



REPLY TO  
ATTENTION OF

DEPARTMENT OF THE ARMY  
PITTSBURGH DISTRICT, CORPS OF ENGINEERS  
WILLIAM S. MOORHEAD FEDERAL BUILDING  
1000 LIBERTY AVENUE  
PITTSBURGH, PA 15222-4186

18  
May ~~21~~, 2018

Operations Division  
Regulatory Branch  
**LRP-2015-798**

Mr. Robert Cooper  
Mountain Valley Pipeline, LLC.  
2200 Rice Drive, Suite 200  
Canonsburg, PA 15317

Dear Mr. Cooper:

I refer to your revised Preconstruction Notification (PCN), received in this office March 23, 2018, regarding your proposal to construct the Mountain Valley Pipeline (MVP) located within the United States Army Corps of Engineers (USACE) Pittsburgh District in Wetzel and Harrison Counties, West Virginia.

In the original PCN approximately 32 miles of the proposed pipeline and 15 miles of proposed access roads were proposed to be located within the USACE Pittsburgh District. As a result of the originally proposed construction the authorized impacts were as follows: (1) temporary impacts to 54 streams (4,071 linear feet); (2) temporary impacts to 58 wetlands (3.5083 acres), and (3) permanent impacts to 5 streams (260 linear feet) and 4 wetlands (0.1796 acres). The approved mitigation amounts for unavoidable impacts to Waters of the U.S. (WOUS) were calculated using the WV SWVM 2.1 and was accomplished through the purchase of mitigation banking credits at the Kincheloe Mitigation Bank. The total amount of banking credits purchased was 118 stream credits and 0.1796 wetland credits.

The current changes within the revised PCN includes updated field investigations data, updated impacts based on new information and alignment shifts, and cumulative impacts comparison information. Through the project routing and avoidance measures, the impacts to streams and wetlands have been reduced from the original information filed with USACE in February 2017. The majority of the reductions are associated with adjustments to proposed additional workspaces and permanent/temporary access road. All aquatic resources identified within the 2018 NWP updated survey area are illustrated on updated project detail maps in the revised PCN in Attachment A – Figures. Information regarding all newly identified, impacted resources was provided in the Updated Wetland Impact and Updated Stream Impact Tables which are attached to this letter for reference. No additional mitigation is required as a result of this new information.

Activities associated with projects of this type are authorized by Nationwide Permit (NWP) No. 12 Utility Line Activities, previously issued by the Corps of Engineers, for purposes of Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act. These NWP's were published in the January 6, 2017 issue of the Federal Register. This project has been verified to comply with all applicable regional conditions and water quality certification conditions as published in Public Notice LRH-2016-00006-WV on May 17, 2017.

Note that this project was originally authorized on December 19, 2017 and, in places that were not modified, the scope of work remains authorized as previously proposed. All permit conditions and special conditions contained within the December 19, 2017 authorization remain in full effect. Lastly, for a list of conditions which must be followed for the NWP to be valid, refer to:

<http://www.lrp.usace.army.mil/LinkClick.aspx?fileticket=N2GQpAPStQo%3d&portalid=72>.

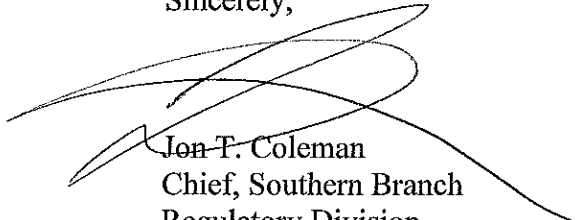
Adherence to these conditions will permit you to proceed with the proposed project. Please note, the enclosed Compliance Certification Form must be signed and returned to this office upon completion of the proposed work.

The verification of this NWP is valid until March 18, 2022, unless the NWP's are modified, suspended, or revoked. If project specifications are changed or work has not been initiated before March 18, 2022, please contact this office for further verification.

The verification of this NWP will not relieve you of the responsibility to obtain any other required state, local, or Federal authorizations.

If you have any questions, please contact Josh Shaffer at (412) 395-7121 or by email at [Joshua.d.shaffer@usace.army.mil](mailto:Joshua.d.shaffer@usace.army.mil). Please complete our customer survey online and provide us with feedback at [http://corpsmapu.usace.army.mil/cm\\_apex/f?p=136:4:0](http://corpsmapu.usace.army.mil/cm_apex/f?p=136:4:0).

Sincerely,



Jon T. Coleman  
Chief, Southern Branch  
Regulatory Division

Copies Furnished (email only):

- Chris Carson (Corps – Huntington District)
- Todd Miller (Corps – Norfolk District)
- Paul Friedman (FERC)
- Matt Hoover (MVP)
- Nancy Dickson (WV DEP)

**Compliance Certification Form**

PERMIT NO: LRP-2015-798

NAME OF PERMITTEE: Mountain Valley Pipeline, LLC. .

DATE OF ISSUANCE: May 21, 2018

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

U.S. Army Corps of Engineers  
Pittsburgh District  
Regulatory Branch, Room 2200  
William S. Moorhead Federal Building  
1000 Liberty Avenue  
Pittsburgh, PA 15222-4186

Please note that your permitted activity is subject to compliance inspection by a U.S. Army Corps of Engineers Representative. If you fail to comply with this permit, you are subject to permit suspension, modification, or revocation.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit conditions.

\_\_\_\_\_  
Signature of Permittee

Table 1. Desktop Feature Field Verification Summary  
 USACE Pittsburgh District  
 Mountain Vally Pipeline Project

Feature ID	Feature ID Update	NHD Stream Name	Flow Regime	Cowardin Code <sup>1</sup>	HGM <sup>2</sup>	Waters Type <sup>3</sup>	County	Latitude <sup>4</sup>	Longitude <sup>5</sup>
TTWV-S-2	S-CV8	UNT to Turtletree Fork	Ephemeral	R6	-	NSPW	Harrison	39.223745	-80.548241
TTWV-S-X81	S-X81	Turtletree Fork	Perennial	R3UB3	-	RPW	Harrison	39.223263	-80.547928
TTWV-S-4	S-CV10	UNT to Turtletree Fork	Perennial	R3UB1	-	RPW	Harrison	39.221712	-80.546900
TTWV-W-3	W-CV16	-	-	PEH	Depressional	RPWWN	Harrison	39.220134	-80.547404
TTWV-W-204	W-L77	-	-	PEH	Slope	RPWWN	Lewis	39.138957	-80.578311

- Notes:
- 1 - For identified streams without a NHD name, the identified stream was given the name, "Unidentified Tributary (UNT)", of the first named receiving waterbody.
  - 2 - Field classification based on Cowardin et al. 1979. See wetland delineation report for more details.
  - 3 - Field classification based on Brinson, 1993. See wetland delineation report for more details.
  - 4 - Field classification based on Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastam Mountains and Piedmont Region, 2012. See wetland delineation report for more details.
  - 5 - In decimal degrees

Table 2. Updated Wetland Impacts  
USACE Pittsburgh District  
Mountain Valley Pipeline Project

Wetland Name	Dist/Top Wetland Name	County	Latitude <sup>2</sup>	Longitude <sup>2</sup>	Wetland Size On-site (acres)	Wetland Impacts within Limits (acres) <sup>3</sup>	Amount of Discharge (cubic yards) <sup>4</sup>	Type of Impact	Impact Duration (Discharge)	Mitigation (Bank and/or LF)	Delineation Type	Figure
W-CV14	N/A	Harrison	39.223872	-80.548636	0.067	0.015	73	Pipeline ROW	Temporary	-	Field	2-52
W-CV15	N/A	Harrison	39.223490	-80.548109	0.230	0.174	2,807	Pipeline ROW	Temporary	-	Field	2-52
W-U77	TTWV-WV-204	Lewis	39.136067	-80.578311	0.023	0.023	111	ATWS	Temporary	-	Field	2-68

Notes:

- 1 - Field classification based on Cowardin et al. 1979. See wetland delineation report for more details.
- 2 - in decimal degrees
- 3 - Includes temporary impacts to PEM wetlands in the temporary limit-of-disturbance.
- 4 - Includes temporary fill associated with construction activities and timber mat crossings.

Table 3. Updated Stream Impacts  
USACE Pittsburgh District  
Mountain Valley Pipeline Project

Stream ID	Federal Action Category	WFO Stream Name	Flow Regime	County	Lat/Long	Longitude	Stream Action Category	Discharge of Disposal and/or Material (gallons per day)	Discharge of Disposal and/or Material (cubic feet per day)	Discharge of Disposal and/or Material (cubic feet per day)	Impacts	Impacts Duration	Discharge of Disposal and/or Material (cubic feet per day)	Figure
S-C08	TWV-S-4	UNT to Turlowes Fork	Perennial	Monroe	30.271719	-80.249251	884	72	0.028		Practical ROW	Temporary		2-52
S-C09	TWV-S-2	UNT to Turlowes Fork	Perennial	Monroe	30.273800	-80.249773	218	87	0.024		Practical ROW	Temporary		2-52
S-C31	TWV-S-381	Turlowes Fork	Perennial	Monroe	30.272025	-80.247728	1,678	127	0.012	184	Practical ROW	Temporary		2-52

Note: - For identified streams where a WFO name, the identified stream was given the name, "Identified Tributary (WFO)", of the first named receiving waterbody.

- In decimal degrees

1  
2

**Table 4. Updated Impact Summary  
USACE Pittsburgh District  
Mountain Valley Pipeline Project**

County	Updated Permanent Discharge of fill material into Ephemeral Stream (lf)	Updated Permanent Discharge of fill material into Intermittent Stream (lf)	Updated Permanent Discharge of fill material into Perennial Stream (ff)	Updated Permanent Discharge of fill material into PEIM Wetlands (ac)	Updated Permanent Discharge of fill material into PSS Wetlands (ac)	Updated Permanent Discharge of fill material into PFO Wetlands (ac)
Harrison	202	32	26	0.024	0	0
Lewis	0	0	0	0.000	0	0
<b>UPDATED TOTAL</b>	<b>202</b>	<b>32</b>	<b>26</b>	<b>0.024</b>	<b>0</b>	<b>0</b>
<b>PREVIOUS TOTAL</b>	<b>202</b>	<b>32</b>	<b>26</b>	<b>0.024</b>	<b>0</b>	<b>0</b>

County	Updated Temporary Discharge of fill material into Ephemeral Stream (lf)	Updated Temporary Discharge of fill material into Intermittent Stream (lf)	Updated Temporary Discharge of fill material into Perennial Stream (ff)	Updated Temporary Discharge of fill material into PEIM Wetlands (ac)	Updated Temporary Discharge of fill material into PSS Wetlands (ac)	Updated Temporary Discharge of fill material into PFO Wetlands (ac)
Harrison	664	699	1,358	1,540	0.144	0.011
Lewis	544	226	442	1,685	0.000	0.000
<b>UPDATED TOTAL</b>	<b>1,208</b>	<b>925</b>	<b>1,800</b>	<b>3,225</b>	<b>0.144</b>	<b>0.011</b>
<b>PREVIOUS TOTAL</b>	<b>1,214</b>	<b>1,037</b>	<b>1,821</b>	<b>3,508</b>	<b>0.144</b>	<b>0.011</b>