



625 Liberty Avenue, Suite 1700 | Pittsburgh, PA 15222
844-MVP-TALK | mail@mountainvalleypipeline.info
www.mountainvalleypipeline.info

January 5, 2018

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Re: Mountain Valley Pipeline, LLC
Docket No. CP16-10-000
Responses to Data Requests


Dear Ms. Bose:

On December 26, 2017, the Office of Energy Projects of the Federal Energy Regulatory Commission issued data requests to Mountain Valley Pipeline, LLC. In this filing, Mountain Valley submits responses to the requests as well as verifications from the respondents.

Attachment PCDR1 General 5 includes privileged information. Mountain Valley requests that, pursuant to 18 C.F.R. § 388.112, the Commission treat the privileged information as non-public. Mountain Valley has marked the attachment "CUI//PRIV – DO NOT RELEASE". The person to be contacted regarding the request to treat these materials as non-public is Paul Diehl, (412) 395-5540 or pdiehl@eqt.com.

If you have any questions, please do not hesitate to contact me at (412) 553-5786 or meggerding@eqt.com. Thank you.

Respectfully submitted,
MOUNTAIN VALLEY PIPELINE, LLC
by and through its operator,
EQM Gathering Opco, LLC

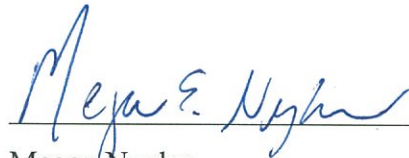
By: 
Matthew Eggerding
Counsel, Midstream

Attachments

cc: All Parties
Paul Friedman, OEP
Lavinia DiSanto, Cardno, Inc.
Doug Mooneyhan, Cardno, Inc.


VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Megan Neylon, being duly sworn, upon her oath says that she is Permitting Supervisor for the Mountain Valley Pipeline Project; that she is an authorized representative of Mountain Valley Pipeline, LLC; that she has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of her knowledge, information and belief; and that she has full power and authority to prepare the responses and execute this verification.

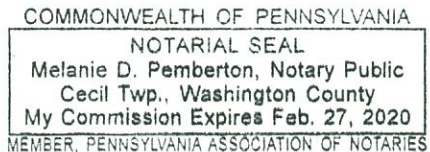


Megan Neylon
Permitting Supervisor

Subscribed and sworn before me this 4th day of January 2018.



Notary Public



VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Brian Clauto, being duly sworn, upon his oath says that he is Senior Environmental Coordinator for the Mountain Valley Pipeline Project; that he is an authorized representative of Mountain Valley Pipeline, LLC; that he has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the responses and execute this verification.

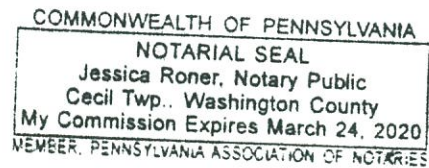


Brian Clauto
Senior Environmental Coordinator

Subscribed and sworn before me this 4th day of January 2018.



Notary Public



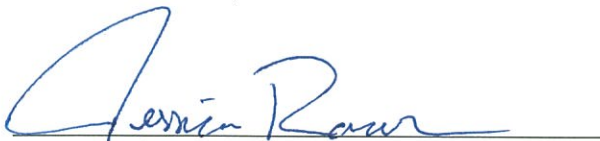
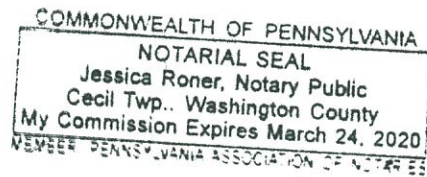
VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Megan Stahl, being duly sworn, upon her oath says that she is Permitting Supervisor for the Mountain Valley Pipeline Project; that she is an authorized representative of Mountain Valley Pipeline, LLC; that she has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of her knowledge, information and belief; and that she has full power and authority to prepare the responses and execute this verification.



Megan Stahl
Permitting Supervisor

Subscribed and sworn before me this 4th day of January 2018.



Notary Public

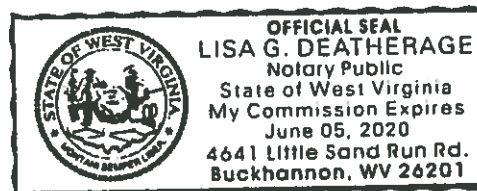
VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Kevin Wagner, being duly sworn, upon his oath says that he is Regional Land Director for the Mountain Valley Pipeline Project; that he is an authorized representative of Mountain Valley Pipeline, LLC; that he has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the responses and execute this verification.


Kevin Wagner
Regional Land Director

Subscribed and sworn before me this 4th day of January 2018.


Notary Public



VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Ricky Myers, being duly sworn, upon his oath says that he is Engineering Manager for the Mountain Valley Pipeline Project; that he is an authorized representative of Mountain Valley Pipeline, LLC; that he has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the responses and execute this verification.

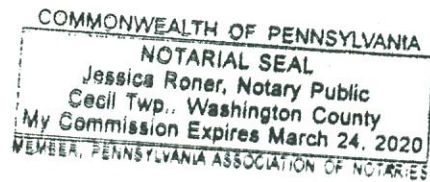


Ricky Myers
Engineering Manager

Subscribed and sworn before me this 4th day of January 2018.

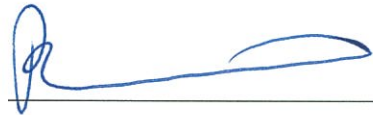


Notary Public



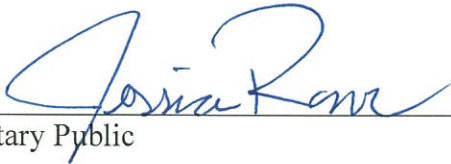
VERIFICATION

Pursuant to Rule 2005 of the Rules of Practice and Procedure of the Federal Energy Regulatory Commission ("Commission"), 18 C.F.R. § 385.2005, Philip Veneziano, being duly sworn, upon his oath says that he is Permit Engineering Manager for the Mountain Valley Pipeline Project; that he is an authorized representative of Mountain Valley Pipeline, LLC; that he has read and is familiar with the foregoing responses to the Commission's December 26, 2017 data request in Docket No. CP16-10-000; that the contents of the responses are true and correct to the best of his knowledge, information and belief; and that he has full power and authority to prepare the responses and execute this verification.

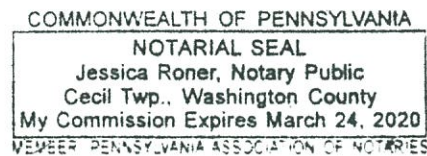


Philip Veneziano
Permit Engineering Manager

Subscribed and sworn before me this 4th day of January 2018.



Notary Public



**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

1. As required by Environmental Condition 27 in Appendix C of the Commission's October 13, 2017 Order authorizing the Mountain Valley Project (MVP), provide copies of agency correspondence (to and from the U.S. Fish and Wildlife Service, West Virginia Department of Natural Resources, and Virginia Department of Game and Inland Fisheries) documenting acceptance of Mountain Valley's final Migratory Bird Conservation Plan.

Response:

As required by Environmental Condition 27, Mountain Valley prepared its final Migratory Bird Conservation Plan in coordination with the U.S. Fish and Wildlife Service (FWS), West Virginia Department of Natural Resources (WVDNR), and the Virginia Department of Game and Inland Fisheries (VDGIF). FWS accepted the final Migratory Bird Conservation Plan in its letter dated September 8, 2017. With regard to WVDNR and VDGIF, Attachment C to the final Migratory Bird Conservation Plan provides all agency correspondence on migratory birds through the end of 2016. Correspondence in 2017 is summarized below.

- VDGIF:
 - 5/4/17 Mountain Valley, FWS, and VDGIF participated in a conference call to discuss the migratory bird plan;
 - 5/4/17 VDGIF provided follow up information regarding loggerhead shrike survey protocols; and
 - 5/16/17 Mountain Valley mailed a hard copy of the final Migratory Bird Conservation Plan to VDGIF.
- WVDNR:
 - 1/23/17 Mountain Valley called WVDNR to discuss its general approach to upland forest/migratory bird mitigation plan, and discussed setting up a meeting to discuss mitigation;
 - 2/7/17 Mountain Valley met with WVDNR to discuss migratory bird and bat mitigation;
 - 3/15/17 Mountain Valley met with WVDNR to present proposed migratory bird and bat mitigation;
 - 3/21/17 WVDNR provided comments on the proposed migratory bird and bat mitigation during phone call;
 - 5/10/17 WVDNR provided comments on the migratory bird plan by email;

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- 5/11/17 Mountain Valley emailed a copy of the Habitat Mitigation Plan to WVDNR;
- 5/16/17 Mountain Valley mailed a hard copy of the final Migratory Bird Conservation Plan to WVDNR;
- 5/19/17 Mountain Valley emailed a copy of the final Migratory Bird Conservation Plan to WVDNR; and
- 9/7/17 Mountain Valley emailed a copy of the Upland Forest Habitat Assessment and Voluntary Mitigation Plan (filed 9/1/17) to WVDNR, in response to comments provided by WVDNR on migratory bird and bat mitigation.

Respondent: Megan Stahl
Position: Permitting Supervisor
Phone Number: (412) 553-7783
Date: January 5, 2018

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

2. As required by Environmental Condition 32 in Appendix C of the Commission's October 13, 2017 Order for the MVP, provide a copy of Mountain Valley's Crossing Plan for The Nature Conservancy Property. In addition, document that a copy of the crossing plan, not just shapefiles, was provided to The Nature Conservancy for review, and file any comments on the plan from The Nature Conservancy.

Response:

As noted on page 4-320 of the FEIS, Mountain Valley filed its crossing plan for The Nature Conservancy property with FERC on April 21, 2016. Mountain Valley believes it sent the crossing plan directly to The Nature Conservancy subsequent to filing, but is unable to verify its records at this time. Regardless, Mountain Valley served the crossing plan and other public documents filed on that date on all intervenors, including The Nature Conservancy. Further, subsequent to Mountain Valley's filing of the crossing plan and service on all intervenors, The Nature Conservancy filed at least three comments on the crossing (December 19, 2016; December 22, 2016; October 6, 2017). The FEIS discusses The Nature Conservancy's filed comments on the crossing and addressed alternatives to the crossing (see, e.g., pages 3-76 through 3-83 and 4-319 through 4-320).

Respondent: Philip Veneziano
Position: Permit Engineering Manager
Phone Number: (412) 395-3137
Date: January 5, 2018

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

3. In response to a comment from the U.S. Environmental Protection Agency (EPA), revise the *Acid Forming Materials Identification and Mitigation Plan* to identify and mitigate areas where waterbodies of reduced pH overlap with areas of known acid forming materials.

Response:

Mountain Valley reviewed the Virginia Department of Environmental Quality Final 2014 305(b)/303(d) Water Quality Assessment Integrated Report, which identifies mapped acid forming materials (AFM) as well as pH-impaired waterbodies in Virginia. There are no pH-impaired streams crossed by the Project within mapped AFM areas. Overall, land disturbance associated with construction will be short in duration, which will reduce the potential for acid run-off conditions to form. In addition, the mitigation measures specified in Mountain Valley's Acid Forming Materials Identification and Mitigation Plan (Mitigation Plan) will decrease the potential development of acid-forming conditions during construction and restoration. Mountain Valley will segregate topsoil from trench spoil during construction activities and treat excavated unweathered subsoil and rock (including ditch walls) with lime following excavation to minimize potential to form acidic conditions in accordance with specifications contained in the Mitigation Plan. Mountain Valley has identified locations where AFM areas are crossed by the Project on the erosion and sediment control (ESC) as well as stormwater management (SWM) plans. Project-specific best management practices are designed to protect existing water resources during construction and operation, including from the possibility of acid-runoff conditions. As a result, Mountain Valley anticipates no impact to waterbodies from Project activities in AFM areas.

Respondent: Brian Clauto
Position: Senior Environmental Coordinator
Phone Number: (724) 873-3465
Date: January 5, 2018

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Mountain Valley Pipeline Project
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**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

4. Provide a version of the *Water Resources Identification and Testing Plan* (Attachment IP-21) which highlights changes that were made since it was last provided to the Commission.

Response:

Prior to filing its October 2017 version of the Water Resources Identification and Testing Plan (Plan), Mountain Valley last filed the Plan in February 2017. Attached as Attachment PCDR1 General 4 is a version of the Plan that highlights changes from February 2017 to October 2017 in red.

Respondent: Brian Clauto
Position: Senior Environmental Coordinator
Phone Number: (724) 873-3465
Date: January 5, 2018

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

5. Provide updated landowner lists for Variation 250 and the new route realignment for the horizontal directional drill (HDD) under the Pigg River.

Response:

Landowner lists for Variation 250 and the Pigg River HDD are attached as Attachment PCDR1 General 5 (PRIVILEGED).

Respondent: Kevin Wagner
Position: Regional Land Director
Phone Number: (304) 627-6431
Date: January 5, 2018

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

General

6. Provide a copy of U.S. Geological Survey 7.5-minute topographic quadrangle maps illustrating the new pipeline route realignment for the HDD under the Pigg River.

Response:

A copy of the U.S. Geological Survey 7.5-minute Topographic Quadrangle Map for the Pigg River HDD is attached as Attachment PCDR1 General 6.

Respondent: Ricky Myers
Position: Engineering Manager
Phone Number: (724) 873-3640
Date: January 5, 2018

Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000

Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017

Cultural Resources

1. Provide copies of reviews by the Virginia Department of Historic Resources (VADHR), representing the State Historic Preservation Office (SHPO), of the following cultural resources reports previously filed with FERC; or if VADHR comments on any of the reports listed below were previously filed by Mountain Valley provide the filing date and accession number:
 - Tetra Tech. July 2016. Mountain Valley Pipeline Project, Testing (Phase II) Work Plans, Pittsylvania, Franklin, Roanoke, Montgomery, and Giles Counties, Virginia, (Tetra Tech, Morris Plains, NJ);
 - Reeve et al. August 2016. Mountain Valley Pipeline Project, Phase I Archaeological Investigation in Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia (Tetra Tech, Morris Plains, NJ);
 - Reeve et al, November 2016, Mountain Valley Pipeline Project, Phase I Archaeological Investigations in Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia (Tetra Tech, Parsippany, NJ);
 - Reeve et al. January 2017. Mountain Valley Pipeline Project, Phase IB Archaeological Survey Report, Addendum 1, Roanoke and Montgomery Counties, Virginia (Tetra Tech, Parsippany, NJ);
 - Maskevich, et al., January 2017. Mountain Valley Pipeline Project, Phase I Archaeological Investigation, MVP Alternative 3 in National Park Service-Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia (Tetra Tech, Parsippany, NJ);
 - Reeve et al. January 2017. Mountain Valley Pipeline Project, Phase IB Addendum 1 Archaeological Survey, and Phase II Evaluations of Sites 44GS0227, 44GS0229, 44GS0230, 44GS0231, and 44GS0236, Giles County, Virginia (Tetra Tech, Parsippany, NJ);
 - Reeve et al., February 2017. Mountain Valley Pipeline Project, Phase II Archaeological Evaluations, Sites BLR100231 (44RN383) and BLR100233 (44FR402), in National Park Service-Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia (Tetra Tech, Parsippany, NJ);

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- Jacoby and Marshall, February 2017. Mountain Valley Project, Avoidance Plans for 19 Archaeological Sites and Rock Overhands, Craig, Franklin, Giles, Montgomery, and Pittsylvania Counties, Virginia (Tetra Tech, Parsippany, NJ);
- Clement et al. 22 June 2017. Jefferson National Forest, ARPA Permit BBW43304T, Cultural Resources Survey, Mountain Valley Project, Phase II Investigations, Sites GS0238, 44GS0240, 44GS0241, 44GS0242, 44GS0243, 44GS0244, 44GS0247, 44GS025, 44MY0577, and 035-5134, Giles and Montgomery Counties, Virginia (Search, Boston);
- Reeve et al. June 2017. Mountain Valley Pipeline Project, Phase I Archaeological Survey, and Phase II Archaeological Evaluation, Site 44FR0370, Franklin County, Virginia (Tetra Tech, Parsippany, NJ);
- Tetra Tech. June 2017. Mountain Valley Pipeline Project, Site 44FR0370 Avoidance Plan and Contingency Treatment Plan, Franklin County, Virginia (Tetra Tech, Parsippany, NJ);
- Tetra Tech. June 2017. Mountain Valley Pipeline Project, Sites 44RN0400 and 44RN0401 Treatment Plan, Roanoke County, Virginia (Tetra Tech, Parsippany, NJ);
- Maskevich, A. & S, Marshall. July 2017. Mountain Valley Pipeline Project, Phase I Archaeological Survey Report of Tract VA-RO-54, Roanoke County, Virginia (Tetra Tech, Parsippany, NJ);
- Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, Big Stony Creek Historic District (035-5127) (Tetra Tech, Parsippany, NJ);
- Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, Greater Newport Rural Historic District (035-0412) (Tetra Tech, Parsippany, NJ);
- Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, North Fork Valley Rural Historic District (060-0574) (Tetra Tech, Parsippany, NJ);

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Response to Post Order Environmental Information Request
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- Neylon, M. 25 August 2017. Letter to Virginia Department of Historic Resources Regarding Mountain Valley Pipeline Project Criteria of Effects Report, Giles, Craig, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia (Mountain Valley, Pittsburgh);
- Maskevich, A. & S. Marshall, December 2017. Mountain Valley Pipeline Project, Phase 1B Combined County Archaeological Survey Report, Addendum III, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia (Tetra Tech, Parsippany, NJ);
- Maskevich, A. & S. Marshall, December 2017. Mountain Valley Pipeline Project, Site 44RN0408 Phase I Archaeological Survey Report, Including an Avoidance Plan and Contingency Treatment Plan, Roanoke County, Virginia (Tetra Tech, Parsippany, NJ);
- Tetra Tech, December 2017. Mountain Valley Pipeline Project, Site 44FR0372 Avoidance Plan and Contingency Treatment Plan. Franklin County, Virginia (Tetra Tech, Parsippany, NJ);
- Tetra Tech, December 2017. Mountain Valley Project, Historic Property Treatment Plan, Bent Mountain Rural Historic District (080-0322), Bent Mountain Apple Orchard Rural Historic District (080-5731) and Coles-Terry Rural Historic District (080-5689) (Tetra Tech, Parsippany, NJ);
- Dye et al., December 2017. Mountain Valley Pipeline Project, Phase I Historic Architectural Survey, Supplemental Information (Tetra Tech, Parsippany, NJ);
- Clauto, B. 20 December 2017. “Mountain Valley Pipeline Project, Avoidance Plans for DHR#s 035-5101, 080-5677-0008, 033-5398.” Letter from Mountain Valley to VADHR;
- Clauto, B. 20 December 2017. “Mountain Valley Pipeline Project, Criteria of Effects Report, Giles, Craig, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia (May 2017).” Letter from Mountain Valley to VADHR;

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- Clauto, B. 20 December 2017. “Mountain Valley Pipeline Project, Transmittal of Avoidance Plan, Resource 071-5525.” Letter from Mountain Valley to VADHR; and
- Clauto, B. 20 December 2017. “Mountain Valley Pipeline Project, Proposed MVP-LY-044 – Documentation of Prior Disturbance.” Letter from Mountain Valley to VADHR.

Response:

A summary of the VADHR reviews of MVP Reports is provided in Table 1.1. Accession numbers are provided for previously-filed VADHR review letters. VADHR review letters that were not previously filed are included as Attachment PCDR1 Cultural 1. Table 1.2 lists MVP reports related to work in Virginia that have been provided to VADHR but for which reviews are pending.

Table 1.1					
Summary of Completed VADHR Reviews of MVP Reports					
Report Title	Date Submitted to SHPO	Date of SHPO Review Letter	FERC Filing Date	FERC Accession #	Attachment ID
<i>Reeve et al. August 2016. Mountain Valley Pipeline Project, Phase I Archaeological Investigation in Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia</i>	Provided by NPS to SHPO for review (Submission Date Unknown)	November 7, 2017 ¹	-	-	Attachment PCDR1 Cultural 1
<i>Reeve et al, November 2016, Mountain Valley Pipeline Project, Phase I Archaeological Investigations in Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia</i>	Provided by NPS to SHPO for review (Submission Date Unknown)	November 7, 2017 ¹	-	-	Attachment PCDR1 Cultural 1
<i>Maskevich, et al., January 2017. Mountain Valley Pipeline Project, Phase I Archaeological Investigation, MVP Alternative 3 in National Park Service-Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia</i>	Provided by NPS to SHPO for review (Submission Date Unknown)	November 7, 2017 ¹	-	-	Attachment PCDR1 Cultural 1

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
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**Response to Post Order Environmental Information Request
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Summary of Completed VADHR Reviews of MVP Reports					
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<i>Reeve et al., February 2017. Mountain Valley Pipeline Project, Phase II Archaeological Evaluations, Sites BLR100231 (44RN383) and BLR100233 (44FR402), in National Park Service-Blue Ridge Parkway, Roanoke and Franklin Counties, Virginia</i>	Provided by NPS to SHPO for review (Submission Date Unknown)	November 7, 2017 ¹	-	-	Attachment PCDR1 Cultural 1
<i>Clement et al. 22 June 2017. Jefferson National Forest, ARPA Permit BBW43304T, Cultural Resources Survey, Mountain Valley Project, Phase II Investigations, Sites GS0238, 44GS0240, 44GS0241, 44GS0242, 44GS0243, 44GS0244, 44GS0247, 44GS025, 44MY0577, and 035-5134, Giles and Montgomery Counties, Virginia</i>	Provided by NPS to SHPO for review (Submission Date Unknown)	October 24, 2017	November 1, 2017	20171101-5042	-
<i>Reeve et al. June 2017. Mountain Valley Pipeline Project, Phase I Archaeological Survey, and Phase II Archaeological Evaluation, Site 44FR0370, Franklin County, Virginia</i>	June 30, 2017	October 27, 2017	November 1, 2017	-20171101-5042	-
<i>Tetra Tech. June 2017. Mountain Valley Pipeline Project, Site 44FR0370 Avoidance Plan and Contingency Treatment Plan, Franklin County, Virginia</i>	June 30, 2017	October 27, 2017	November 1, 2017	20171101-5042	-

¹ The November 7, 2017 letter from VADHR to NPS states that “no further archaeological investigations are warranted in connection with this project as presently designed.” Mountain Valley does not have copies of the August 14, 2017 and October 23, 2017 letters referenced VADHR’s November 7, 2017, letter.

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

Table 1.2	
Summary of Pending VADHR Reviews of MVP Reports	
Report Title	Date Submitted to SHPO
<i>Tetra Tech. July 2016. Mountain Valley Pipeline Project, Testing (Phase II) Work Plans, Pittsylvania, Franklin, Roanoke, Montgomery, and Giles Counties, Virginia</i>	August 9, 2016
<i>Reeve et al. January 2017. Mountain Valley Pipeline Project, Phase IB Archaeological Survey Report, Addendum 1, Roanoke and Montgomery Counties, Virginia</i>	January 16, 2017
<i>Jacoby and Marshall, February 2017. Mountain Valley Project, Avoidance Plans for 19 Archaeological Sites and Rock Overhands, Craig, Franklin, Giles, Montgomery, and Pittsylvania Counties, Virginia</i>	February 17, 2017
<i>Tetra Tech. June 2017. Mountain Valley Pipeline Project, Sites 44RN0400 and 44RN0401 Treatment Plan, Roanoke County, Virginia</i>	July 5, 2017
<i>Maskevich, A. & S. Marshall. July 2017. Mountain Valley Pipeline Project, Phase I Archaeological Survey Report of Tract VA-RO-54, Roanoke County, Virginia</i>	July 5, 2017
<i>Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, Big Stony Creek Historic District (035-5127)</i>	August 25, 2017
<i>Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, Greater Newport Rural Historic District (035-0412)</i>	August 25, 2017
<i>Tetra Tech. August 2017. Mountain Valley Project, Historic Property Treatment Plan, North Fork Valley Rural Historic District (060-0574)</i>	August 25, 2017
<i>Neylon, M. 25 August 2017. Letter to Virginia Department of Historic Resources Regarding Mountain Valley Pipeline Project Criteria of Effects Report, Giles, Craig, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia</i>	August 25, 2017
<i>Maskevich, A. & S. Marshall, December 2017. Mountain Valley Pipeline Project, Phase 1B Combined County Archaeological Survey Report, Addendum III, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia</i>	December 20, 2017
<i>Maskevich, A. & S. Marshall, December 2017. Mountain Valley Pipeline Project, Site 44RN0408 Phase I Archaeological Survey Report, Including an Avoidance Plan and Contingency Treatment Plan, Roanoke County, Virginia</i>	December 20, 2017
<i>Tetra Tech, December 2017. Mountain Valley Pipeline Project, Site 44FR0372 Avoidance Plan and Contingency Treatment Plan. Franklin County, Virginia</i>	December 20, 2017
<i>Tetra Tech, December 2017. Mountain Valley Project, Historic Property Treatment Plan, Bent Mountain Rural Historic District (080-0322), Bent Mountain Apple Orchard Rural Historic District (080-5731) and Coles-Terry Rural Historic District (080-5689)</i>	December 20, 2017
<i>Dye et al., December 2017. Mountain Valley Pipeline Project, Phase I Historic Architectural Survey, Supplemental Information</i>	December 20, 2017
<i>Clauto, B. 20 December 2017. "Mountain Valley Pipeline Project, Avoidance Plans for DHR#s 035-5101, 080-5677-0008, 033-5398." Letter from Mountain Valley to VADHR</i>	December 20, 2017
<i>Clauto, B. 20 December 2017. "Mountain Valley Pipeline Project, Criteria of Effects Report, Giles, Craig, Montgomery, Roanoke, Franklin, and Pittsylvania Counties, Virginia (May 2017)." Letter from Mountain Valley to VADHR</i>	December 20, 2017

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Mountain Valley Pipeline Project
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**Response to Post Order Environmental Information Request
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Table 1.2	
Summary of Pending VADHR Reviews of MVP Reports	
Report Title	Date Submitted to SHPO
<i>Clauto, B. 20 December 2017. "Mountain Valley Pipeline Project, Transmittal of Avoidance Plan, Resource 071-5525." Letter from Mountain Valley to VADHR</i>	December 20, 2017
<i>Clauto, B. 20 December 2017. "Mountain Valley Pipeline Project, Proposed MVP-LY-044 – Documentation of Prior Disturbance." Letter from Mountain Valley to VADHR</i>	December 20, 2017

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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Cultural Resources

2. Provide copies of reviews by the West Virginia Division of Culture and Historic (WVDCH), representing the SHPO, of the following cultural resources reports previously filed with the FERC; or if WVDCH comments on any of the reports listed below were previously filed by Mountain Valley provide the filing date and accession number:
- Espino et al. September 2017. Mountain Valley Pipeline Project, Cultural Resources Survey, Addendum 4 to Volume IV, Summers and Monroe Counties, West Virginia (Tetra Tech, Pittsburgh); and
 - Barse et al. September 2017. Mountain Valley Pipeline Project, Phase II Archaeological Investigations, Site 46GB540, Greenbrier County, West Virginia (Tetra Tech, Pittsburgh)
 - Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, Cunningham Farmstead (Losch Farmstead BX-0351) (Tetra Tech, Pittsburgh);
 - Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, St. Bernard’s Church and Cemetery (NR#85001583) (Tetra Tech, Pittsburgh);
 - Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, Underwood Farmstead (LE-0150) (Tetra Tech, Pittsburgh);
 - Espino et al. December 2017. Addendum 3 to Volume 1, Cultural Resources Survey, Mountain Valley Pipeline Project, Wetzel, Harrison, Doddridge, and Lewis Counties, West Virginia (Tetra Tech, Pittsburgh);
 - Hoover, M. 20 December 2017. “Mountain Valley Pipeline Project, Cultural Resources Survey, Avoidance Plan for 46HS111, Harrison County, West Virginia.” Letter from Mountain Valley to WVDCH;
 - Espino et al., December 2017. Addendum 3 to Volume III, Cultural Resources Survey, Mountain Valley Pipeline Project, Tracts BWGR-027 and WV-GR-045.05, Greenbrier County, West Virginia (Tetra Tech, Pittsburgh); and

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- Espino et al., December 2017. Mountain Valley Pipeline Project, Addendum 6 to Volume IV, Cultural Resources Survey, Tracts WV-MO-5932, WV-MO-5933, and WV-MO-5934, Monroe County, West Virginia (Tetra Tech, Pittsburgh).

Response:

Table 2.1 below summarizes the status of the WVDCH reviews for cultural resources reports previously filed with FERC. WVDCH comments that were previously filed are noted. Pending comments will be filed with the FERC when received.

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Table 2.1				
Status of WVDCH Reviews of Cultural Resources Reports Previously Filed with the FERC				
Report Title	Date Submitted to SHPO	Date of SHPO Review Letter	FERC Filing Date	FERC Accession #
<i>Espino et al. September 2017. Mountain Valley Pipeline Project, Cultural Resources Survey, Addendum 4 to Volume IV, Summers and Monroe Counties, West Virginia (Tetra Tech, Pittsburgh)</i>	September 15, 2017	October 23, 2017	November 1, 2017	20171101-5042
<i>Barse et al. September 2017. Mountain Valley Pipeline Project, Phase II Archaeological Investigations, Site 46GB540, Greenbrier County, West Virginia (Tetra Tech, Pittsburgh)</i>	September 15, 2017	October 17, 2017	November 1, 2017	20171101-5042
<i>Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, Cunningham Farmstead (Losch Farmstead BX-0351) (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-
<i>Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, St. Bernard's Church and Cemetery (NR#85001583) (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-
<i>Tetra Tech, December 2017. Mountain Valley Project, Revised Historic Property Treatment Plan, Underwood Farmstead (LE-0150) (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-
<i>Espino et al. December 2017. Addendum 3 to Volume 1, Cultural Resources Survey, Mountain Valley Pipeline Project, Wetzel, Harrison, Doddridge, and Lewis Counties, West Virginia (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-
<i>Hoover, M. 20 December 2017. "Mountain Valley Pipeline Project, Cultural Resources Survey, Avoidance Plan for 46HS111, Harrison County, West Virginia." Letter from Mountain Valley to WVDCH</i>	December 22, 2017	-	-	-
<i>Espino et al., December 2017. Addendum 3 to Volume III, Cultural Resources Survey, Mountain Valley Pipeline Project, Tracts BWGR-027 and WV-GR-045.05, Greenbrier County, West Virginia (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-
<i>Espino et al., December 2017. Mountain Valley Pipeline Project, Addendum 6 to Volume IV, Cultural Resources Survey, Tracts WV-MO-5932, WV-MO-5933, and WV-MO-5934, Monroe County, West Virginia (Tetra Tech, Pittsburgh)</i>	December 22, 2017	-	-	-

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Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
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Cultural Resources

3. Provide a copy of the inventory form for the Bent Mountain Apple Orchard Rural Historic District (DHR ID no. 80-5731), and a 7.5-minute USGS topographic map showing the district boundary in relation to the MVP pipeline centerline and ancillary proposed facilities (including access roads), together with an assessment of project-related effects conducted by an independent professional historian/archaeologist. Document that the effects assessment for the Bent Mountain Apple Orchard Rural Historic District was sent to Ann Rodgers and the VADHR for review, and file their comments on the report.

Response:

As discussed below, because the VADHR has already commented that the proposed undertaking adversely impacts the Bent Mountain Apple Orchard Rural Historic District and Mountain Valley has already developed and circulated a Treatment Plan, an additional effects assessment for the Bent Mountain Apple Orchard Rural Historic District is not necessary or warranted.

On June 1, 2017, subsequent to Mountain Valley's submittal of the Criteria of Effects Report (May 2017), VADHR's National Register Evaluation Committee (Committee) met to evaluate the proposed 835-acre Bent Mountain Apple Orchard Rural Historic District (VADHR ID# 080-5731) as documented in the March 10, 2017, Preliminary Information Form (PIF) completed and submitted to VADHR by Ann Rogers of Preserve Roanoke. The PIF comprises an inventory of structures, buildings, and landscape features potentially contributing to the district, as identified by Ms. Rogers. A copy of the PIF for the Bent Mountain Apple Orchard Rural Historic District is provided as Attachment PCDR1 Cultural 3a. The Committee deferred making a recommendation pending receipt of additional information about the agricultural landscape and outbuildings associated with commercial orchard operations. In September 2017, additional documentation was submitted by Ms. Rogers for the proposed Bent Mountain Apple Orchard Rural Historic District (Attachment PCDR1 Cultural 3b). This information superseded the March 2017 PIF and included the addition of the word "Apple" to the proposed district's name and slightly different boundaries than originally proposed (approximately 870 acres).

The potentially contributing resources within the district identified by Mountain Valley during the Phase I historic architecture survey for the project (Master List resources) and the additional resources identified on the PIF are depicted on a map provided as Attachment PCDR1 Cultural 3c. Mountain Valley will avoid direct impacts on all identified potentially contributing historic resources as summarized in Table Cultural 3 below.

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Table Cultural 3					
Potential Contributing Resources within the Bent Mountain Apple Orchard Rural Historic District (080-5731)					
Resource Name	VADHR ID	Nearest IP Mile Post	Nearest Project Feature	Distance to Nearest Project Feature (approx. ft.)	Distance to Centerline (approx. ft.)
William Hale frame house (Homestead remnant/ruins)	Not yet assigned	245.2	ACCESS ROAD - TEMPORARY WORK SPACE	12	1654
Edith Hale and Bill Hall House	Not yet assigned	245.3	ACCESS ROAD - TEMPORARY WORK SPACE	114	267
Willet (Vest) House	Not yet assigned	244.5	ACCESS ROAD - TEMPORARY WORK SPACE	123	468
Cabin (Hale Cabin remnant/ruins)	080-5677-0006	245.2	TEMPORARY WORKSPACE LIMITS-PIPELINE	40	81
House	080-5677-0001	244.9	TEMPORARY WORKSPACE LIMITS-PIPELINE	2976	3069
Logan Place Farm	080-0495	244.9	TEMPORARY WORKSPACE LIMITS-PIPELINE	1516	1610
House	080-0494	244.6	TEMPORARY WORKSPACE LIMITS-PIPELINE	2082	2156
House (Tazewell Price Home, Les Landes)	080-0487	245.3	ATWS	426	1882
Service Station	080-5654	245.9	ACCESS ROAD - TEMPORARY WORK SPACE	518	2399
Lawrence Cemetery	080-5326	244.1	ACCESS ROAD - TEMPORARY WORK SPACE	1304	2455
House	080-5669	244.1	ACCESS ROAD - TEMPORARY WORK SPACE	1756	2915
Conner Cemetery	080-5148	246	ACCESS ROAD - TEMPORARY WORK SPACE	331	4302
Henry-Gregory House	080-5677-0008	244.1	ACCESS ROAD - TEMPORARY WORK SPACE	50	1001

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A 7.5-minute USGS topographic map showing the proposed district boundary in relation to the Mountain Valley pipeline centerline and ancillary facilities (including access roads) is provided as Attachment PCDR1 Cultural 3d. The boundary shown on these maps for the proposed district reflects the boundary in the September 2017 submittal by Ann Rogers to VADHR.

On October 12, 2017, the Committee found that the Bent Mountain Apple Orchard Rural Historic District is NRHP-eligible. In a letter dated November 8, 2017, provided as Attachment PCDR1 Cultural 3e, VADHR recommended that:

...the FERC individually recognize [Bent Mountain Apple Orchard Rural Historic District] as an historic property and, as with the Bent Mountain RHD, find that the Bent Mountain [Apple] Orchard RHD will be adversely affected by this undertaking.

Prior to VADHR's November 8, 2017 letter, Mountain Valley coordinated with consulting parties and other stakeholders to identify mitigation measures appropriate to address VADHR's finding of potential adverse effects to the larger Bent Mountain Rural Historic District. As a result, Mountain Valley provided a draft Treatment Plan to the FERC (accession no. 20170828-5002), VADHR, Ann Rogers, and Roanoke County Board of Supervisors on August 25, 2017, to address the adverse impact on the larger district.

In response to the initial Treatment Plan, Ann Rogers of Preserve Roanoke proposed in a letter dated September 19, 2017 (accession no. 20171221-5025), that the Treatment Plan be revised to also include a nomination for the more recently identified Bent Mountain Apple Orchard Rural Historic District. As noted above, VADHR provided its comments on the draft Treatment Plan in a letter dated November 8, 2017. In that letter, VADHR supported the preparation of nominations to the NRHP for the Bent Mountain Apple Orchard and Coles-Terry Rural Historic Districts and the preparation of a PIF for the Bent Mountain Rural Historic District.

The requested revisions proposed by Ann Rogers and VADHR were incorporated into Section 4.3 of a revised Treatment Plan (December 2017) for the three overlapping rural historic districts (Bent Mountain, Bent Mountain Apple Orchard, and Coles-Terry), copies of which were provided to the VADHR, Roanoke County, and Ann Rogers on December 20, 2017, and filed with the FERC (accession no. 20171221-5025) on December 20, 2017. A copy of the revised Treatment Plan has also been provided directly to Ms. Grace Terry on January 5, 2018. To date, Mountain Valley has not received any comments on the revised Treatment Plan.

Because the VADHR has already commented that the proposed undertaking adversely impacts the Bent Mountain Apple Orchard Rural Historic District, and because a Treatment

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Plan has been developed and circulated for review to address this adverse impact, an additional effects assessment for the Bent Mountain Apple Orchard Rural Historic District is not necessary or warranted. Comments on the Treatment Plan will be filed with the FERC when received.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
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4. Document that a copy of the revised Treatment Plan for the Coles-Terry Rural Historic District was sent to Grace Terry for review, and file her comments on the plan.

Response:

A copy of the Revised Historic Property Treatment Plan for the Bent Mountain Rural Historic District (080-0322), Bent Mountain Apple Orchard Rural Historic District (080-5731) and Coles Terry Rural Historic District (080-5689) was sent to Ms. Grace Terry on January 5, 2018. The attached letter (Attachment PCDR1 Cultural 4) lists the titles of all documents provided directly to Ms. Grace Terry.

Respondent: Megan Neylon
Position: Permitting Supervisor
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5. Revise the Treatment Plan for the Big Stony Creek Historic District, in Giles County, Virginia, to address comments on the first draft plan that have been filed on the record by various consulting parties to date, including:
 - Comments of Giles County dated November 17, 2017, including reforestation within the district similar to the restoration and revegetation plan Mountain Valley proposes to use along the pipeline through the Jefferson National Forest, and concerns that the district should not be nominated to the NRHP; and
 - Comments of the VADHR, dated November 3, 2017, suggesting the restriction of the right-of-way through historic districts.

Response:

Mountain Valley has contacted Giles County to set up a conference call to discuss staff comments related to the Big Stony Creek Historic District Treatment Plan (Attachment PCDR1 Cultural 5). This call is scheduled for January 10, 2018. Mountain Valley will coordinate with the VADHR regarding appropriate revisions to the Treatment Plan. A revised Treatment Plan will be filed with FERC and appropriate consulting parties in mid-January 2018.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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Cultural Resources

6. Revise the Treatment Plan for the Greater Newport Rural Historic District, in Giles County, Virginia, to address comments on the first draft plan that have been filed on the record by various consulting parties to date, including:
 - Comments of Giles County, dated November 17, 2017, including reforestation within the district similar to the restoration and revegetation plan Mountain Valley proposes to use along the pipeline through the Jefferson National Forest, and the establishment of a mitigation fund to restore and preserve elements within the district;
 - Comments of Matthew Fellerhoff, dated November 21, 2017, including the establishment of a mitigation fund, drilling under historic water sources (springs, waterbodies, water distribution systems, and septic systems), using thicker pipe that can withstand heavy vehicle traffic, reforestation similar to what is proposed within the Jefferson National Forest such as hand planting of woody vegetation; and
 - Comments of the VADHR, dated November 3, 2017, suggesting the restriction of the right-of-way through historic districts.

Response:

Mountain Valley has contacted Giles County to set up a conference call to discuss staff comments related to the Greater Newport Rural Historic District Treatment Plan (Attachment PCDR1 Cultural 5). This call is scheduled for January 10, 2018. Mountain Valley has also contacted Mr. Fellerhoff to discuss his comments on the Treatment Plan (Attachment PCDR1 Cultural 6). Mountain Valley will coordinate with the VADHR regarding appropriate revisions to the Treatment Plan. A revised Treatment Plan will be filed with the FERC and appropriate consulting parties in mid-January 2018.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
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7. Provide the milepost (MP) locations of historic architectural site 80-530 in Roanoke County, Virginia; and the distance from the site to the pipeline centerline and nearest workspaces. Also provide the results of Phase II investigations of this site, as recommended by New South Associates (Turco et al., March 2016), and file the review by the VADHR of the Phase II report.

Response:

Historic architecture site 80-530 is located near MP 245.9, 815.3 feet from the pipeline centerline and 124.5 feet from the nearest workspace (MVP-ATWS-1308). In a letter dated May 25, 2016, VADHAR commented to Mountain Valley that the resource may be a contributing resource to the Bent Mountain Historic District (FERC Accession #20160718-5161). A formal Phase II investigation was not conducted for resource 80-530 because this resource was treated as eligible to the National Register of Historic Places (NRHP) as agreed to by VADHR in a meeting on January 12, 2016. At the meeting, Mountain Valley agreed to treat all of the potentially NRHP-eligible resources as eligible for purposes of applying the Criteria of Adverse Effect and in compliance with Section 106 of the National Historic Preservation Act, 1966, as amended. This approach eliminated the need for Phase II architectural evaluations since these require documentation of interior spaces and features which would not be feasible without full access to all of the subject properties.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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8. Provide the MPs for historic architectural sites 33-5429 and 80-5735 identified in Dye et al. (December 2017).

Response:

Historic architectural site 33-5429 is located at MP 258.7 and historic architectural site 80-5735 is located at MP 242.1.

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Cultural Resources

9. Provide VADHR's opinions about NRHP-eligibility and project-related effects for archaeological sites 44MY576, MY582, and MY583, and historic architectural site 60-5200 in Montgomery County, Virginia.

Response:

Mountain Valley reported on resources 44MY576, MY582, and MY583 in *Mountain Valley Pipeline Project, Phase IB Archaeological Survey Report Addendum I, Roanoke and Montgomery Counties, Virginia*. The report was provided to VADHR for review and comment on January 16, 2017. Comments from VADHR are pending and will be filed with the FERC when received.

Mountain Valley reported on resource 60-5200 in *Mountain Valley Pipeline Project, Phase I Historic Architectural Survey Supplemental Information, Giles, Franklin, Montgomery, and Roanoke Counties, Virginia*. The report was provided to VADHR for review and comment on December 20, 2017. Comments from VADHR are pending and will be filed with the FERC when received.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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10. Provide VADHR's opinions about NRHP-eligibility and project-related effects for archaeological sites 44RN381, RN387, RN388, RN389, RN390, RN391, RN392, RN393, RN394, RN399, RN400, and RN401, in Roanoke County, Virginia.

Response:

Mountain Valley reported on resources 44RN381, RN387, RN388, RN389, RN390, RN391, RN392, RN393, RN394, and RN399 in *Mountain Valley Pipeline Project, Phase IB Archaeological Survey Report Addendum I, Roanoke and Montgomery Counties, Virginia*. The report was provided to VADHR for review and comment on January 16, 2017. Comments from VADHR are pending and will be filed with the FERC when received.

Mountain Valley originally reported on resources 44RN400 and 44RN401 in a report entitled *Mountain Valley Pipeline Project, Phase I Archaeological Survey Report of Tract VA-RO-054, Roanoke County, Virginia* (July 2017). The resources were also addressed in a treatment plan entitled *Mountain Valley Pipeline Project, Site 44RN0400 and 44RN0401 Treatment Plan, Roanoke County, Virginia* (July 2017). In September 2017, Mountain Valley was afforded an additional opportunity to access the property on which these resources are located to perform additional Phase I investigation and Phase II testing. The subsequent Phase I and Phase II work was reported in a document entitled *Mountain Valley Pipeline Project, Supplemental Phase I Archaeological Survey Report of Tract VA-RO-054 and Phase II Archaeological Evaluation Report of Sites 44RN0400 and 44RN0401, Roanoke County, Virginia* (September 2017). Mountain Valley developed an amended treatment plan entitled *Mountain Valley Pipeline Project, Amended Treatment Plan, Sites 44RN0400 and 44RN0401 Treatment Plan* (September 2017). The documents dated September 2017 supersede the July 2017 documents and were provided to VADHR on September 22, 2017, for review and comment, therefore comments from VADHR on the July 2017 documents are not expected. VADHR comments on the September 2017 documents are pending and will be filed with FERC when they are received.

Respondent: Megan Neylon
Position: Permitting Supervisor
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11. Provide a copy of the VADHR's review of Avoidance Plans for historic archaeological sites 35-5101 (isolated grave) in Giles County, Virginia; 80-5677-8 (Henry-Gregory House) and 80-5677-6 (cabin) in Roanoke County, Virginia; 33-5398 (outbuilding and house), 33-5403 (Edwards Cemetery), and 33-5315 (Holland Cemetery) in Franklin County, Virginia; and 71-5488 (Mease Cemetery) in Pittsylvania County, Virginia.

Response:

Mountain Valley provided Avoidance Plans for historic archaeological sites 35-5101 (isolated grave) in Giles County, Virginia; 80-5677-8 (Henry-Gregory House) and 80-5677-6 (cabin) in Roanoke County, Virginia; 33-5398 (outbuilding and house) in Franklin County, Virginia to VADHR on December 20, 2017 for review and comment. Comments will be filed with FERC when received.

Mountain Valley provided the Avoidance Plans for resources 33-5403 (Edwards Cemetery), and 33-5315 (Holland Cemetery) in Franklin County, Virginia; and 71-5488 (Mease Cemetery) in Pittsylvania County, Virginia to VADHR for review and comment on January 5, 2018 (Attachment PCDR1 Cultural 11). Comments will be filed with FERC when received.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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12. Clarify the following discrepancies regarding the Henry-Gregory House (80-5677-8) in Roanoke County, Virginia. The original August 2017 Treatment Plan for the Bent Mountain Rural Historic District showed the house to be about 5 feet away from limit of disturbance (LOD) for Access Road MVP-RO-285. The Revised Master List filed by Mountain Valley on January 5, 2018 indicates the house is 954 feet from the pipeline centerline and 18 feet from an access road and additional temporary workspace (ATWS). The Avoidance Plan filed December 21, 2017 indicated that the house was 50 feet away from Access Road MVP-RO-285.

Response:

Resource 80-5677-8 is located 1,000.7 feet from the pipeline centerline, 50.1 feet from the LOD for access road MVP-RO-285, and 755.3 feet from the nearest ATWS. The discrepancies are due to previous route adjustments in this area. A figure depicting the Henry-Gregory House in relation to the current access road alignment and the previously-identified (now superseded) alignment for the access road is attached (Attachment PCDR1 Cultural 12). Cultural resources survey was completed within the survey areas for the pipeline and other proposed facilities in the vicinity of the Henry-Gregory House.

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018

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13. Clarify the following discrepancies regarding historic architectural site 80-5677-6 (cabin). A filing in August 2017 indicated that the cabin would be about 106 feet away from the pipeline centerline and 69 feet away from LOD for the right-of-way. However, a December 21, 2017 filing stated that the cabin would be 30 feet away from the permanent easement.

Response:

Resource 80-5677-6 is located 80.7 feet from the pipeline centerline and 39.9 feet from the LOD for the right-of-way. The discrepancies are due to previous route adjustments in this area. A figure depicting the cabin in relation to the current pipeline route and the previously-identified (now superseded) pipeline route is attached (Attachment PCDR1 Cultural 13). Cultural resources survey was completed within the survey areas for the pipeline and other proposed facilities in the vicinity of site 80-5677-6.

Respondent: Megan Neylon
Position: Permitting Supervisor
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14. Provide a visual impact assessment (VIA) for site 33-5325 (house on Windswept Lane) in Franklin County, Virginia, and copy of the VADHR's review of that VIA.

Response:

As requested by VADHR in a letter dated July 7, 2017, Mountain Valley provided photo-simulations "illustrating the appearance of the access roads" from the house on Windswept Lane (VADHR ID# 033-5325) along with the corresponding Task 4 assessment of visual impact to VADHR on August 25, 2017. These materials were also filed with the FERC on August 25, 2017 (accession no. 20170828-5002). To date, Mountain Valley has not received comments from VADHR regarding the submitted information. Mountain Valley will file VADHR comments on the photo-simulations and the Task 4 visual impact assessment when received.

Respondent: Megan Neylon
Position: Permitting Supervisor
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Date: January 5, 2018

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15. Provide a copy of the VADHR's review of the Avoidance Plans for archaeological sites 44FR355, FR357, FR368, FR369, FR371, and FR407 in Franklin County, Virginia.

Response:

Mountain Valley provided the Avoidance Plans for archaeological sites 44FR355, FR357, FR368, FR369, FR371, and FR407 to VADHR on February 17, 2017, for review and comment. VADHR's review comments are pending and will be filed with FERC when received.

Respondent: Megan Neylon
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Phone Number: 724-873-3645
Date: January 5, 2018

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16. Provide state-assigned Smithsonian trinomial system permanent site numbers for the following temporary site numbers in West Virginia: historic architectural sites WZ-155/194, WZ-156/193, WZ-142/200, and 196 in Wetzel County; historic architectural sites HS-897/168, HS-900/174, HS-899/169, HS-904/161, WV-HA-27-CEM, and HS901/167 in Harrison County; historic architectural sites 265, LE-151/140, LE-152/139, LE-150/141, LE-164/134, and 124 in Lewis County; historic architectural site BX-351 in Braxton County; historic architectural sites 60, 254, and 258/WV-WB-408 in Webster County; historic architectural sites 68/NI-120, 66/NI-25-47, NI-155/244, 105/143, 245/143/NI-25-64, WV-NI-40-CEM, and 116 in Nichols County; historic architectural sites GB-1818/13, GB-1883, and WV-GB-3107 in Greenbrier County; historic architectural sites 9,11,4, 251, 1/SU-443, and 248/SU455 in Summers County; and historic architectural site ME-385/250 in Monroe County.

Response:

Table 16.1 provides the state assigned West Virginia SHPO ID numbers for the resources listed above. Please note that in West Virginia only archaeological sites and historic cemeteries receive Smithsonian trinomial designations. Architectural resources are assigned a West Virginia SHPO ID comprising the county abbreviation followed by a 4 digit number. The naming convention used in Tetra Tech reporting for architectural resources identified in West Virginia generally followed the naming convention of County Abbreviation-SHPO ID / Field Survey ID.

The modern cemeteries referenced above did not meet the West Virginia SHPO's minimum 50-year-age requirement for receiving a Smithsonian trinomial number.

Table 16.1		
State Assigned ID Numbers for Resources Referenced in Post Order EIR Question 16		
County	Temporary Site Number Listed in Question 16	West Virginia SHPO ID or Smithsonian Trinomial
Wetzel	WZ-155/194	WZ-0155
Wetzel	WZ-156/193	WZ-0156
Wetzel	WZ-142/200	46WZ141-CEM
Wetzel	196	46WZ142-CEM
Harrison	HS-897/168	HS-0897
Harrison	HS-900/174	HS-0900
Harrison	HS-899/169	HS-0899
Harrison	HS-904/161	HS-0904

**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Response to Post Order Environmental Information Request
Issued by FERC December 26, 2017**

Table 16.1		
State Assigned ID Numbers for Resources Referenced in Post Order EIR Question 16		
County	Temporary Site Number Listed in Question 16	West Virginia SHPO ID or Smithsonian Trinomial
Harrison	WV-HA-27-CEM	No Smithsonian Trinomial or SHPO ID Assigned – Modern Cemetery
Harrison	HS901/167	HS-0901
Lewis	265	LE-0179
Lewis	LE-151/140	LE-0151
Lewis	LE-152/139	LE-0152
Lewis	LE-150/141	LE-0150
Lewis	LE-164/134	LE-0164
Lewis	124	LE-0171
Braxton	BX-351	BX-0351
Webster	60	WB-0116
Webster	254	WB-0258
Webster	258/WV-WB-408	WB-0258
Nicholas	68/NI-120	NI-0120
Nicholas	66/NI-25-47	NI-0025-0047
Nicholas	NI-155/244	NI-0155
Nicholas	105/143	NI-0143
Nicholas	245/143/NI-25-64	NI-0025-0064
Nicholas	WV-NI-40-CEM	No Smithsonian Trinomial or SHPO ID Assigned – Modern Cemetery
Nicholas	116	NI-0116
Greenbrier	GB-1818/13	GB-1818
Greenbrier	GB-1883	GB-1883
Greenbrier	WV-GB-3107	GB-1883
Summers	9	SU-0451
Summers	11	SU-0453
Summers	4	SU-0446
Summers	251	SU-0456
Summers	1/SU-443	SU-0443
Summers	248/SU-455	SU-0455
Monroe	ME-385/250	ME-0385

Respondent: Megan Neylon
Position: Permitting Supervisor
Phone Number: 724-873-3645
Date: January 5, 2018