

Table 17.
Compensatory Wetland Mitigation
Individual Permit Application
Mountain Valley Pipeline Project

Feature	USACE District	HUC 8 Name	HUC 8 #	Cowardin Class ¹	Impact (acres)	Impact Type	Mitigation Evaluation Method ²	Projected Mitigation Requirement	Proposed Mitigation Type ³
W-IJ31	Huntington	Middle Ohio	05030201	PEM	0.0082	Permanent Fill	SWVM	0.0082	Kincheloe
W-A27-PFO	Huntington	Middle Ohio	05030201	PFO	0.0547	Permanent Conversion	SWVM	0.0547	Kincheloe
W-A23	Huntington	Middle Ohio	05030201	PEM	0.0579	Permanent Fill	SWVM	0.0579	Kincheloe
W-H109	Huntington	Little Kanawha	05030203	PEM	0.0027	Permanent Fill	SWVM	0.0027	Kincheloe
W-K33-PSS	Huntington	Little Kanawha	05030203	PSS	0.0024	Permanent Conversion	SWVM	0.0024	Kincheloe
W-I22-PEM	Huntington	Little Kanawha	05030203	PEM	0.0059	Permanent Fill	SWVM	0.0059	Kincheloe
W-H98	Huntington	Little Kanawha	05030203	PEM	0.0331	Permanent Fill	SWVM	0.0331	Kincheloe
W-UV17	Huntington	Little Kanawha	05030203	PFO	0.0055	Permanent Conversion	SWVM	0.0055	Kincheloe
W-VV4-PFO	Huntington	Little Kanawha	05030203	PFO	0.0263	Permanent Conversion	SWVM	0.0263	Kincheloe
W-VV3-PFO	Huntington	Little Kanawha	05030203	PFO	0.0160	Permanent Conversion	SWVM	0.0160	Kincheloe
W-A20-PFO	Huntington	Elk	05050007	PFO	0.0298	Permanent Conversion	SWVM	0.0298	Beverly
W-H70	Huntington	Elk	05050007	PEM	0.0057	Permanent Fill	SWVM	0.0057	Beverly
W-H71	Huntington	Elk	05050007	PEM	0.0205	Permanent Fill	SWVM	0.0205	Beverly
W-H72	Huntington	Elk	05050007	PEM	0.0064	Permanent Fill	SWVM	0.0064	Beverly
W-H73	Huntington	Elk	05050007	PEM	0.0061	Permanent Fill	SWVM	0.0061	Beverly
W-H74	Huntington	Elk	05050007	PEM	0.0115	Permanent Fill	SWVM	0.0115	Beverly
W-H67	Huntington	Elk	05050007	PFO	0.0908	Permanent Conversion	SWVM	0.0908	Beverly
W-H66	Huntington	Elk	05050007	PFO	0.2496	Permanent Conversion	SWVM	0.2496	Beverly
W-H64-PSS	Huntington	Elk	05050007	PSS	0.0422	Permanent Conversion	SWVM	0.0422	Beverly
W-O13	Huntington	Elk	05050007	PEM	0.0405	Permanent Fill	SWVM	0.0405	Beverly
W-B35	Huntington	Elk	05050007	PSS	0.0108	Permanent Conversion	SWVM	0.0108	Beverly
W-E28	Huntington	Elk	05050007	PSS	0.0084	Permanent Fill	SWVM	0.0084	Beverly
W-E30	Huntington	Elk	05050007	PEM	0.0316	Permanent Fill	SWVM	0.0316	Beverly
W-F40	Huntington	Elk	05050007	PSS	0.0188	Permanent Conversion	SWVM	0.0188	Beverly
W-E18-PSS	Huntington	Gauley	05050005	PSS	0.0538	Permanent Conversion	SWVM	0.0538	Spanishburg
W-E13	Huntington	Gauley	05050005	PFO	0.0107	Permanent Conversion	SWVM	0.0107	Spanishburg
W-FF6-PSS	Huntington	Gauley	05050005	PSS	0.0333	Permanent Conversion	SWVM	0.0333	Spanishburg
W-A15	Huntington	Gauley	05050005	PSS	0.0891	Permanent Conversion	SWVM	0.0891	Spanishburg
W-A14	Huntington	Gauley	05050005	PFO	0.0374	Permanent Conversion	SWVM	0.0374	Spanishburg
W-I7	Huntington	Gauley	05050005	PFO	0.0333	Permanent Conversion	SWVM	0.0333	Spanishburg
W-J8	Huntington	Gauley	05050005	PFO	0.0533	Permanent Conversion	SWVM	0.0533	Spanishburg
W-J7	Huntington	Gauley	05050005	PFO	0.0693	Permanent Conversion	SWVM	0.0693	Spanishburg
W-H35	Huntington	Gauley	05050005	PEM	0.0177	Permanent Fill	SWVM	0.0177	Spanishburg
W-M22	Huntington	Gauley	05050005	PSS	0.0039	Permanent Conversion	SWVM	0.0039	Spanishburg
W-J6	Huntington	Gauley	05050005	PFO	0.0744	Permanent Conversion	SWVM	0.0744	Spanishburg
W-HS1	Huntington	Gauley	05050005	PEM	0.0360	Permanent Fill	SWVM	0.0360	Spanishburg
W-QR2	Huntington	Gauley	05050005	PEM	0.0010	Permanent Fill	SWVM	0.0010	Spanishburg
W-IJ47-PEM	Huntington	Gauley	05050005	PEM	0.0633	Permanent Fill	SWVM	0.0633	Spanishburg
W-UV4	Huntington	Gauley	05050005	PSS	0.0885	Permanent Conversion	SWVM	0.0885	Spanishburg
W-I10	Huntington	Gauley	05050005	PEM	0.0550	Permanent Fill	SWVM	0.0550	Spanishburg
W-MM20-PFO	Huntington	Greenbrier	05050003	PFO	0.2990	Permanent Conversion	SWVM	0.2990	Spanishburg
W-A13	Huntington	Upper New	05050002	PEM	0.0228	Permanent Fill	SWVM	0.0228	Spanishburg
W-MN18-PFO	Huntington	Upper New	05050002	PFO	0.1750	Permanent Conversion	SWVM	0.1750	Spanishburg
W-CV25-PSS-1	Huntington	Upper New	05050002	PSS	0.0270	Permanent Conversion	SWVM	0.0270	Spanishburg
W-UU1	Pittsburgh	West Fork	05020002	PFO	0.0045	Permanent Conversion	SWVM	0.0045	Kincheloe
W-UU3	Pittsburgh	West Fork	05020002	PFO	0.0065	Permanent Conversion	SWVM	0.0065	Kincheloe
W-ST12-PSS	Pittsburgh	West Fork	05020002	PSS	0.1444	Permanent Conversion	SWVM	0.1444	Kincheloe
W-K52	Pittsburgh	West Fork	05020002	PEM	0.0115	Permanent Fill	SWVM	0.0115	Kincheloe
W-C12	Norfolk	Upper Roanoke	03010101	PFO	0.0523	Permanent Conversion	1 : 1	0.0523	Banister Bend
W-KL58	Norfolk	Upper Roanoke	03010101	PEM	0.0392	Permanent Fill	1 : 1	0.0392	Banister Bend
W-EF5-PFO	Norfolk	Upper Roanoke	03010101	PFO	0.0852	Permanent Conversion	1 : 1	0.0852	VARTF
W-EF17	Norfolk	Upper Roanoke	03010101	PFO	0.0224	Permanent Conversion	1 : 1	0.0224	Banister Bend
W-EF18	Norfolk	Upper Roanoke	03010101	PSS	0.0052	Permanent Conversion	1 : 1	0.0052	Banister Bend

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Feature	USACE District	HUC 8 Name	HUC 8 #	Cowardin Class ¹	Impact (acres)	Impact Type	Mitigation Evaluation Method ²	Projected Mitigation Requirement	Proposed Mitigation Type ³
W-IJ96-PEM	Norfolk	Upper Roanoke	03010101	PEM	0.0133	Permanent Fill	1 : 1	0.0133	Banister Bend
W-IJ97	Norfolk	Upper Roanoke	03010101	PEM	0.0005	Permanent Fill	1 : 1	0.0005	Banister Bend
W-IJ95-PSS	Norfolk	Upper Roanoke	03010101	PSS	0.0254	Permanent Conversion	1 : 1	0.0254	Banister Bend
W-IJ102	Norfolk	Upper Roanoke	03010101	PFO	0.0100	Permanent Conversion	1 : 1	0.0100	Banister Bend
W-KL17	Norfolk	Upper Roanoke	03010101	PSS	0.0435	Permanent Conversion	1 : 1	0.0435	Banister Bend
W-AB6-PFO-1	Norfolk	Upper Roanoke	03010101	PFO	0.0618	Permanent Conversion	1 : 1	0.0618	Banister Bend
W-AB6-PSS	Norfolk	Upper Roanoke	03010101	PSS	0.0061	Permanent Conversion	1 : 1	0.0061	Banister Bend
W-AB5	Norfolk	Upper Roanoke	03010101	PFO	0.0042	Permanent Conversion	1 : 1	0.0042	Banister Bend
W-EF46	Norfolk	Upper Roanoke	03010101	PSS	0.0682	Permanent Conversion	1 : 1	0.0682	Banister Bend
W-KL48-PSS-2	Norfolk	Upper Roanoke	03010101	PSS	0.0264	Permanent Conversion	1 : 1	0.0264	Banister Bend
W-IJ36	Norfolk	Upper Roanoke	03010101	PSS	0.1237	Permanent Conversion	1 : 1	0.1237	Banister Bend
W-Z7	Norfolk	Upper Roanoke	03010101	PSS	0.0003	Permanent Conversion	1 : 1	0.0003	Banister Bend
W-Z6	Norfolk	Upper Roanoke	03010101	PFO	0.0028	Permanent Conversion	1 : 1	0.0028	Banister Bend
W-B24-PSS	Norfolk	Upper Roanoke	03010101	PSS	0.1637	Permanent Conversion	1 : 1	0.1637	Banister Bend
W-D4	Norfolk	Upper Roanoke	03010101	PEM	0.0009	Permanent Fill	1 : 1	0.0009	Banister Bend
W-IJ2-PSS	Norfolk	Upper Roanoke	03010101	PSS	0.0080	Permanent Conversion	1 : 1	0.0080	Banister Bend
W-GH2	Norfolk	Upper Roanoke	03010101	PSS	0.0130	Permanent Conversion	1 : 1	0.0130	Banister Bend
W-CD5	Norfolk	Upper Roanoke	03010101	PFO	0.1136	Permanent Conversion	1 : 1	0.1136	Banister Bend
W-CD1	Norfolk	Upper Roanoke	03010101	PFO	0.1106	Permanent Conversion	1 : 1	0.1106	Banister Bend
W-H15	Norfolk	Upper Roanoke	03010101	PSS	0.0071	Permanent Conversion	1 : 1	0.0071	Banister Bend
W-B4-PSS	Norfolk	Upper Roanoke	03010101	PSS	0.0047	Permanent Conversion	1 : 1	0.0047	Banister Bend
W-Q2	Norfolk	Banister	03010105	PFO	0.3770	Permanent Conversion	1 : 1	0.3770	Banister Bend
W-IJ21	Norfolk	Banister	03010105	PFO	0.0106	Permanent Conversion	1 : 1	0.0106	Banister Bend
TOTAL					3.5958		-	3.5958	-

Notes:

- 1 - Field classification
- 2 - In WV, the SWVM (Stream and Wetland Valuation Metric) was used to determine mitigation credit requirements
- In VA, per VDEQ and USACE guidance, mitigation ratios are 1:1 for PEM fill, PSS conversion, and PFO conversion impacts.
- 3 - Proposed mitigation bank based on the location of the impact and availability of mitigation credits in the impact area.
- Kincheloe - Kincheloe Mitigation Bank
- Beverly - Beverly Mitigation Bank
- Spanishburg - Spanishburg Mitigation Bank
- Banister Bend - Banister Bend Mitigation Bank