

Mountain Valley Pipeline Project

Docket No. CP16-10-000

Attachment DR5 Fisheries 1b

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Wetland Impacts Requiring Mitigation

Stream ID	State	County	Latitude	Longitude	Cowardin Class	Impact Type	Permanent Impact (Acres)
W-IJ31	WV	Wetzel	39.505612	-80.541681	PEM	Permanent Access Road	0.0082
W-A27-PFO	WV	Wetzel	39.502389	-80.523497	PFO	Pipeline ROW	0.0547
W-WX4	WV	Wetzel	39.463844	-80.502622	PEM	Permanent Access Road	0.0055
W-A39	WV	Harrison	39.358842	-80.490742	PEM	Permanent Access Road	0.0242
W-ST12-PSS	WV	Harrison	39.337471	-80.522128	PSS	Temporary Access Road/ATWS	0.1444
W-UU1	WV	Harrison	39.290258	-80.518898	PFO	Pipeline ROW	0.0045
W-UU3	WV	Harrison	39.28975	-80.518517	PFO	Pipeline ROW	0.0065
W-K52	WV	Doddridge	39.236727	-80.55855	PEM	Permanent Access Road	0.0115
W-A23	WV	Doddridge	39.201157	-80.553264	PEM	Permanent Access Road	0.0579
W-K33-PSS	WV	Lewis	39.095059	-80.585064	PSS	Pipeline ROW	0.0024
W-I22-PEM	WV	Lewis	39.05276	-80.582147	PEM	Permanent Access Road	0.0059
W-K28	WV	Lewis	39.009838	-80.598294	PEM	Permanent Access Road	0.0091
W-L41	WV	Lewis	39.005703	-80.595151	PEM	Permanent Access Road	0.0111
W-H98	WV	Lewis	38.925976	-80.578373	PEM	Permanent Access Road	0.0331
W-UV17	WV	Lewis	38.893199	-80.556196	PFO	Pipeline ROW	0.0055
W-VV11	WV	Lewis	38.890612	-80.554981	PEM	Permanent Access Road	0.0236
W-VV12	WV	Lewis	38.890278	-80.553822	PEM	Permanent Access Road	0.0207
W-VV4-PFO	WV	Lewis	38.863238	-80.525813	PFO	Pipeline ROW	0.0954
W-VV3-PFO	WV	Braxton	38.862691	-80.525163	PFO	Pipeline ROW	0.0160
W-IJ26	WV	Braxton	38.809174	-80.542584	PEM	Permanent Access Road	0.0039
W-EF9	WV	Braxton	38.808212	-80.54427	PFO	Temporary Access Road	0.0201
W-K24	WV	Braxton	38.766065	-80.520414	PSS	Pipeline ROW	0.0074
W-A20-PFO	WV	Webster	38.566923	-80.529968	PFO	Pipeline ROW	0.0725
W-KK2	WV	Webster	38.558182	-80.524141	PEM	Permanent Access Road	0.0085
W-H69	WV	Webster	38.557502	-80.525163	PEM	Permanent Access Road	0.0060
W-H70	WV	Webster	38.557097	-80.526293	PEM	Permanent Access Road	0.0057
W-H71	WV	Webster	38.556454	-80.526913	PEM	Permanent Access Road	0.0205

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W-H72	WV	Webster	38.553783	-80.52776	PEM	Permanent Access Road	0.0064
W-H73	WV	Webster	38.553085	-80.528148	PEM	Permanent Access Road	0.0061
W-H74	WV	Webster	38.552748	-80.533585	PEM	Permanent Access Road	0.0115
W-H67	WV	Webster	38.549313	-80.539242	PFO	Pipeline ROW/Temporary Access Road	0.0908
W-H66	WV	Webster	38.548873	-80.539592	PFO	Pipeline ROW	0.2496
W-H64-PSS	WV	Webster	38.548099	-80.540896	PSS	Pipeline ROW	0.0422
W-O13	WV	Webster	38.533655	-80.513682	PEM	Permanent Access Road	0.0405
W-B35	WV	Webster	38.493757	-80.560962	PSS	Pipeline ROW	0.0108
W-E28	WV	Webster	38.44301	-80.551309	PSS	Permanent Access Road	0.0084
W-F40	WV	Webster	38.42146141	80.5700073	PSS	Temporary Access Road	0.0188
W-E18-PSS	WV	Webster	38.367284	-80.612248	PSS	Pipeline ROW	0.0538
W-E13	WV	Webster	38.364017	-80.61657	PFO	Pipeline ROW	0.0107
W-K23	WV	Nicholas	38.355237	-80.633777	PEM	Permanent Access Road	0.0195
W-FF6-PSS	WV	Nicholas	38.337803	-80.658933	PSS	Pipeline ROW	0.0987
W-A15	WV	Nicholas	38.323735	-80.670118	PSS	Pipeline ROW	0.0891
W-A14	WV	Nicholas	38.321643	-80.670901	PFO	Pipeline ROW	0.0972
W-I7	WV	Nicholas	38.293453	-80.677084	PFO	Pipeline ROW	0.0391
W-J8	WV	Nicholas	38.263168	-80.68793	PFO	Pipeline ROW	0.0533
W-J7	WV	Nicholas	38.233731	-80.70825	PFO	Pipeline ROW	0.0693
W-H45-PFO	WV	Nicholas	38.137212	-80.729564	PFO	Temporary Access Road	0.0211
W-V4	WV	Nicholas	38.115834	-80.731137	PSS	Pipeline ROW	0.0031
W-M22	WV	Greenbrier	38.060661	-80.722616	PSS	Pipeline ROW	0.0039
W-J6	WV	Greenbrier	38.053361	-80.732198	PFO	Pipeline ROW	0.0744
W-J5	WV	Greenbrier	38.028817	-80.743566	PSS	Pipeline ROW	0.0052
W-QR2	WV	Greenbrier	37.983978	-80.756817	PEM	Permanent Access Road	0.0010
W-L7	WV	Greenbrier	37.934077	-80.744896	PEM	Permanent Access Road	0.0015

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W-L6	WV	Greenbrier	37.93372	-80.745329	PEM	Permanent Access Road	0.0188
W-EF28	WV	Greenbrier	37.923033	-80.740465	PFO	Anode Bed	0.0095
W-IJ47-PEM	WV	Greenbrier	37.916423	-80.743551	PEM	Permanent Access Road	0.0113
W-W11	WV	Greenbrier	37.911778	-80.729952	PEM	Permanent Access Road	0.0044
W-W10	WV	Greenbrier	37.911495	-80.72788	PEM	Permanent Access Road	0.0439
W-W9	WV	Greenbrier	37.910671	-80.728841	PEM	Permanent Access Road	0.0087
W-EE6	WV	Fayette	37.869071	-80.759476	PEM	Station	0.0026
W-EE7	WV	Fayette	37.868952	-80.759689	PEM	Station	0.0045
W-UV4	WV	Greenbrier	37.854391	-80.755038	PSS	Pipeline ROW	0.0885
W-I10	WV	Summers	37.783907	-80.718899	PEM	Permanent Access Road	0.0550
TTWV-W-56 PFO	WV	Summers	37.775814	-80.75768	PFO	Temporary Access Road	0.0015
TTWV-W-55	WV	Summers	37.775376	-80.755362	PFO	Temporary Access Road	0.3435
TTWV-W-54	WV	Summers	37.774952	-80.742788	PFO	Temporary Access Road	0.182
TTWV-W- MM20	WV	Greenbrier	37.681648	-80.730271	PFO	Pipeline ROW	0.1407
TTWV-W- MM20	WV	Greenbrier	37.681037	-80.730074	PFO	Temporary Access Road	0.2458
W-A13	WV	Monroe	37.559332	-80.709734	PEM	Permanent Access Road	0.0228
TTWV-W-21	WV	Monroe	37.540366	-80.723439	PEM	Permanent Access Road	0.0342
TTWV-W-20	WV	Monroe	37.539856	-80.722691	PEM	Permanent Access Road	0.0631
TTWV-W-32	WV	Monroe	37.501271	-80.690426	PFO	Pipeline ROW/Temporary Access Road	0.3927
TTWV-W-34	WV	Monroe	37.492285	-80.682884	PEM	Permanent Access Road	0.0006
TTWV-W-35	WV	Monroe	37.487575	-80.681867	PFO	Pipeline ROW	0.257
TTWV-W-9	WV	Monroe	37.486843	-80.690214	PFO	Temporary Access Road	0.0142
TTWV-W-9	WV	Monroe	37.48678	-80.690297	PFO	Permanent Access Road	0.012
TTWV-W-36	WV	Monroe	37.465668	-80.662252	PSS	Temporary Access Road	0.0058

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Stream ID	State	County	Latitude	Longitude	Cowardin Class	Impact Type	Permanent Impact (Acres)
W-KL14	VA	Giles	37.395896	-80.680476	PSS	Pipeline ROW	0.0037
W-UU11	VA	Giles	37.380219	-80.720470	PEM	Permanent Access Road	0.0053
W-UU12	VA	Giles	37.378363	-80.722557	PEM	Permanent Access Road	0.0004
W-HH15	VA	Giles	37.371018	-80.736213	PEM	Temporary Access Road	0.0001
W-Z3	VA	Giles	37.342244	-80.620612	PFO	Pipeline ROW	0.0268
W-IJ46-PFO	VA	Montgomery	37.296251	-80.367491	PFO	Pipeline ROW	0.0002
W-F9-PFO	VA	Montgomery	37.258109	-80.285892	PFO	Pipeline ROW	0.0169
W-C12	VA	Montgomery	37.257192	-80.281649	PFO	Pipeline ROW	0.0523
W-C11	VA	Montgomery	37.257107	-80.281351	PSS	Pipeline ROW	0.0461
W-NN8	VA	Montgomery	37.233519	-80.197841	PFO	Pipeline ROW	0.0759
TTVA-W-CD11	VA	Montgomery	37.228395	-80.200159	PEM	Permanent Access Road	0.0019
W-CD11	VA	Montgomery	37.228264	-80.200066	PEM	Permanent Access Road	0.0002
W-EF5-PFO	VA	Montgomery	37.210948	-80.193359	PFO	Pipeline ROW	0.1106
W-EF22	VA	Roanoke	37.180936	-80.143495	PFO	Pipeline ROW	0.0787
W-EF15	VA	Roanoke	37.180459	-80.140218	PSS	Temporary Access Road	0.0034
W-EF18	VA	Roanoke	37.179449	-80.140665	PSS	Temporary Access Road	0.0105
W-EF17	VA	Roanoke	37.179402	-80.140600	PFO	Temporary Access Road	0.0396
W-EF19	VA	Roanoke	37.179398	-80.141483	PSS	Pipeline ROW	0.0448
TTVA-W-302	VA	Roanoke	37.169249	-80.129146	PEM	Permanent Access Road	0.0024
TTVA-W-006	VA	Roanoke	37.168502	-80.138276	PSS	Pipeline ROW	0.3110
W-KL17	VA	Roanoke	37.160152	-80.134774	PSS	Pipeline ROW	0.0435
W-AB6-PFO-1	VA	Roanoke	37.156713	-80.131681	PFO	Pipeline ROW	0.0618
W-AB6-PSS	VA	Roanoke	37.156034	-80.130603	PSS	Pipeline ROW	0.0061
W-AB5	VA	Roanoke	37.155840	-80.130227	PFO	Pipeline ROW	0.0042
W-EF46	VA	Roanoke	37.154696	-80.129074	PSS	Pipeline ROW	0.0980
TTVA-W-EF46	VA	Roanoke	37.154476	-80.129157	PSS	Pipeline ROW	0.1902
TTVA-W-IJ9-PSS	VA	Roanoke	37.148146	-80.133888	PSS	Pipeline ROW	0.0021

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W-IJ36	VA	Roanoke	37.138922	-80.139845	PSS	Pipeline ROW	0.4372
W-Z7	VA	Roanoke	37.136601	-80.128216	PSS	Temporary Access Road	0.0003
W-Z6	VA	Roanoke	37.136466	-80.128238	PFO	Temporary Access Road	0.0028
W-IJ10	VA	Roanoke	37.132561	-80.131744	PEM	Permanent Access Road	0.0020
W-Q11	VA	Roanoke	37.132470	-80.131638	PEM	Permanent Access Road	0.0130
W-KL1	VA	Roanoke	37.132456	-80.131463	PEM	Permanent Access Road	0.0018
W-B25-PSS-2	VA	Roanoke	37.128527	-80.132335	PSS	Pipeline ROW	0.3751
W-B24-PSS	VA	Roanoke	37.128486	-80.130777	PSS	Pipeline ROW	0.1637
W-RR4	VA	Franklin	37.125117	-80.113530	PEM	Permanent Access Road	0.0217
W-KL41	VA	Franklin	37.123851	-80.115802	PEM	Temporary Access Road	0.0229
W-EF11	VA	Franklin	37.122862	-80.075968	PEM	Permanent Access Road	0.0017
W-D4	VA	Franklin	37.122615	-80.076076	PEM	Temporary Access Road	0.0008
W-EF3	VA	Franklin	37.117734	-80.095992	PEM	Permanent Access Road	0.0265
W-IJ2-PSS	VA	Franklin	37.092645	-80.027176	PSS	Pipeline ROW	0.0080
W-GH2	VA	Franklin	37.092404	-79.983182	PSS	Pipeline ROW	0.0414
W-CD5	VA	Franklin	37.055438	-79.910624	PFO	Pipeline ROW	0.1136
W-CD1	VA	Franklin	37.047767	-79.897568	PFO	Pipeline ROW	0.1106
W-A12-PFO	VA	Franklin	37.031754	-79.788099	PFO	Pipeline ROW	0.0040
W-GH16	VA	Franklin	37.028394	-79.773243	PFO	Pipeline ROW	0.1999
W-H17	VA	Franklin	36.98939	-79.72209	PFO	Pipeline ROW	0.1554
W-H15	VA	Franklin	36.987938	-79.714829	PSS	Pipeline ROW	0.0072
W-D3	VA	Pittsylvania	36.965318	-79.59876	PFO	Pipeline ROW	0.0410
W-B4-PSS	VA	Pittsylvania	36.957884	-79.583666	PSS	Pipeline ROW	0.0047
W-MM5	VA	Pittsylvania	36.903012	-79.468192	PSS	Pipeline ROW	0.0202
W-MM8-PFO	VA	Pittsylvania	36.893930	-79.445461	PFO	Pipeline ROW	0.0421
W-Q2	VA	Pittsylvania	36.884674	-79.428607	PFO	Pipeline ROW	0.3770
W-H26	VA	Pittsylvania	36.848172	-79.373946	PFO	Pipeline ROW	0.0150

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W-EF6	VA	Pittsylvania	36.835004	-79.339128	PFO	Pipeline ROW	0.2045
W-IJ21	VA	Pittsylvania	36.834623	-79.338527	PFO	Pipeline ROW	0.0106
W-MM3	VA	Pittsylvania	36.830361	-79.356631	PSS	Pipeline ROW	0.0340
W-IJ22-PFO	VA	Pittsylvania	36.827748	-79.350295	PFO	Pipeline ROW	0.2713