

**Table 3. Wetland Impacts  
Individual Permit Application  
Mountain Valley Pipeline Project**

Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-B55	Harrison	Pittsburgh	39.436246	-80.474973	PEM	RPWWD	05020002	Timber Mat Crossing	0.0054	-	-	26	-	4-36
W-J32-PEM-1	Harrison	Pittsburgh	39.391614	-80.477085	PEM	RPWWN	05020002	Temporary Access Road	0.0417	-	-	202	-	4-44
W-A10a	Harrison	Pittsburgh	39.369569	-80.485054	PEM	RPWWD	05020002	Timber Mat Crossing	0.0153	-	-	74	-	4-49
W-B1a	Harrison	Pittsburgh	39.360192	-80.492766	PEM	NRPWW	05020002	Pipeline ROW	0.0119	-	-	192	-	4-50
W-A40	Harrison	Pittsburgh	39.358924	-80.493367	PEM	RPWWN	05020002	Pipeline ROW/ATWS	0.3111	-	-	1,506	-	4-51
W-A39	Harrison	Pittsburgh	39.358865	-80.490797	PEM	RPWWN	05020002	Permanent Access Road	0.0280	-	-	136	-	4-51
W-ST11	Harrison	Pittsburgh	39.338239	-80.519656	PEM	NRPWW	05020002	Temporary Access Road/ATWS	0.0228	-	-	110	-	4-56
W-ST12-PEM	Harrison	Pittsburgh	39.337471	-80.522128	PSS	RPWWD	05020002	Temporary Access Road/ATWS	0.0582	-	-	282	-	4-56
W-ST12-PSS	Harrison	Pittsburgh	39.337457	-80.522185	PEM	RPWWD	05020002	Temporary Access Road/ATWS	-	0.1444	-	699	-	4-56
W-B4a	Harrison	Pittsburgh	39.316784	-80.526129	PEM	RPWWD	05020002	Timber Mat Crossing	0.0214	-	-	104	-	4-59
W-UU1	Harrison	Pittsburgh	39.290258	-80.518898	PFO	RPWWD	05020002	Pipeline ROW	-	0.0045	-	22	-	4-66
W-UU3	Harrison	Pittsburgh	39.289750	-80.518517	PFO	RPWWN	05020002	Pipeline ROW	-	0.0065	-	105	-	4-66
W-UU4a	Harrison	Pittsburgh	39.253101	-80.540498	PEM	RPWWD	05020002	Pipeline ROW/ATWS	0.1268	-	-	2,046	-	4-74
W-F52	Harrison	Pittsburgh	39.250487	-80.551891	PEM	NRPWW	05020002	Temporary Access Road	0.0625	-	-	302	-	4-76
W-F54	Harrison	Pittsburgh	39.249640	-80.550121	PEM	NRPWW	05020002	Timber Mat Crossing	0.0042	-	-	20	-	4-76
W-F53	Harrison	Pittsburgh	39.249629	-80.549909	PEM	NRPWW	05020002	Timber Mat Crossing	0.0080	-	-	39	-	4-76
W-F55	Harrison	Pittsburgh	39.249464	-80.551040	PEM	NRPWW	05020002	Timber Mat Crossing	0.0173	-	-	84	-	4-76
W-K43	Harrison	Pittsburgh	39.243915	-80.553961	PEM	RPWWD	05020002	Pipeline ROW	0.2086	-	-	3,365	-	4-77
W-K44	Harrison	Pittsburgh	39.243493	-80.554033	PEM	RPWWD	05020002	Pipeline ROW	0.0671	-	-	1,083	-	4-77
W-K52	Doddridge	Pittsburgh	39.236762	-80.558524	PEM	RPWWN	05030201	Temporary Access Road	0.0021	-	-	10	-	4-78
W-K52	Doddridge	Pittsburgh	39.236727	-80.558550	PEM	RPWWN	5030201	Permanent Access Road	-	-	0.0115	-	56	4-78
W-CV15	Harrison	Pittsburgh	39.223490	-80.548109	PEM	RPWWD	05020002	Timber Mat Crossing	0.0512	-	-	248	-	4-81
W-J40	Lewis	Pittsburgh	39.167631	-80.578355	PEM	RPWWD	05020002	Pipeline ROW	0.2931	-	-	4,729	-	4-92
W-J40	Lewis	Pittsburgh	39.167564	-80.578800	PEM	RPWWD	05020002	Temporary Access Road	0.1812	-	-	877	-	4-92
W-A24	Harrison	Pittsburgh	39.165608	-80.569523	PEM	NRPWW	05020002	Temporary Access Road	0.0002	-	-	1	-	4-91
W-A24	Harrison	Pittsburgh	39.165608	-80.569523	PEM	NRPWW	05020002	Temporary Access Road	0.0002	-	-	1	-	4-91
W-VV5	Lewis	Pittsburgh	39.137820	-80.576075	PEM	RPWWD	05020002	ATWS	0.0202	-	-	98	-	4-99
W-IJ23	Lewis	Pittsburgh	39.131093	-80.572126	PEM	RPWWN	05020002	Temporary Access Road	0.0065	-	-	31	-	4-100
W-IJ24	Lewis	Pittsburgh	39.130718	-80.571966	PEM	RPWWN	05020002	Temporary Access Road	0.0041	-	-	20	-	4-100
W-J20	Lewis	Pittsburgh	39.116053	-80.589196	PEM	NRPWW	05020002	Permanent Access Road	0.0081	-	-	39	-	4-103
W-J23	Lewis	Pittsburgh	39.114118	-80.586522	PEM	RPWWN	05020002	Pipeline ROW	0.0130	-	-	210	-	4-103
W-K31	Lewis	Pittsburgh	39.080555	-80.581362	PEM	NRPWW	05020002	Pipeline ROW/Temporary Access Road	0.1135	-	-	549	-	4-109
W-ST14	Lewis	Pittsburgh	39.079947	-80.583108	PEM	RPWWD	05020002	Anode Bed	0.0394	-	-	191	-	4-110
W-ST15	Lewis	Pittsburgh	39.079855	-80.582499	PEM	RPWWN	05020002	Anode Bed	0.0711	-	-	344	-	4-110
W-B46	Lewis	Pittsburgh	39.079854	-80.581439	PEM	RPWWD	05020002	Pipeline ROW/Temporary Access Road	0.1255	-	-	607	-	4-110
W-B47	Lewis	Pittsburgh	39.079451	-80.581349	PEM	RPWWD	05020002	Timber Mat Crossing	0.0682	-	-	330	-	4-110
W-B51	Lewis	Pittsburgh	39.078107	-80.581235	PEM	NRPWW	05020002	Timber Mat Crossing	0.0035	-	-	17	-	4-110
W-B54	Lewis	Pittsburgh	39.073907	-80.581491	PEM	NRPWW	05020002	Timber Mat Crossing	0.0101	-	-	49	-	4-110
W-H112	Lewis	Pittsburgh	39.066480	-80.581624	PEM	NRPWW	05020002	Pipeline ROW	0.0231	-	-	373	-	4-111
W-ME1	Wetzel	Huntington	39.561837	-80.544176	PEM	RPWWD	05030201	ATWS	0.0382	-	-	185	-	4-1
W-ME2	Wetzel	Huntington	39.559744	-80.546756	PEM	RPWWN	05030201	ATWS	0.1036	-	-	501	-	4-1
W-ME3	Wetzel	Huntington	39.559075	-80.547489	PEM	RPWWN	05030201	ATWS	0.0869	-	-	421	-	4-1
W-A1a	Wetzel	Huntington	39.553912	-80.544941	PEM	RPWWD	05030201	Pipeline ROW	0.0038	-	-	18	-	4-3
W-A2a	Wetzel	Huntington	39.553508	-80.545518	PEM	RPWWN	05030201	Timber Mat Crossing	0.0424	-	-	205	-	4-3
W-A4a	Wetzel	Huntington	39.544642	-80.542833	PEM	NRPWW	05030201	Timber Mat Crossing	0.0070	-	-	34	-	4-5
W-IJ31	Wetzel	Huntington	39.505764	-80.541781	PEM	RPWWN	05030201	ATWS	0.0992	-	-	480	-	4-18
W-IJ31	Wetzel	Huntington	39.505612	-80.541681	PEM	RPWWN	05030201	Permanent Access Road	-	-	0.0082	-	40	4-18
W-A27-PFO	Wetzel	Huntington	39.502389	-80.523497	PFO	RPWWD	05030201	Pipeline ROW	-	0.0547	-	882	-	4-20
W-A27-PEM	Wetzel	Huntington	39.502356	-80.523420	PEM	RPWWD	05030201	Pipeline ROW	0.0497	-	-	802	-	4-20
W-A35	Wetzel	Huntington	39.491159	-80.520537	PEM	NRPWW	05030201	Pipeline ROW	0.0066	-	-	107	-	4-23
W-A34	Wetzel	Huntington	39.489742	-80.520750	PEM	RPWWD	05030201	Timber Mat Crossing	0.0296	-	-	143	-	4-23
W-WX5	Wetzel	Huntington	39.463909	-80.502672	PEM	RPWWD	05030201	Temporary Access Road	0.0011	-	-	5	-	4-28
W-WX4	Wetzel	Huntington	39.463864	-80.502581	PEM	RPWWD	05030201	Temporary Access Road	0.0095	-	-	46	-	4-28
W-K45	Doddridge	Huntington	39.228900	-80.552328	PEM	RPWWD	05030201	Pipeline ROW	0.0401	-	-	648	-	4-80
W-K41	Doddridge	Huntington	39.208990	-80.551957	PEM	RPWWD	05030201	Timber Mat Crossing	0.0109	-	-	53	-	4-84
W-A23	Doddridge	Huntington	39.201188	-80.552996	PEM	RPWWD	05030201	Pipeline ROW	0.2701	-	-	4,358	-	4-85
W-A23	Doddridge	Huntington	39.201157	-80.553264	PEM	RPWWD	05030201	Permanent Access Road	-	-	0.0579	-	280	4-85
W-B57	Lewis	Huntington	39.111745	-80.587352	PEM	NRPWW	05030203	Pipeline ROW/Temporary Access Road	0.0336	-	-	163	-	4-104
W-K33-PSS	Lewis	Huntington	39.095059	-80.585064	PSS	RPWWD	05030203	Pipeline ROW	-	0.0024	-	12	-	4-106
W-K33-PEM	Lewis	Huntington	39.095056	-80.584787	PEM	RPWWD	05030203	Pipeline ROW	0.1544	-	-	2,490	-	4-106
W-K34-PEM	Lewis	Huntington	39.093945	-80.585460	PEM	RPWWD	05030203	Timber Mat Crossing	0.0253	-	-	122	-	4-106
W-H109	Lewis	Huntington	39.053324	-80.582020	PEM	NRPWW	05030203	Pipeline ROW	-	-	0.0027	-	13	4-114
W-I22-PEM	Lewis	Huntington	39.052952	-80.582437	PEM	RPWWD	05030203	ATWS	0.0018	-	-	9	-	4-114
W-I22-PEM	Lewis	Huntington	39.052768	-80.582196	PEM	RPWWD	05030203	Timber Mat Crossing	0.0162	-	-	78	-	4-114

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W-I22-PEM	Lewis	Huntington	39.052760	-80.582147	PEM	RPWWD	05030203	Permanent Access Road	-	-	0.0059	-	28	4-114
W-KK6	Lewis	Huntington	39.017820	-80.596977	PEM	RPWWD	05030203	Timber Mat Crossing	0.0212	-	-	103	-	4-119
W-I15	Lewis	Huntington	38.968609	-80.592042	PEM	RPWWN	05030203	Pipeline ROW	0.0631	-	-	1,018	-	4-128
W-I16	Lewis	Huntington	38.964758	-80.590881	PEM	NRPWW	05030203	Timber Mat Crossing	0.0177	-	-	86	-	4-129
W-I17	Lewis	Huntington	38.964195	-80.590961	PEM	NRPWW	05030203	Timber Mat Crossing	0.0017	-	-	8	-	4-129
W-I20	Lewis	Huntington	38.962362	-80.590607	PEM	NRPWW	05030203	Timber Mat Crossing	0.0379	-	-	183	-	4-129
W-I21	Lewis	Huntington	38.962126	-80.590741	PEM	NRPWW	05030203	Timber Mat Crossing	0.0631	-	-	306	-	4-129
W-UU7	Lewis	Huntington	38.933646	-80.585074	PEM	NRPWW	05030203	Pipeline ROW	0.0038	-	-	19	-	4-135
W-H103	Lewis	Huntington	38.933290	-80.584765	PEM	RPWWN	05030203	ATWS	0.0037	-	-	18	-	4-135
W-H103	Lewis	Huntington	38.933290	-80.584765	PEM	RPWWN	05030203	Timber Mat Crossing	0.0050	-	-	24	-	4-135
W-H102	Lewis	Huntington	38.933168	-80.584990	PEM	RPWWN	05030203	ATWS	0.0129	-	-	62	-	4-135
W-H107	Lewis	Huntington	38.932901	-80.584200	PEM	RPWWD	05030203	Timber Mat Crossing	0.0328	-	-	159	-	4-135
W-H98	Lewis	Huntington	38.925976	-80.578373	PEM	NRPWW	05030203	Permanent Access Road	-	-	0.0331	-	160	4-136
W-H98	Lewis	Huntington	38.925868	-80.578367	PEM	NRPWW	05030203	Temporary Access Road	0.0032	-	-	15	-	4-136
W-H108	Lewis	Huntington	38.918766	-80.573564	PEM	RPWWN	05030203	Timber Mat Crossing	0.0278	-	-	134	-	4-140
W-H96	Lewis	Huntington	38.913939	-80.571910	PEM	RPWWD	05030203	Timber Mat Crossing	0.0039	-	-	19	-	4-142
W-H95	Lewis	Huntington	38.913311	-80.571953	PEM	RPWWD	05030203	Timber Mat Crossing	0.0414	-	-	200	-	4-142
W-VV9	Lewis	Huntington	38.904701	-80.563951	PEM	RPWWD	05030203	Pipeline ROW	0.0534	-	-	259	-	4-144
W-CD17	Lewis	Huntington	38.904074	-80.563709	PEM	RPWWD	05030203	Timber Mat Crossing	0.0335	-	-	162	-	4-144
W-CD16	Lewis	Huntington	38.903722	-80.563418	PEM	RPWWN	05030203	Temporary Access Road/ ATWS	0.0023	-	-	11	-	4-144
W-CD16	Lewis	Huntington	38.903722	-80.563418	PEM	RPWWN	05030203	Pipeline ROW	0.0226	-	-	365	-	4-144
W-VV8	Lewis	Huntington	38.903514	-80.563258	PEM	RPWWD	05030203	Pipeline ROW	0.0708	-	-	1,143	-	4-144
W-CD18	Lewis	Huntington	38.902751	-80.564644	PEM	RPWWD	05030203	Temporary Access Road	0.0322	-	-	156	-	4-144
W-CD19	Lewis	Huntington	38.902618	-80.564694	PEM	RPWWD	05030203	Temporary Access Road	0.0080	-	-	39	-	4-144
W-CD21	Lewis	Huntington	38.901049	-80.566582	PEM	RPWWN	05030203	Temporary Access Road	0.0161	-	-	78	-	4-146
W-CD23	Lewis	Huntington	38.898699	-80.568306	PEM	RPWWD	05030203	Temporary Access Road	0.0349	-	-	169	-	4-146
W-CD24	Lewis	Huntington	38.898648	-80.568238	PEM	RPWWD	05030203	Temporary Access Road	0.0094	-	-	45	-	4-146
W-CD36	Lewis	Huntington	38.898177	-80.568287	PEM	RPWWN	05030203	Temporary Access Road	0.0049	-	-	24	-	4-146
W-CD25	Lewis	Huntington	38.898021	-80.568159	PEM	RPWWN	05030203	Temporary Access Road	0.0100	-	-	48	-	4-146
W-CD26	Lewis	Huntington	38.897805	-80.568155	PEM	RPWWN	05030203	Temporary Access Road	0.0114	-	-	55	-	4-146
W-VV10	Lewis	Huntington	38.897282	-80.567014	PEM	NRPWW	05030203	Temporary Access Road	0.0091	-	-	44	-	4-146
W-UV17	Lewis	Huntington	38.893199	-80.556196	PFO	RPWWN	05030203	Pipeline ROW	-	0.0055	-	27	-	4-148
W-ST16	Lewis	Huntington	38.892534	-80.556680	PEM	RPWWN	05030203	Temporary Anode Bed	0.0711	-	-	344	-	4-148
W-VV11	Lewis	Huntington	38.890576	-80.554852	PEM	NRPWW	05030203	Temporary Access Road	0.0246	-	-	119	-	4-148
W-VV12	Lewis	Huntington	38.890309	-80.553784	PEM	NRPWW	05030203	Temporary Access Road	0.0277	-	-	134	-	4-148
W-VV4-PEM	Lewis	Huntington	38.863280	-80.525705	PEM	RPWWD	05030203	Timber Mat Crossing	0.0131	-	-	64	-	4-158
W-VV4-PFO	Lewis	Huntington	38.863238	-80.525813	PFO	RPWWD	05030203	Timber Mat Crossing	-	0.0263	-	127	-	4-158
W-VV3-PEM	Lewis	Huntington	38.862795	-80.525190	PEM	RPWWD	05030203	Pipeline ROW	0.0447	-	-	721	-	4-158
W-VV3-PFO	Braxton	Huntington	38.862691	-80.525163	PFO	RPWWD	05030203	Pipeline ROW	-	0.0160	-	259	-	4-158
W-H90	Braxton	Huntington	38.760419	-80.513602	PEM	RPWWD	05030203	Pipeline ROW	0.0388	-	-	627	-	4-179
W-QR13	Braxton	Huntington	38.751445	-80.516905	PEM	RPWWN	05030203	Temporary Access Road	0.0618	-	-	299	-	4-180
W-QR12	Braxton	Huntington	38.749364	-80.522081	PEM	RPWWN	05030203	Temporary Access Road	0.0881	-	-	426	-	4-181
W-QR11	Braxton	Huntington	38.747846	-80.521602	PEM	RPWWN	05030203	Temporary Access Road	0.0559	-	-	271	-	4-181
W-I11b	Braxton	Huntington	38.708869	-80.489369	PEM	NRPWW	05050007	Timber Mat Crossing	0.0098	-	-	47	-	4-194
W-R2	Webster	Huntington	38.667178	-80.480225	PEM	RPWWD	05050007	Temporary Access Road	0.0620	-	-	300	-	4-201
W-KK3	Webster	Huntington	38.667027	-80.478547	PEM	RPWWD	05050007	Pipeline ROW	0.0222	-	-	357	-	4-201
W-R3	Webster	Huntington	38.666869	-80.480889	PEM	NRPWW	05050007	Temporary Access Road	0.0155	-	-	75	-	4-201
W-F46	Webster	Huntington	38.664132	-80.479008	PEM	RPWWN	05050007	Timber Mat Crossing	0.0039	-	-	19	-	4-202
W-R4	Webster	Huntington	38.664021	-80.483434	PEM	NRPWW	05050007	Temporary Access Road	0.0432	-	-	209	-	4-204
W-H75	Webster	Huntington	38.607280	-80.504722	PEM	RPWWN	05050007	Pipeline ROW	0.0108	-	-	174	-	4-219
W-H79	Webster	Huntington	38.602069	-80.508493	PEM	NRPWW	05050007	Timber Mat Crossing	0.0077	-	-	125	-	4-220
W-H81	Webster	Huntington	38.599491	-80.506376	PEM	NRPWW	05050007	Timber Mat Crossing	0.0237	-	-	115	-	4-220
W-H82	Webster	Huntington	38.598415	-80.505238	PEM	NRPWW	05050007	Timber Mat Crossing	0.0128	-	-	62	-	4-221
W-H86	Webster	Huntington	38.591803	-80.508481	PEM	NRPWW	05050007	Pipeline ROW	0.0013	-	-	6	-	4-222
W-H83	Webster	Huntington	38.591372	-80.508904	PEM	NRPWW	05050007	Pipeline ROW/Temporary Access Road	0.0177	-	-	86	-	4-222
W-T4	Webster	Huntington	38.586855	-80.518697	PEM	NRPWW	05050007	Temporary Access Road	0.0403	-	-	195	-	4-224
W-H85	Webster	Huntington	38.586644	-80.510350	PEM	NRPWW	05050007	Pipeline ROW	0.0069	-	-	33	-	4-222
W-A20-PFO	Webster	Huntington	38.566923	-80.529968	PFO	NRPWW	05050007	Timber Mat Crossing	-	0.0298	-	144	-	4-232
W-A20-PEM	Webster	Huntington	38.566910	-80.530098	PEM	NRPWW	05050007	Timber Mat Crossing	0.0117	-	-	57	-	4-232
W-A19	Webster	Huntington	38.557156	-80.538578	PEM	RPWWD	05050007	Temporary Access Road	0.0265	-	-	128	-	4-235
W-H70	Webster	Huntington	38.557097	-80.526293	PEM	NRPWW	05050007	Permanent Access Road	-	-	0.0057	-	28	4-238
W-H71	Webster	Huntington	38.556454	-80.526913	PEM	NRPWW	05050007	Permanent Access Road	-	-	0.0205	-	99	4-238
W-H72	Webster	Huntington	38.553783	-80.527760	PEM	NRPWW	05050007	Permanent Access Road	-	-	0.0064	-	31	4-237
W-H73	Webster	Huntington	38.553085	-80.528148	PEM	NRPWW	05050007	Permanent Access Road	-	-	0.0061	-	29	4-237

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Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-H74	Webster	Huntington	38.552748	-80.533585	PEM	NRPWW	05050007	Permanent Access Road	-	-	0.0115	-	56	4-237
W-H67	Webster	Huntington	38.549313	-80.539242	PFO	RPWWD	05050007	Pipeline ROW/Temporary Access Road	-	0.0908	-	1,465	-	4-236
W-H66	Webster	Huntington	38.548873	-80.539592	PFO	RPWWD	05050007	Pipeline ROW	-	0.2496	-	4,026	-	4-236
W-H64-PEM	Webster	Huntington	38.548175	-80.540709	PEM	RPWWD	05050007	Pipeline ROW	0.0276	-	-	133	-	4-236
W-H64-PSS	Webster	Huntington	38.548099	-80.540896	PSS	RPWWD	05050007	Pipeline ROW	-	0.0422	-	681	-	4-236
W-H64-PEM-2	Webster	Huntington	38.548058	-80.540847	PEM	RPWWD	05050007	Pipeline ROW	0.0289	-	-	466	-	4-236
W-H56	Webster	Huntington	38.545807	-80.542983	PEM	RPWWD	05050007	Pipeline ROW	0.0206	-	-	100	-	4-248
W-O13	Webster	Huntington	38.533655	-80.513682	PEM	RPWWN	05050007	Permanent Access Road	-	-	0.0405	-	196	4-244
W-KL8	Webster	Huntington	38.519565	-80.545076	PEM	NRPWW	05050007	Pipeline ROW	0.0976	-	-	472	-	4-252
W-H60	Webster	Huntington	38.517850	-80.544693	PEM	NRPWW	05050007	Timber Mat Crossing	0.0495	-	-	240	-	4-253
W-H61	Webster	Huntington	38.517345	-80.545025	PEM	NRPWW	05050007	Timber Mat Crossing	0.0094	-	-	151	-	4-253
W-H62	Webster	Huntington	38.517147	-80.545591	PEM	NRPWW	05050007	Pipeline ROW	0.0335	-	-	162	-	4-253
W-B39	Webster	Huntington	38.508151	-80.559329	PEM	NRPWW	05050007	Pipeline ROW	0.0906	-	-	1,462	-	4-255
W-B31	Webster	Huntington	38.494322	-80.561155	PEM	RPWWD	05050007	Pipeline ROW	0.0515	-	-	831	-	4-260
W-B35	Webster	Huntington	38.493757	-80.560962	PSS	RPWWD	05050007	Pipeline ROW	-	0.0108	-	174	-	4-260
W-A18	Webster	Huntington	38.481237	-80.555783	PEM	RPWWD	05050007	Temporary Access Road	0.2038	-	-	986	-	4-263
W-E28	Webster	Huntington	38.443010	-80.551309	PSS	RPWWD	05050007	Permanent Access Road	-	-	0.0084	-	40	4-269
W-E30	Webster	Huntington	38.441535	-80.550864	PEM	RPWWN	05050007	Temporary Access Road	-	-	0.0316	-	153	4-269
W-F26	Webster	Huntington	38.428623	-80.567054	PEM	NRPWW	05050007	Timber Mat Crossing	0.0045	-	-	22	-	4-277
W-F29	Webster	Huntington	38.424050	-80.570711	PEM	RPWWD	05050007	Timber Mat Crossing	0.0071	-	-	34	-	4-278
W-F28	Webster	Huntington	38.423890	-80.570659	PEM	RPWWD	05050007	Timber Mat Crossing	0.0071	-	-	34	-	4-278
W-F40	Webster	Huntington	38.421461	-80.570007	PSS	RPWWD	05050007	Temporary Access Road	-	0.0188	-	91	-	4-278
W-F41	Webster	Huntington	38.417599	-80.576458	PEM	RPWWD	05050007	Temporary Access Road	0.0002	-	-	1	-	4-279
W-B30	Webster	Huntington	38.405713	-80.591171	PEM	RPWWD	05050007	Timber Mat Crossing	0.0429	-	-	208	-	4-281
W-B28	Webster	Huntington	38.399940	-80.597527	PEM	RPWWD	05050007	Pipeline ROW/Anode Bed	0.2983	-	-	4,812	-	4-282
W-E21	Webster	Huntington	38.370595	-80.611923	PEM	RPWWD	05050005	Pipeline ROW	0.0389	-	-	627	-	4-289
W-E18-PEM	Webster	Huntington	38.367359	-80.612334	PEM	RPWWD	05050005	Pipeline ROW	0.0208	-	-	101	-	4-290
W-E18-PSS	Webster	Huntington	38.367284	-80.612248	PSS	RPWWD	05050005	Pipeline ROW	-	0.0538	-	868	-	4-290
W-E16	Nicholas	Huntington	38.364427	-80.614459	PEM	NRPWW	05050005	Timber Mat Crossing	0.0091	-	-	44	-	4-291
W-E13	Webster	Huntington	38.364017	-80.616570	PFO	RPWWN	05050005	Timber Mat Crossing	-	0.0107	-	52	-	4-291
W-F13	Nicholas	Huntington	38.356737	-80.631888	PEM	RPWWN	05050005	Timber Mat Crossing	0.0394	-	-	191	-	4-293
W-F12	Nicholas	Huntington	38.356528	-80.632264	PEM	RPWWD	05050005	Timber Mat Crossing	0.0576	-	-	279	-	4-293
W-F11	Nicholas	Huntington	38.355680	-80.633383	PEM	RPWWN	05050005	Timber Mat Crossing	0.0652	-	-	315	-	4-293
W-K23	Nicholas	Huntington	38.355273	-80.633811	PEM	RPWWN	05050005	Pipeline ROW	0.0489	-	-	789	-	4-293
W-K20	Nicholas	Huntington	38.354644	-80.634586	PEM	RPWWD	05050005	Timber Mat Crossing	0.0100	-	-	48	-	4-293
W-IJ51	Nicholas	Huntington	38.352366	-80.636369	PEM	RPWWD	05050005	Pipeline ROW	0.0410	-	-	662	-	4-293
W-IJ50	Nicholas	Huntington	38.350787	-80.637226	PEM	RPWWN	05050005	Pipeline ROW	0.0528	-	-	852	-	4-294
W-IJ55	Nicholas	Huntington	38.343568	-80.646491	PEM	RPWWN	05050005	Pipeline ROW	0.0218	-	-	352	-	4-296
W-B27	Nicholas	Huntington	38.339713	-80.655364	PEM	RPWWD	05050005	Timber Mat Crossing	0.0874	-	-	423	-	4-299
W-B26-PEM-1	Nicholas	Huntington	38.339034	-80.659282	PEM	RPWWD	05050005	Temporary Access Road	0.0273	-	-	132	-	4-299
W-B26-PEM-2	Nicholas	Huntington	38.338935	-80.659254	PEM	RPWWD	05050005	Temporary Access Road	0.0060	-	-	29	-	4-299
W-FF6-PSS	Nicholas	Huntington	38.337803	-80.658933	PSS	RPWWN	05050005	Timber Mat Crossing	-	0.0333	-	161	-	4-299
W-FF6-PEM	Nicholas	Huntington	38.337774	-80.658995	PEM	RPWWN	05050005	Timber Mat Crossing	0.0793	-	-	384	-	4-299
W-FF3	Nicholas	Huntington	38.332776	-80.669068	PEM	RPWWN	05050005	Pipeline ROW	0.0444	-	-	716	-	4-301
W-FF4	Nicholas	Huntington	38.329122	-80.671098	PEM	RPWWD	05050005	Pipeline ROW	0.0037	-	-	18	-	4-301
W-A17	Nicholas	Huntington	38.327813	-80.670776	PEM	NRPWW	05050005	Pipeline ROW	0.1300	-	-	2,098	-	4-301
W-A15	Nicholas	Huntington	38.323735	-80.670118	PSS	RPWWD	05050005	Pipeline ROW	-	0.0891	-	1,437	-	4-302
W-A14	Nicholas	Huntington	38.321643	-80.670901	PFO	RPWWD	05050005	Timber Mat Crossing	-	0.0374	-	181	-	4-302
W-H53	Nicholas	Huntington	38.313047	-80.673265	PEM	RPWWD	05050005	Pipeline ROW	0.0039	-	-	63	-	4-304
W-H50	Nicholas	Huntington	38.309707	-80.676585	PEM	NRPWW	05050005	Temporary Access Road	0.0114	-	-	55	-	4-304
W-N25	Nicholas	Huntington	38.302028	-80.674533	PEM	RPWWD	05050005	Timber Mat Crossing	0.0104	-	-	50	-	4-306
W-N24	Nicholas	Huntington	38.299148	-80.675928	PEM	RPWWN	05050005	Timber Mat Crossing	0.0031	-	-	15	-	4-307
W-N22	Nicholas	Huntington	38.296941	-80.676479	PEM	RPWWN	05050005	Timber Mat Crossing	0.0030	-	-	14	-	4-307
W-I7	Nicholas	Huntington	38.293453	-80.677084	PFO	RPWWD	05050005	Timber Mat Crossing	-	0.0333	-	161	-	4-308
W-CV13	Nicholas	Huntington	38.273139	-80.686452	PEM	RPWWN	05050005	Permanent Access Road	0.0159	-	-	77	-	4-312
W-CV12	Nicholas	Huntington	38.271829	-80.685245	PEM	RPWWD	05050005	Temporary Access Road	0.0098	-	-	47	-	4-312
W-RS04	Nicholas	Huntington	38.264804	-80.683146	PEM	NRPWW	05050005	Temporary Access Road	0.0254	-	-	123	-	4-316
W-J8	Nicholas	Huntington	38.263168	-80.687930	PFO	RPWWD	05050005	Pipeline ROW	-	0.0533	-	860	-	4-315
W-MN4	Nicholas	Huntington	38.262968	-80.683949	PEM	RPWWD	05050005	Temporary Access Road	0.0463	-	-	224	-	4-316
W-J7	Nicholas	Huntington	38.233731	-80.708250	PFO	RPWWD	05050005	Pipeline ROW	-	0.0693	-	1,119	-	4-326
W-N18	Nicholas	Huntington	38.224246	-80.716448	PEM	NRPWW	05050005	Pipeline ROW	0.0075	-	-	36	-	4-328
W-L28	Nicholas	Huntington	38.203621	-80.719372	PEM	RPWWD	05050005	Pipeline ROW	0.0064	-	-	31	-	4-341
W-L27	Nicholas	Huntington	38.202610	-80.718505	PEM	RPWWN	05050005	Timber Mat Crossing	0.0029	-	-	14	-	4-341
W-I11a	Nicholas	Huntington	38.179434	-80.729511	PEM	RPWWD	05050005	Pipeline ROW	0.0579	-	-	934	-	4-344

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Individual Permit Application  
Mountain Valley Pipeline Project**

Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-U7	Nicholas	Huntington	38.178298	-80.729744	PEM	RPWWN	05050005	ATWS	0.0666	-	-	322	-	4-347
W-I5	Nicholas	Huntington	38.175595	-80.730736	PEM	RPWWN	05050005	Pipeline ROW	0.0082	-	-	133	-	4-347
W-VV2	Nicholas	Huntington	38.161072	-80.735000	PEM	RPWWD	05050005	Timber Mat Crossing	0.0136	-	-	66	-	4-355
W-N16	Nicholas	Huntington	38.157063	-80.738304	PEM	NRPWW	05050005	Timber Mat Crossing	0.0232	-	-	112	-	4-356
W-H41	Nicholas	Huntington	38.127873	-80.733868	PEM	RPWWN	05050005	Timber Mat Crossing	0.0151	-	-	73	-	4-362
W-H33	Nicholas	Huntington	38.124326	-80.735761	PEM	RPWWD	05050005	Pipeline ROW	0.0590	-	-	952	-	4-362
W-H35	Nicholas	Huntington	38.124117	-80.736018	PEM	RPWWN	05050005	Pipeline ROW	-	-	0.0177	-	285	4-362
W-H31	Nicholas	Huntington	38.116376	-80.735285	PEM	RPWWN	05050005	Pipeline ROW	0.0139	-	-	67	-	4-364
W-EF31	Nicholas	Huntington	38.107483	-80.726303	PEM	RPWWD	05050005	Pipeline ROW/ATWS	0.0208	-	-	336	-	4-366
W-M18	Greenbrier	Huntington	38.061194	-80.720732	PEM	NRPWW	05050005	Timber Mat Crossing	0.0364	-	-	176	-	4-374
W-M20	Greenbrier	Huntington	38.060869	-80.723064	PEM	NRPWW	05050005	Pipeline ROW	0.0031	-	-	15	-	4-374
W-M23	Greenbrier	Huntington	38.060683	-80.722348	PEM	NRPWW	05050005	Pipeline ROW	0.0616	-	-	994	-	4-374
W-M22	Greenbrier	Huntington	38.060661	-80.722616	PSS	NRPWW	05050005	Pipeline ROW	-	0.0039	-	19	-	4-374
W-J6	Greenbrier	Huntington	38.053361	-80.732198	PFO	RPWWD	05050005	Pipeline ROW	-	0.0744	-	1,201	-	4-376
W-ST27	Greenbrier	Huntington	38.029124	-80.742585	PEM	NRPWW	05050005	Temporary Access Road	0.0075	-	-	36	-	4-382
W-KL40	Greenbrier	Huntington	38.029060	-80.736807	PEM	RPWWD	05050005	Temporary Access Road	0.0312	-	-	151	-	4-388
W-ST28	Greenbrier	Huntington	38.028800	-80.743155	PEM	NRPWW	05050005	Temporary Access Road	0.0310	-	-	150	-	4-382
W-IJ60	Greenbrier	Huntington	38.024335	-80.739643	PEM	RPWWN	05050005	Temporary Access Road	0.0174	-	-	84	-	4-387
W-IJ59	Greenbrier	Huntington	38.022031	-80.743027	PEM	RPWWN	05050005	Temporary Access Road	0.0024	-	-	12	-	4-387
W-IJ58-PEM-3	Greenbrier	Huntington	38.021808	-80.743351	PEM	RPWWD	05050005	Temporary Access Road	0.0056	-	-	27	-	4-387
W-V6	Greenbrier	Huntington	37.993269	-80.756363	PEM	RPWWN	05050005	Temporary Access Road	0.0422	-	-	204	-	4-394
W-HS1	Greenbrier	Huntington	37.986454	-80.758418	PEM	NRPWW	05050005	Pipeline ROW	-	-	0.0360	-	581	4-395
W-QR2	Greenbrier	Huntington	37.983978	-80.756817	PEM	RPWWD	05050005	Permanent Access Road	-	-	0.0010	-	5	4-397
W-QR2	Greenbrier	Huntington	37.983212	-80.756099	PEM	RPWWD	05050005	Pipeline ROW/Temporary Access Road	0.2435	-	-	3,929	-	4-397
W-L16	Greenbrier	Huntington	37.980653	-80.754908	PEM	RPWWD	05050005	Pipeline ROW	0.0247	-	-	398	-	4-397
W-L19	Greenbrier	Huntington	37.954250	-80.739757	PEM	RPWWD	05050005	Pipeline ROW/Temporary Access Road	0.1060	-	-	1,711	-	4-402
W-L13	Greenbrier	Huntington	37.953825	-80.740037	PEM	RPWWN	05050005	Pipeline ROW	0.0316	-	-	509	-	4-402
W-L12	Greenbrier	Huntington	37.953736	-80.739892	PEM	RPWWN	05050005	Pipeline ROW	0.0075	-	-	36	-	4-402
W-L11	Greenbrier	Huntington	37.949563	-80.742715	PEM	RPWWD	05050005	Pipeline ROW	0.0194	-	-	94	-	4-403
W-L4	Greenbrier	Huntington	37.938675	-80.746774	PEM	RPWWN	05050005	Pipeline ROW	0.0404	-	-	196	-	4-405
W-L2	Greenbrier	Huntington	37.938326	-80.746878	PEM	RPWWD	05050005	Pipeline ROW/Temporary Access Road	0.0393	-	-	635	-	4-405
W-IJ47-PEM	Greenbrier	Huntington	37.916423	-80.743551	PEM	RPWWD	05050005	Permanent Access Road	-	-	0.0113	-	55	4-410
W-IJ47-PEM	Greenbrier	Huntington	37.916255	-80.743867	PEM	RPWWD	05050005	Permanent Access Road	-	-	0.0520	-	252	4-410
W-W10	Greenbrier	Huntington	37.911495	-80.727880	PEM	NRPWW	05050005	Temporary Access Road	0.0488	-	-	236	-	4-412
W-K7	Greenbrier	Huntington	37.863700	-80.757095	PEM	RPWWN	05050005	Pipeline ROW	0.0078	-	-	126	-	4-421
W-K7	Greenbrier	Huntington	37.863527	-80.757286	PEM	RPWWN	05050005	Pipeline ROW	0.3206	-	-	5,173	-	4-421
W-IJ30	Greenbrier	Huntington	37.862357	-80.757476	PEM	RPWWD	05050005	Pipeline ROW	0.3236	-	-	5,221	-	4-421
W-UV9	Greenbrier	Huntington	37.862309	-80.757756	PEM	RPWWN	05050005	Pipeline ROW	0.1090	-	-	1,759	-	4-421
W-UV11	Greenbrier	Huntington	37.861173	-80.757726	PEM	RPWWN	05050005	Pipeline ROW	0.0285	-	-	138	-	4-421
W-UV10	Greenbrier	Huntington	37.861066	-80.757954	PEM	RPWWN	05050005	Pipeline ROW	0.0035	-	-	17	-	4-421
W-K9-PEM-1	Greenbrier	Huntington	37.860916	-80.757817	PEM	RPWWD	05050005	Pipeline ROW	0.0354	-	-	572	-	4-421
W-K10	Greenbrier	Huntington	37.858743	-80.755724	PEM	RPWWN	05050005	Pipeline ROW	0.0068	-	-	33	-	4-422
W-UV4	Greenbrier	Huntington	37.854391	-80.755038	PSS	RPWWD	05050005	Pipeline ROW	-	0.0885	-	1,427	-	4-422
W-UV8	Greenbrier	Huntington	37.851590	-80.752937	PEM	RPWWD	05050005	Pipeline ROW	0.4913	-	-	7,926	-	4-423
W-EE4	Summers	Huntington	37.813845	-80.748769	PEM	RPWWD	05050004	Pipeline ROW	0.0453	-	-	730	-	4-429
W-M2	Summers	Huntington	37.807721	-80.746088	PEM	RPWWD	05050004	Pipeline ROW	0.1064	-	-	1,717	-	4-430
W-I10	Summers	Huntington	37.783907	-80.718899	PEM	NRPWW	05050005	Permanent Access Road	-	-	0.0550	-	266	4-437
W-EF40	Summers	Huntington	37.693888	-80.735663	PEM	RPWWD	05050003	Timber Mat Crossing	0.0889	-	-	430	-	4-461
W-MM20-PFO	Summers	Huntington	37.681648	-80.730225	PFO	RPWWD	05050003	Pipeline ROW, Temporary Access Road, AT	-	0.2990	-	3,773	-	4-464
W-EF36	Summers	Huntington	37.675423	-80.732001	PEM	RPWWN	05050003	Timber Mat Crossing	0.0035	-	-	17	-	4-465
W-K2-PEM	Summers	Huntington	37.668130	-80.723493	PEM	RPWWD	05050003	Pipeline ROW	0.0140	-	-	225	-	4-468
W-G7	Summers	Huntington	37.654106	-80.702592	PEM	NRPWW	05050003	Timber Mat Crossing	0.0121	-	-	59	-	4-471
W-OP1	Monroe	Huntington	37.600067	-80.700400	PEM	RPWWD	05050003	Pipeline ROW	0.1359	-	-	2,193	-	4-487
W-A13	Monroe	Huntington	37.559410	-80.710082	PEM	RPWWD	05050002	Pipeline ROW/Temporary Access Road	0.2991	-	-	4,826	-	4-493
W-A13	Monroe	Huntington	37.559332	-80.709734	PEM	RPWWD	05050002	Permanent Access Road	-	-	0.0228	-	110	4-493
W-MN14	Monroe	Huntington	37.520227	-80.707365	PEM	RPWWD	05050002	Pipeline ROW/Access Road/ATWS	0.0390	-	-	313	-	4-500
W-MN15	Monroe	Huntington	37.520166	-80.707532	PEM	RPWWN	05050002	Pipeline ROW	0.0070	-	-	113	-	4-500
W-MN18-PEM	Monroe	Huntington	37.487662	-80.681791	PEM	RPWWD	05050002	Pipeline ROW	0.0510	-	-	823	-	4-510
W-MN18-PFO	Monroe	Huntington	37.487474	-80.681854	PFO	RPWWD	05050002	Pipeline ROW	-	0.1750	-	2,823	-	4-510
W-MN1	Monroe	Huntington	37.473153	-80.675740	PEM	RPWWD	05050002	Timber Mat Crossing	0.0187	-	-	90	-	4-512
W-G6	Monroe	Huntington	37.472534	-80.675718	PEM	RPWWD	05050002	Pipeline ROW	0.0684	-	-	1,103	-	4-512
W-CV25-PSS-1	Monroe	Huntington	37.462852	-80.669557	PSS	RPWWD	05050002	Pipeline ROW	-	0.0270	-	436	-	4-513
W-MN24	Monroe	Huntington	37.462833	-80.670273	PEM	NRPWW	05050002	Pipeline ROW	0.0100	-	-	161	-	4-513
W-CV25-PEM-2	Monroe	Huntington	37.462746	-80.669518	PEM	RPWWD	05050002	Pipeline ROW	0.0200	-	-	323	-	4-513

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Mountain Valley Pipeline Project**

Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-E12	Monroe	Huntington	37.450761	-80.667516	PEM	RPWWD	05050002	Pipeline ROW	0.0041	-	-	20	-	4-516
W-C14	Monroe	Huntington	37.427083	-80.694569	PEM	RPWWN	05050002	Pipeline ROW	0.0113	-	-	55	-	4-521
W-C13	Monroe	Huntington	37.426734	-80.694534	PEM	RPWWD	05050002	Pipeline ROW	0.2172	-	-	3,503	-	4-521
W-C17	Monroe	Huntington	37.425547	-80.693481	PEM	RPWWD	05050002	Temporary Access Road	0.0306	-	-	148	-	4-521
W-Z11	Giles	Norfolk	37.346591	-80.641713	PEM	NRPWW	05050002	Pipeline ROW	0.0262	-	-	423	-	4-543
W-Z3	Giles	Norfolk	37.342244	-80.620612	PSS	RPWWD	05050002	Timber Mat Crossing	-	0.0136	-	66	-	4-545
W-CD12	Giles	Norfolk	37.318644	-80.441717	PEM	RPWWD	05050002	Pipeline ROW	0.0208	-	-	335	-	4-577
W-MM10	Giles	Norfolk	37.298219	-80.480617	PEM	RPWWD	05050002	Temporary Access Road	0.0254	-	-	123	-	4-569
W-RR1b	Giles	Norfolk	37.296670	-80.494042	PEM	RPWWD	05050002	Timber Mat Crossing	0.0056	-	-	27	-	4-567
W-IJ46-PEM	Montgomery	Norfolk	37.296153	-80.367508	PEM	RPWWD	03010101	Pipeline ROW	0.0294	-	-	474	-	4-591
W-AD4	Montgomery	Norfolk	37.286984	-80.330124	PEM	RPWWD	03010101	Temporary Access Road	0.0069	-	-	33	-	4-596
W-NN6	Montgomery	Norfolk	37.268174	-80.316468	PEM	RPWWN	03010101	Timber Mat Crossing	0.0083	-	-	40	-	4-603
W-F9-PFO	Montgomery	Norfolk	37.258109	-80.285892	PFO	RPWWD	03010101	Pipeline ROW	-	0.0169	-	82	-	4-609
W-C12-PEM	Montgomery	Norfolk	37.257265	-80.281667	PEM	RPWWD	03010101	Pipeline ROW	0.2066	-	-	3,333	-	4-609
W-C12	Montgomery	Norfolk	37.257192	-80.281649	PFO	RPWWD	03010101	Pipeline ROW	-	0.0523	-	253	-	4-609
W-C11	Montgomery	Norfolk	37.257107	-80.281351	PSS	RPWWD	03010101	Pipeline ROW	-	0.0461	-	223	-	4-609
W-C6	Montgomery	Norfolk	37.255860	-80.275715	PEM	NRPWW	03010101	Timber Mat Crossing	0.0139	-	-	67	-	4-610
W-C5	Montgomery	Norfolk	37.255606	-80.274237	PEM	NRPWW	03010101	Pipeline ROW	0.0454	-	-	732	-	4-610
W-AB7	Montgomery	Norfolk	37.231426	-80.198615	PEM	RPWWD	03010101	Timber Mat Crossing	0.0040	-	-	19	-	4-631
W-KL58	Montgomery	Norfolk	37.229183	-80.203106	PEM	RPWWD	03010101	Permanent Access Road	-	-	0.0392	-	190	4-631
W-EF5-PFO	Montgomery	Norfolk	37.210948	-80.193359	PFO	RPWWD	03010101	Pipeline ROW	-	0.0852	-	1,374	-	4-635
W-EF18	Roanoke	Norfolk	37.179449	-80.140665	PSS	RPWWD	03010101	Temporary Access Road	-	0.0052	-	25	-	4-647
W-EF17	Roanoke	Norfolk	37.179402	-80.140600	PFO	RPWWD	03010101	Temporary Access Road	-	0.0224	-	108	-	4-647
W-IJ94-PEM	Roanoke	Norfolk	37.170092	-80.138294	PEM	RPWWD	03010101	Timber Mat Crossing	0.0202	-	-	98	-	4-649
W-IJ96-PEM	Roanoke	Norfolk	37.169461	-80.130376	PEM	RPWWD	03010101	Permanent Access Road	-	-	0.0133	-	63	4-650
W-IJ96-PEM	Roanoke	Norfolk	37.169461	-80.130376	PEM	RPWWD	03010101	Permanent Access Road	0.0028	-	-	14	-	4-650
W-IJ97	Roanoke	Norfolk	37.169197	-80.129448	PEM	RPWWD	03010101	Permanent Access Road	-	-	0.0005	-	2	4-650
W-IJ95-PSS	Roanoke	Norfolk	37.169068	-80.138278	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0254	-	123	-	4-649
W-IJ102	Roanoke	Norfolk	37.168289	-80.138375	PFO	RPWWD	03010101	Timber Mat Crossing	-	0.0100	-	48	-	4-649
W-KL17	Roanoke	Norfolk	37.160152	-80.134774	PSS	RPWWD	03010101	Pipeline ROW	-	0.0435	-	702	-	4-651
W-EF42	Roanoke	Norfolk	37.157611	-80.133722	PEM	RPWWD	03010101	Pipeline ROW	0.0083	-	-	40	-	4-652
W-HS02	Roanoke	Norfolk	37.157427	-80.133413	PEM	RPWWD	03010101	Pipeline ROW	0.2893	-	-	4,668	-	4-652
W-AB6-PEM-2	Roanoke	Norfolk	37.156825	-80.131998	PEM	RPWWD	03010101	Pipeline ROW	0.3271	-	-	5,277	-	4-652
W-AB6-PFO-1	Roanoke	Norfolk	37.156713	-80.131681	PFO	RPWWD	03010101	Pipeline ROW	-	0.0618	-	997	-	4-652
W-AB6-PEM-1	Roanoke	Norfolk	37.156170	-80.130794	PEM	RPWWD	03010101	Pipeline ROW	0.0647	-	-	1,044	-	4-652
W-AB6-PSS	Roanoke	Norfolk	37.156034	-80.130603	PSS	RPWWD	03010101	Pipeline ROW	-	0.0061	-	30	-	4-652
W-AB5	Roanoke	Norfolk	37.155840	-80.130227	PFO	RPWWN	03010101	Pipeline ROW	-	0.0042	-	20	-	4-652
W-AB3-PEM-2	Roanoke	Norfolk	37.155664	-80.129569	PEM	RPWWD	03010101	Pipeline ROW	0.1547	-	-	2,495	-	4-652
W-EF46	Roanoke	Norfolk	37.154575	-80.129122	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0682	-	330	-	4-652
W-KL48-PSS-1	Roanoke	Norfolk	37.152292	-80.130022	PSS	RPWWD	03010101	Pipeline ROW	-	0.0454	-	733	-	4-653
W-KL48-PEM	Roanoke	Norfolk	37.151965	-80.130049	PEM	RPWWD	03010101	Pipeline ROW	0.0063	-	-	31	-	4-653
W-KL48-PSS-2	Roanoke	Norfolk	37.150926	-80.131271	PSS	RPWWD	03010101	Pipeline ROW	-	0.0264	-	128	-	4-653
W-KL50	Roanoke	Norfolk	37.150728	-80.131537	PEM	RPWWN	03010101	Pipeline ROW	0.0408	-	-	658	-	4-653
W-KL49	Roanoke	Norfolk	37.150297	-80.132193	PEM	RPWWN	03010101	Timber Mat Crossing	0.0152	-	-	74	-	4-653
W-KL51-PEM	Roanoke	Norfolk	37.150006	-80.132403	PEM	RPWWD	03010101	Timber Mat Crossing	0.0063	-	-	30	-	4-653
W-KL51-PSS	Roanoke	Norfolk	37.149975	-80.132476	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0080	-	39	-	4-653
W-MN7-PEM	Roanoke	Norfolk	37.148328	-80.133901	PEM	RPWWD	03010101	Timber Mat Crossing	0.0116	-	-	56	-	4-653
W-EF44	Roanoke	Norfolk	37.142977	-80.138322	PEM	RPWWD	03010101	Timber Mat Crossing	0.0085	-	-	41	-	4-654
W-IJ36	Roanoke	Norfolk	37.138922	-80.139845	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.1237	-	599	-	4-655
W-Z7	Roanoke	Norfolk	37.136601	-80.128216	PSS	RPWWD	03010101	Temporary Access Road	-	0.0003	-	1	-	4-657
W-Z6	Roanoke	Norfolk	37.136466	-80.128238	PFO	RPWWD	03010101	Temporary Access Road	-	0.0028	-	14	-	4-657
W-IJ62	Roanoke	Norfolk	37.135529	-80.134044	PEM	RPWWD	03010101	Temporary Access Road	0.0001	-	-	1	-	4-656
W-Y2	Roanoke	Norfolk	37.134284	-80.137448	PEM	RPWWD	03010101	Timber Mat Crossing	0.0189	-	-	91	-	4-656
W-IJ10	Roanoke	Norfolk	37.132561	-80.131744	PEM	RPWWD	03010101	Permanent Access Road	0.0020	-	-	10	-	4-656
W-Q11	Roanoke	Norfolk	37.132470	-80.131638	PEM	RPWWD	03010101	Permanent Access Road	0.0130	-	-	63	-	4-656
W-KL1	Roanoke	Norfolk	37.132456	-80.131463	PEM	RPWWN	03010101	Permanent Access Road	0.0018	-	-	9	-	4-656
W-B25-PEM-4	Roanoke	Norfolk	37.128942	-80.133774	PEM	RPWWD	03010101	Timber Mat Crossing	0.0093	-	-	45	-	4-659
W-B25-PEM-1	Roanoke	Norfolk	37.128645	-80.133283	PEM	RPWWD	03010101	Pipeline ROW	0.1934	-	-	3,120	-	4-659
W-B24-PSS	Roanoke	Norfolk	37.128540	-80.130794	PSS	RPWWD	03010101	Pipeline ROW	-	0.1637	-	2,641	-	4-659
W-B24-PEM	Roanoke	Norfolk	37.128530	-80.131060	PEM	RPWWD	03010101	Pipeline ROW	0.1031	-	-	1,663	-	4-659
W-B25-PSS-2	Roanoke	Norfolk	37.128527	-80.132335	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0830	-	402	-	4-659
W-B25-PEM-1	Roanoke	Norfolk	37.128449	-80.132802	PEM	RPWWD	03010101	Timber Mat Crossing	0.0140	-	-	68	-	4-659
W-B25-PEM-2	Roanoke	Norfolk	37.128436	-80.132646	PEM	RPWWD	03010101	Timber Mat Crossing	0.0048	-	-	78	-	4-659
W-ST2-PEM	Franklin	Norfolk	37.125329	-80.121460	PEM	RPWWD	03010101	Pipeline ROW	0.1142	-	-	1,842	-	4-661

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Individual Permit Application  
Mountain Valley Pipeline Project**

Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-RR4	Franklin	Norfolk	37.125117	-80.113530	PEM	RPWWD	03010101	Permanent Access Road	0.0216	-	-	105	-	4-662
W-RR3	Franklin	Norfolk	37.124214	-80.114746	PEM	RPWWD	03010101	Permanent Access Road	0.0019	-	-	9	-	4-662
W-KL41	Franklin	Norfolk	37.123851	-80.115802	PEM	RPWWD	03010101	Permanent Access Road	0.0229	-	-	111	-	4-661
W-D4	Franklin	Norfolk	37.122629	-80.076102	PEM	RPWWN	03010101	Permanent Access Road	0.0031	-	-	15	-	4-667
W-D4	Franklin	Norfolk	37.122625	-80.076071	PEM	RPWWN	03010101	Permanent Access Road	-	-	0.0009	-	4	4-667
W-D7-PEM	Franklin	Norfolk	37.121559	-80.085750	PEM	RPWWD	03010101	Pipeline ROW	0.0159	-	-	77	-	4-666
W-EF3	Franklin	Norfolk	37.117734	-80.095992	PEM	RPWWD	03010101	Permanent Access Road	0.0265	-	-	128	-	4-665
W-IJ1	Franklin	Norfolk	37.092927	-80.027568	PEM	RPWWD	03010101	Pipeline ROW	0.0416	-	-	671	-	4-677
W-IJ2-PSS	Franklin	Norfolk	37.092645	-80.027176	PSS	RPWWD	03010101	Pipeline ROW	-	0.0080	-	129	-	4-677
W-IJ2-PEM	Franklin	Norfolk	37.092596	-80.027214	PEM	RPWWD	03010101	Pipeline ROW	0.0168	-	-	271	-	4-677
W-GH2	Franklin	Norfolk	37.092404	-79.983182	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0130	-	63	-	4-684
W-I18	Franklin	Norfolk	37.091357	-79.992006	PEM	RPWWD	03010101	Timber Mat Crossing	0.0088	-	-	43	-	4-683
W-IJ6	Franklin	Norfolk	37.089156	-80.005036	PEM	RPWWD	03010101	Timber Mat Crossing	0.0046	-	-	22	-	4-681
W-E7	Franklin	Norfolk	37.084557	-79.947595	PEM	RPWWD	03010101	Pipeline ROW	0.2522	-	-	4,068	-	4-690
W-E8	Franklin	Norfolk	37.082843	-79.946100	PEM	RPWWD	03010101	Pipeline ROW	0.0691	-	-	1,114	-	4-690
W-EF51	Franklin	Norfolk	37.064781	-79.874460	PEM	RPWWD	03010101	Pipeline ROW	0.0133	-	-	64	-	4-705
W-KL43b	Franklin	Norfolk	37.059608	-79.840707	PEM	RPWWD	03010101	Pipeline ROW	0.0004	-	-	2	-	4-710
W-CD6	Franklin	Norfolk	37.057586	-79.915232	PEM	RPWWN	03010101	Timber Mat Crossing	0.0934	-	-	452	-	4-698
W-CD5	Franklin	Norfolk	37.05438	-79.910624	PFO	RPWWN	03010101	Pipeline ROW	-	0.1136	-	1,833	-	4-698
W-EF48	Franklin	Norfolk	37.052142	-79.886197	PEM	RPWWD	03010101	Timber Mat Crossing	0.0080	-	-	39	-	4-702
W-CD1	Franklin	Norfolk	37.047767	-79.897568	PFO	RPWWD	03010101	Pipeline ROW	-	0.1106	-	1,785	-	4-701
W-DD1	Franklin	Norfolk	37.031961	-79.788589	PEM	RPWWN	03010101	Pipeline ROW	0.0813	-	-	1,312	-	4-720
W-A12-PFO	Franklin	Norfolk	37.031754	-79.788099	PFO	RPWWD	03010101	Pipeline ROW	-	0.0040	-	19	-	4-720
W-A12-PEM	Franklin	Norfolk	37.031643	-79.788111	PEM	RPWWD	03010101	Pipeline ROW	0.0651	-	-	1,050	-	4-720
W-GH16	Franklin	Norfolk	37.028394	-79.773243	PFO	RPWWD	03010101	Timber Mat Crossing	-	0.0657	-	318	-	4-722
W-H17	Franklin	Norfolk	36.989390	-79.722090	PFO	RPWWD	03010101	Timber Mat Crossing	-	0.0369	-	179	-	4-730
W-H11	Franklin	Norfolk	36.988077	-79.702803	PEM	RPWWD	03010101	Pipeline ROW	0.0468	-	-	755	-	4-734
W-H16	Franklin	Norfolk	36.988073	-79.714967	PEM	RPWWD	03010101	Timber Mat Crossing	0.0232	-	-	112	-	4-731
W-H14	Franklin	Norfolk	36.988069	-79.711841	PEM	RPWWD	03010101	Timber Mat Crossing	0.0061	-	-	30	-	4-732
W-A8	Franklin	Norfolk	36.987947	-79.700844	PEM	RPWWD	03010101	Pipeline ROW	0.0154	-	-	75	-	4-734
W-H15	Franklin	Norfolk	36.987938	-79.714829	PSS	RPWWD	03010101	Timber Mat Crossing	-	0.0071	-	35	-	4-731
W-H9	Franklin	Norfolk	36.978536	-79.682057	PEM	RPWWN	03010101	Timber Mat Crossing	0.0085	-	-	41	-	4-736
W-H6	Franklin	Norfolk	36.972189	-79.663042	PEM	RPWWD	03010101	Pipeline ROW	0.0057	-	-	28	-	4-741
W-D3	Pittsylvania	Norfolk	36.965318	-79.598760	PFO	RPWWN	03010101	Timber Mat Crossing	-	0.0285	-	138	-	4-748
W-MM17	Franklin	Norfolk	36.964731	-79.617067	PEM	RPWWD	03010101	Pipeline ROW	0.0068	-	-	110	-	4-746
W-B5	Pittsylvania	Norfolk	36.959293	-79.586201	PEM	RPWWN	03010101	Pipeline ROW	0.0048	-	-	23	-	4-751
W-B4-PSS	Pittsylvania	Norfolk	36.957884	-79.583666	PSS	RPWWD	03010101	Pipeline ROW	-	0.0047	-	23	-	4-751
W-C1	Pittsylvania	Norfolk	36.929954	-79.526831	PEM	RPWWN	03010101	Timber Mat Crossing	0.0182	-	-	88	-	4-758
W-H5	Pittsylvania	Norfolk	36.924983	-79.517159	PEM	RPWWD	03010101	Pipeline ROW	0.2067	-	-	3,335	-	4-759
W-B3	Pittsylvania	Norfolk	36.916508	-79.492360	PEM	RPWWN	03010101	Timber Mat Crossing	0.0013	-	-	6	-	4-762
W-CC2-PEM	Pittsylvania	Norfolk	36.905418	-79.471566	PEM	RPWWD	03010105	Timber Mat Crossing	0.0272	-	-	132	-	4-765
W-MM5	Pittsylvania	Norfolk	36.903012	-79.468192	PSS	RPWWD	03010105	Timber Mat Crossing	-	0.0390	-	189	-	4-766
W-MM9	Pittsylvania	Norfolk	36.894087	-79.446110	PEM	RPWWN	03010105	Timber Mat Crossing	0.0108	-	-	52	-	4-769
W-MM8-PEM	Pittsylvania	Norfolk	36.894034	-79.445486	PEM	RPWWN	03010105	Pipeline ROW	0.0553	-	-	893	-	4-769
W-MM8-PFO	Pittsylvania	Norfolk	36.893930	-79.445461	PFO	RPWWN	03010105	Pipeline ROW	-	0.0421	-	679	-	4-769
W-Q2	Pittsylvania	Norfolk	36.884674	-79.428607	PFO	RPWWD	03010105	Pipeline ROW	-	0.3770	-	6,082	-	4-771
W-Q1	Pittsylvania	Norfolk	36.883985	-79.427305	PEM	RPWWD	03010105	Pipeline ROW	0.0146	-	-	236	-	4-771
W-G2	Pittsylvania	Norfolk	36.851816	-79.385930	PEM	RPWWD	03010105	Timber Mat Crossing	0.0346	-	-	167	-	4-779
W-H1	Pittsylvania	Norfolk	36.836097	-79.360895	PEM	RPWWN	03010105	Pipeline ROW	0.0110	-	-	53	-	4-782
W-EF6	Pittsylvania	Norfolk	36.835004	-79.339128	PFO	RPWWD	03010105	Pipeline ROW	-	0.0667	-	323	-	4-786
W-H2	Pittsylvania	Norfolk	36.834817	-79.360479	PEM	RPWWD	03010105	Pipeline ROW	0.7987	-	-	12,886	-	4-782
W-IJ21	Pittsylvania	Norfolk	36.834623	-79.338527	PFO	RPWWN	03010105	Timber Mat Crossing	-	0.0106	-	51	-	4-786
W-H3	Pittsylvania	Norfolk	36.833741	-79.360081	PEM	RPWWN	03010105	Pipeline ROW	0.0509	-	-	821	-	4-783

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Wetland ID*	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>1</sup>	Cowardin Class <sup>2</sup>	USACE Water Type <sup>3</sup>	HUC 8	Impact Type	Temporary Impacts (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Fill Impacts (acres) <sup>4</sup>	Temporary Fill (cubic yards) <sup>5</sup>	Permanent Fill (cubic yards) <sup>6</sup>	Figure
W-MM3	Pittsylvania	Norfolk	36.830361	-79.356631	PSS	RPWWD	03010105	Pipeline ROW	-	0.0340	-	548	-	4-783
W-IJ22-PEM	Pittsylvania	Norfolk	36.827780	-79.350264	PEM	RPWWD	03010105	Timber Mat Crossing	0.0390	-	-	189	-	4-784
W-IJ22-PFO	Pittsylvania	Norfolk	36.827748	-79.350295	PFO	RPWWD	03010105	Timber Mat Crossing	-	0.0785	-	380	-	4-784

Notes:

- 1 - In decimal degrees.
- 2 - PEM = Palustrine Emergent  
- PSS = Palustrine Scrub-Shrub  
- PFO = Palustrine Forested
- 3 - RPWWD = Wetlands directly abutting Relatively Permanent Waters (RPWs) that flow directly or indirectly into Traditional Navigable Waterways (TNWs)  
- RPWWN = Wetlands adjacent but not directly abutting RPWs that flow directly or indirectly into TNWs  
- NRPWW = Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs
- 4 Construction of access roads will not result in impacts to tidal wetlands or wetlands adjacent to tidal waters. Construction, maintenance, or expansion of substation facilities will not result in discharges to non-tidal wetlands adjacent to tidal waters of the United States.
- 5 - Temporary fill discharge into waters of the U.S.
- 6 - Permanent fill associated with the construction of permanent access road and facilities