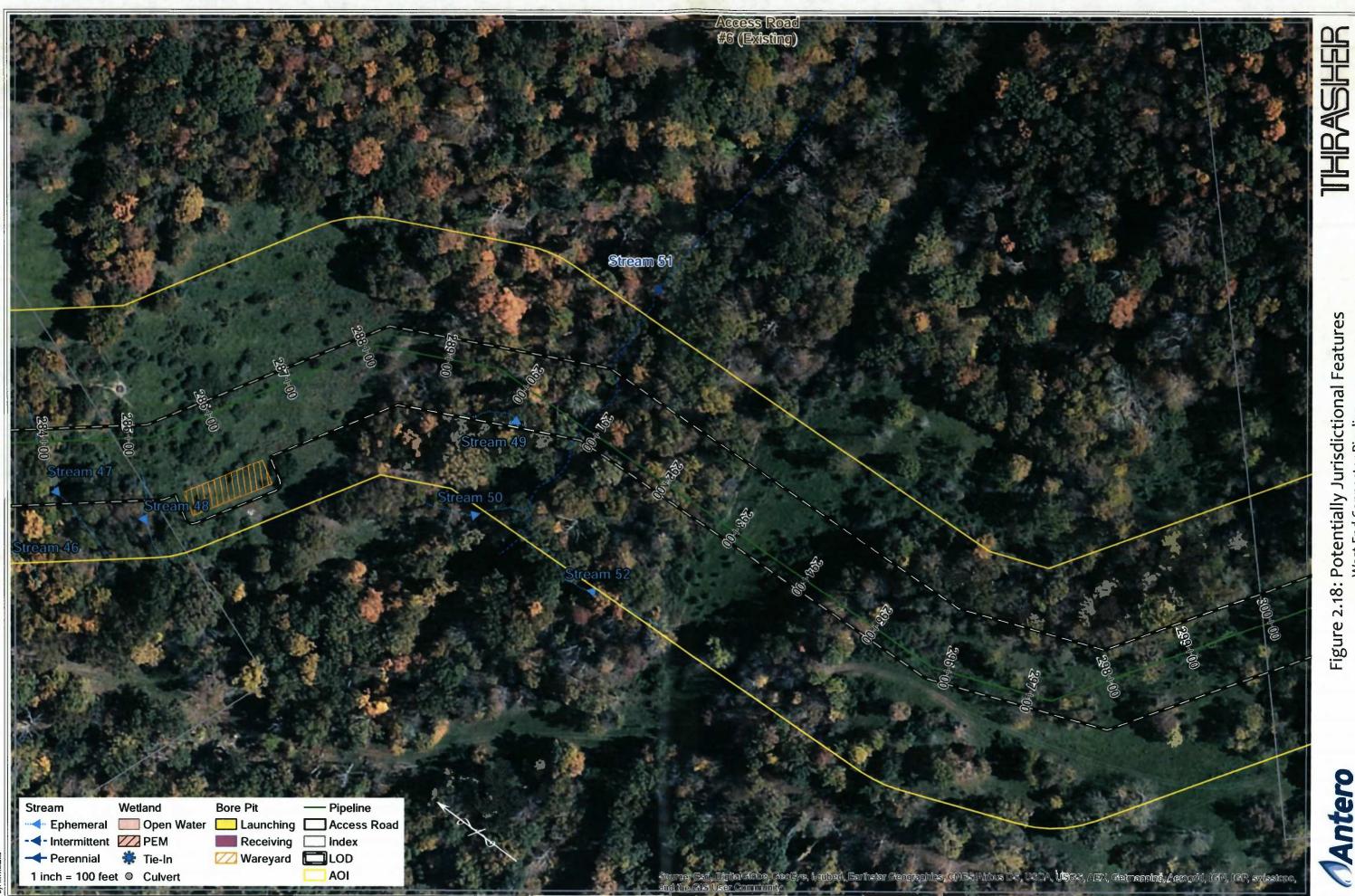
Figure 2.16: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia





Figure 2.17: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

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Figure 2.18: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

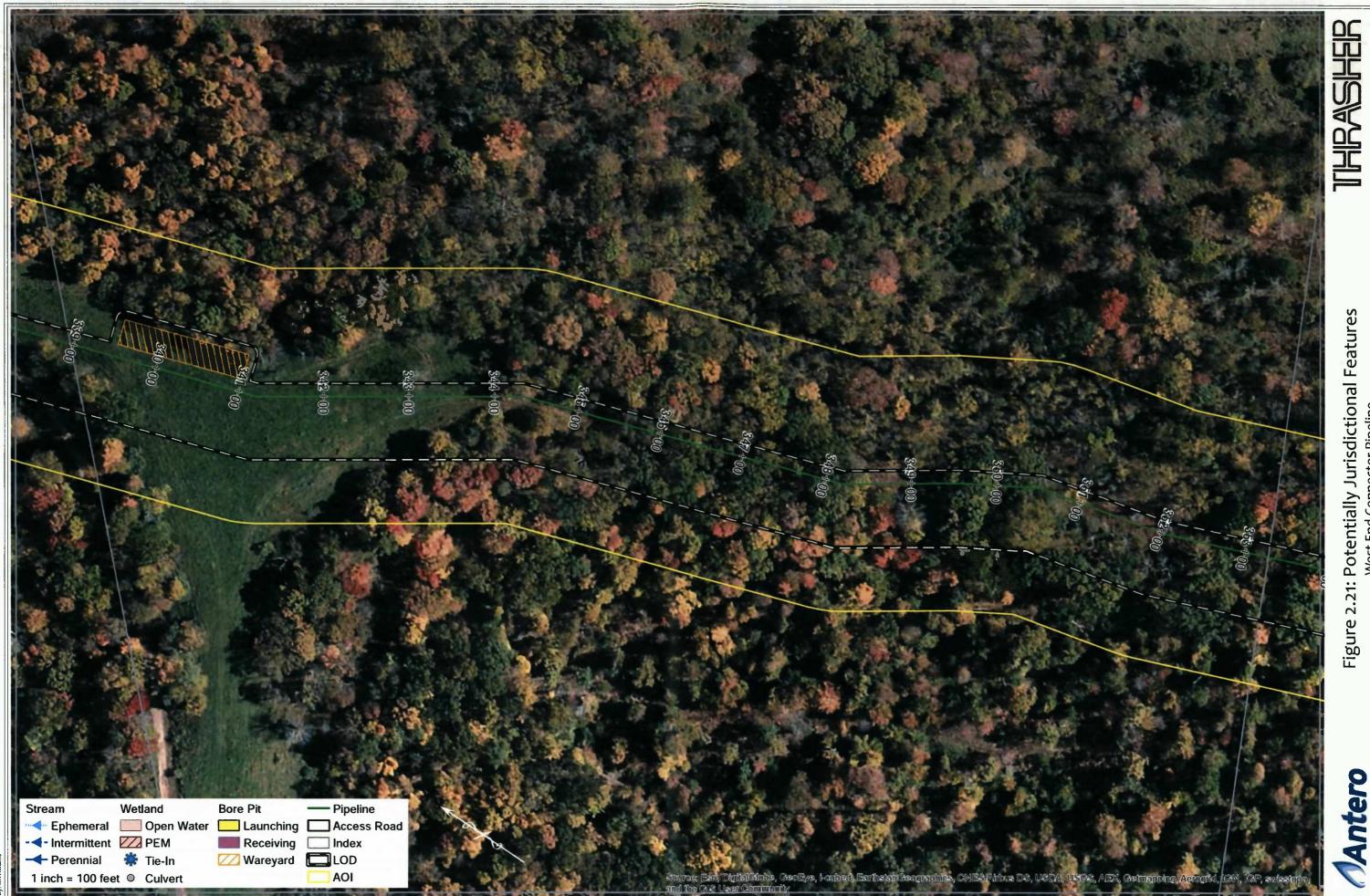


Figure 2.19: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia



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Jurisdictional Features Figure 2.20: Potentially West End Conn

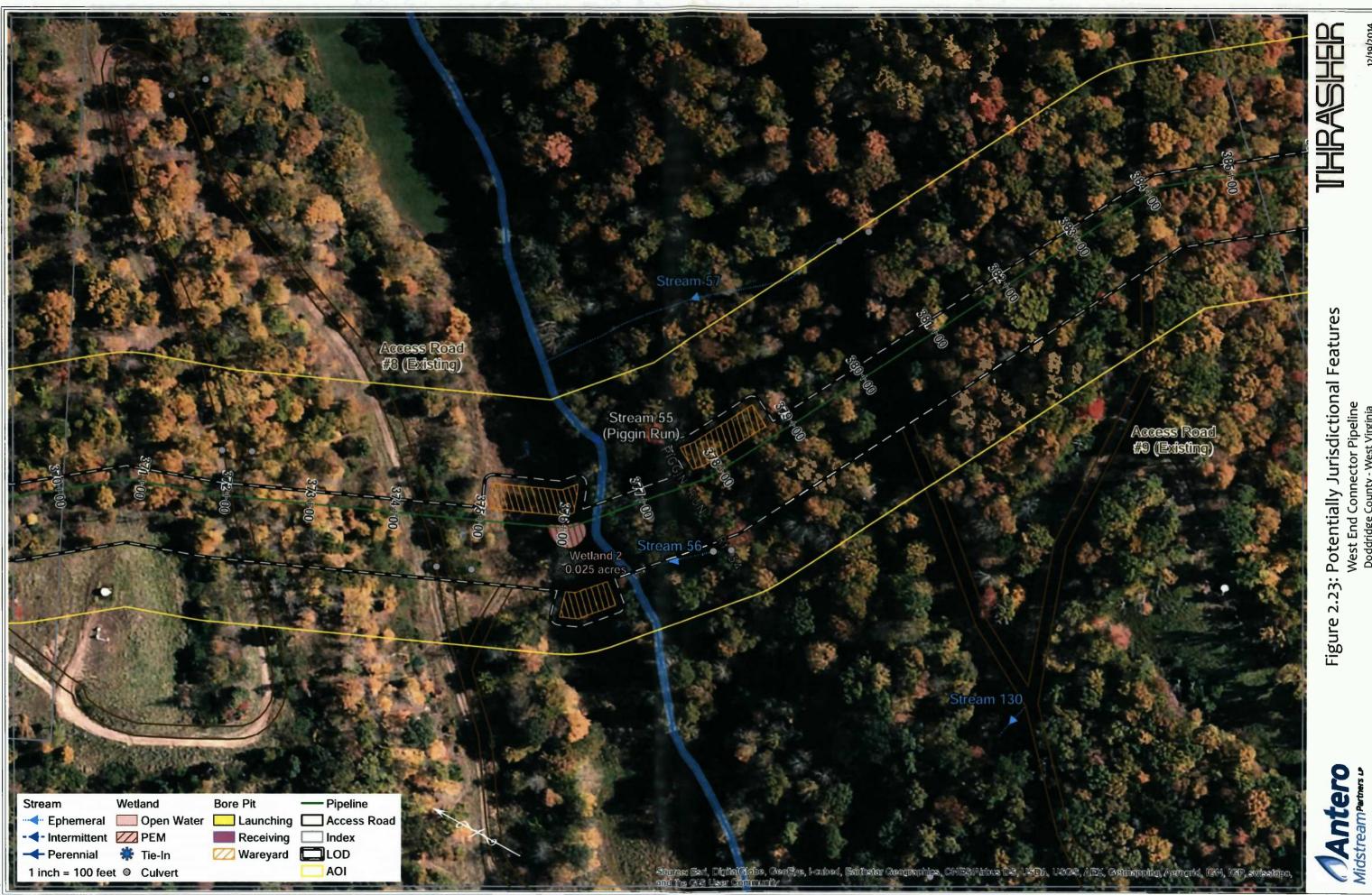


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Jurisdictional Features Figure 2.21: Potentially
West End Com



Jurisdictional Features ector Pipeline Figure 2.22: Potentiall West End Co



Jurisdictional Features Figure 2.23: Potentially West End Conr



Figure 2.24: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia



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Figure 2.25: Potentially Jurisdictional Features West End Connector Pipeline Doddridge County - West Virginia



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Figure 2.26: Potentially Jurisdictional Features West End Connector Pipeline Doddridge County - West Virginia

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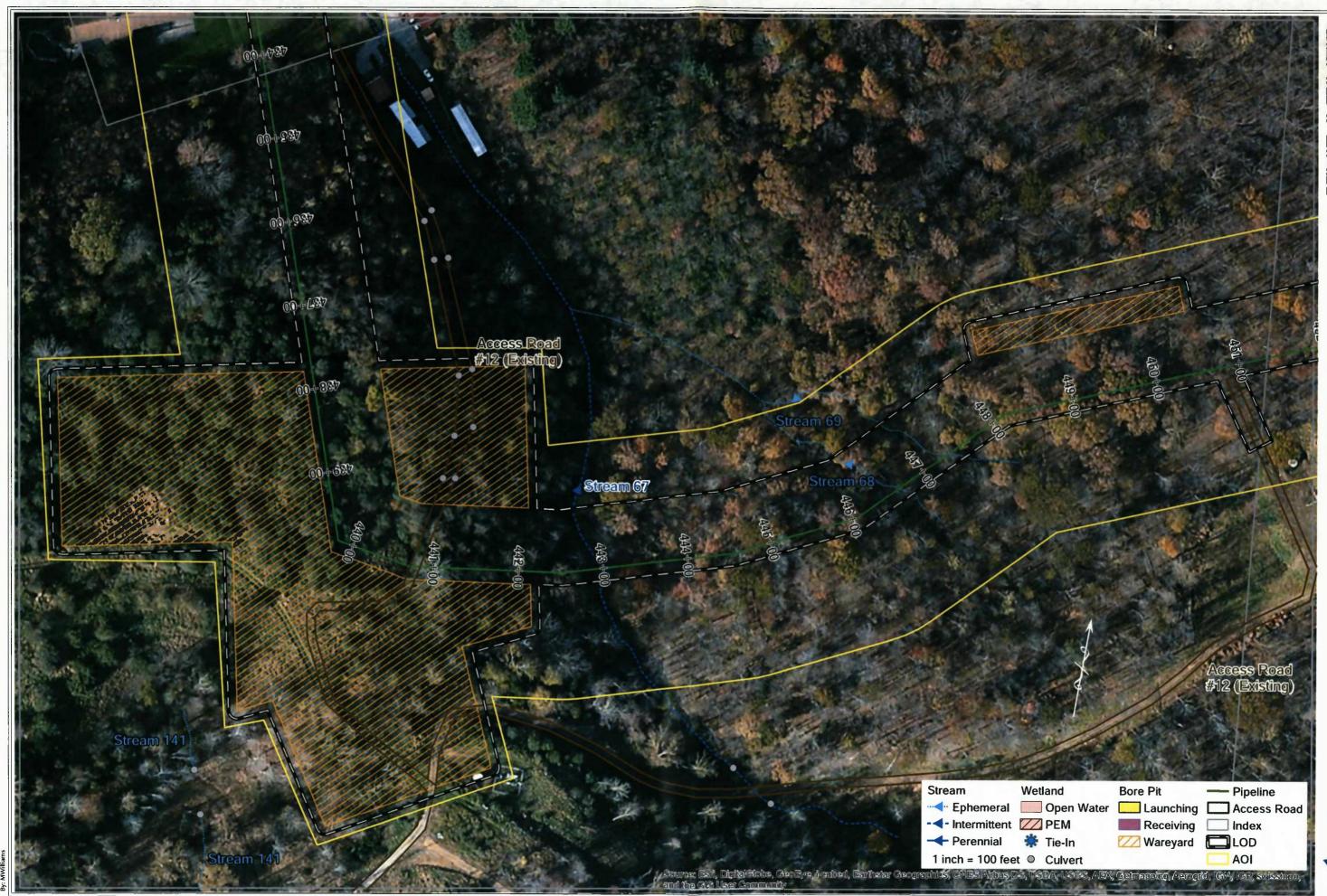




Figure 2.27: Potentially Jurisdictional Features
West End Connector Pipeline
Doddridge County - West Virginia

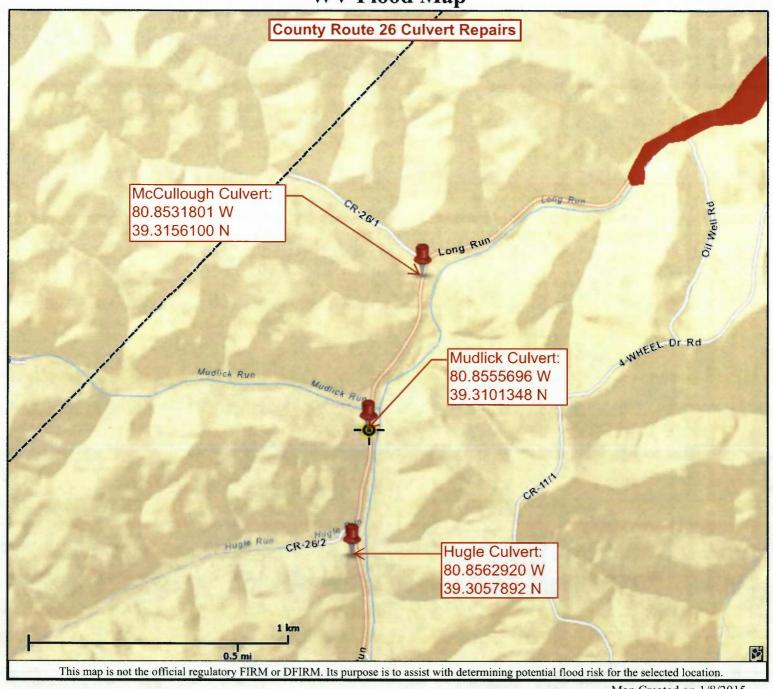
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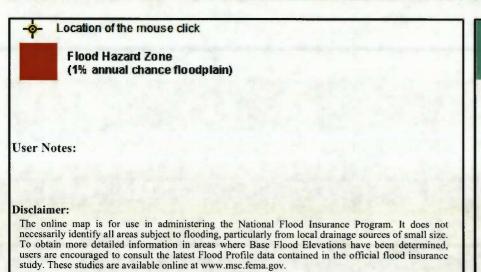


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Figure 2.28: Potentially Jurisdictional Features
West End Connector Pipeline

WV Flood Map





WV Flood Tool is supported by FEMA, WV NFIP Office, and WV GIS Technical Center

(http://www.MapWV.gov/flood)

## Map Created on 1/8/2015

Elevation: About 801 feet

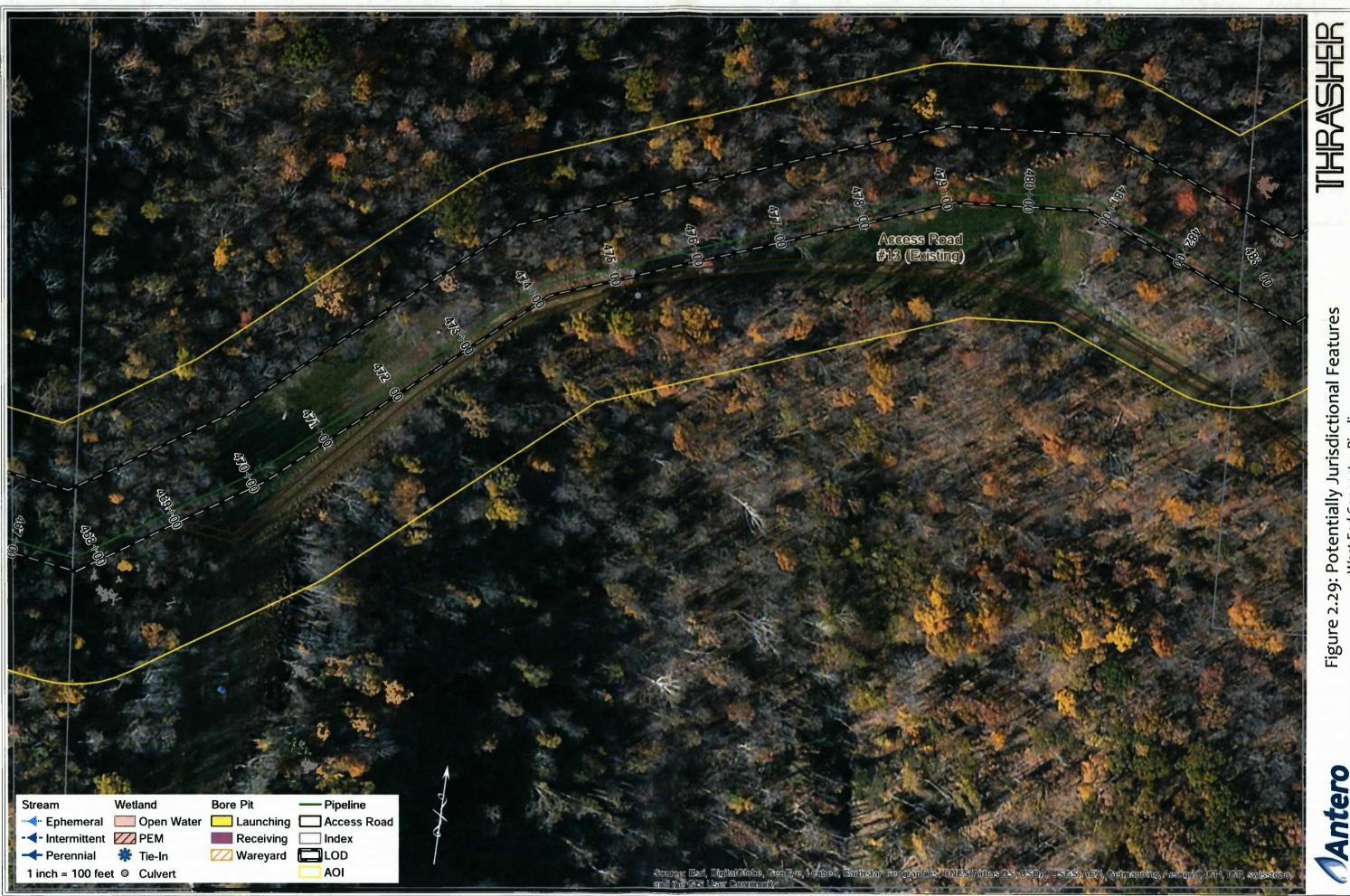
Flood Hazard Area:

Location (long-led) 30.855568 W, 39.309704 N

Location (UTM 17N): (512452, 4351156) FEMA Issued Flood Map: 54017C0115C

Contacts: Doddridge County CRS Information: N/A

Parcel Number:



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Jurisdictional Features Figure 2.29: Potentially West End Conr