

Bent Mountain Resources (VA)  
Mountain Valley Pipeline Project

Stream/Wetland ID	County	USACE District	Latitude <sup>1</sup>	Longitude <sup>2</sup>	HUC 12	HUC 12 Name	Flow Regime/Gowardin Code	Water Type <sup>3</sup>	Project Activity	Temporary Impact (linear ft) <sup>3</sup>	Permanent Impact (linear ft) <sup>3</sup>	Temporary Impact Area (acres) <sup>4</sup>	Permanent Conversion Impacts (acres) <sup>4</sup>	Permanent Impact Area (acres) <sup>4</sup>	Temporary Impact Area (square feet) <sup>4</sup>	Permanent Conversion Impacts (square feet) <sup>4</sup>	Permanent Impact Area (square feet) <sup>4</sup>	Travel lane crossing installed and remains in place <sup>5</sup>	Crossing Status <sup>6</sup>	Proposed/Remain in Crossing Method	Include d in Individu al Permit Applicat ion <sup>7</sup>	Figure
S-Y13	Roanoke	Norfolk	37.187677	-80.151146	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	65	-	0.0158	-	-	690	-	-	Yes	Proposed	Open Cut	Yes	4-644
S-Y14	Roanoke	Norfolk	37.187268	-80.151049	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	77	-	0.0247	-	-	1,076	-	-	Yes	Proposed	Open Cut	Yes	4-644
S-EF57	Roanoke	Norfolk	37.181738	-80.148948	0301010103	Bottom Creek	Intermittent	RPW	Temporary Access Road	42	-	0.0077	-	-	335	-	-	-	Proposed	Timber Mat	Yes	4-645
S-EF55	Roanoke	Norfolk	37.181506	-80.149487	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	33	-	0.0061	-	-	266	-	-	Yes	Proposed	Open Cut	Yes	4-645
S-EF34b	Roanoke	Norfolk	37.181395	-80.149140	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	81	-	0.0186	-	-	810	-	-	Yes	Proposed	Open Cut	Yes	4-645
S-EF13	Roanoke	Norfolk	37.179196	-80.141000	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	148	-	0.0306	-	-	1,333	-	-	Yes	Proposed	Open Cut	Yes	4-647
S-U82	Roanoke	Norfolk	37.170458	-80.138216	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	20	-	0.0069	-	-	301	-	-	Yes	Proposed	Bore <sup>8</sup>	Yes	4-648
S-U85	Roanoke	Norfolk	37.169474	-80.130356	0301010103	Bottom Creek	Perennial	RPW	Temporary Access Road	50	-	0.0092	-	-	401	-	-	-	Proposed	Timber Mat	Yes	4-650
S-U83	Roanoke	Norfolk	37.169211	-80.138258	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
S-U85	Roanoke	Norfolk	37.169211	-80.138258	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	14	-	0.0170	-	-	741	-	-	-	Proposed	Timber Mat	Yes	4-649
S-U88	Roanoke	Norfolk	37.168395	-80.138295	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
S-U88	Roanoke	Norfolk	37.168395	-80.138295	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	30	-	0.0450	-	-	1,960	-	-	-	Proposed	Timber Mat	Yes	4-649
S-U84	Roanoke	Norfolk	37.168361	-80.138381	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
S-U84	Roanoke	Norfolk	37.168361	-80.138381	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	35	-	0.0121	-	-	527	-	-	-	Proposed	Timber Mat	Yes	4-649
S-U89	Roanoke	Norfolk	37.165882	-80.139317	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
S-U89	Roanoke	Norfolk	37.165882	-80.139317	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0046	-	-	200	-	-	-	Proposed	Timber Mat	Yes	4-649
S-U90	Roanoke	Norfolk	37.165885	-80.139378	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
S-U90	Roanoke	Norfolk	37.165885	-80.139378	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	20	-	0.0023	-	-	100	-	-	-	Proposed	Timber Mat	Yes	4-649
S-KL25	Roanoke	Norfolk	37.160173	-80.134799	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	82	-	0.0094	-	-	409	-	-	-	Proposed	Open Cut	Yes	4-651
S-ST9b	Roanoke	Norfolk	37.154424	-80.129179	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-652
S-ST9b	Roanoke	Norfolk	37.154424	-80.129179	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0069	-	-	301	-	-	-	Proposed	Timber Mat	Yes	4-652
S-KL55	Roanoke	Norfolk	37.152005	-80.132460	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0089	-	-	391	-	-	Yes	Proposed	Boil <sup>9</sup>	Yes	4-653
S-L112	Roanoke	Norfolk	37.146333	-80.133919	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0060	-	-	261	-	-	Yes	Proposed	Bore <sup>8</sup>	Yes	4-653
S-EF44	Roanoke	Norfolk	37.143003	-80.138399	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	20	-	0.0032	-	-	139	-	-	Yes	Proposed	Bore <sup>8</sup>	Yes	4-654
S-L43	Roanoke	Norfolk	37.138636	-80.139715	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-655
S-L43	Roanoke	Norfolk	37.138636	-80.139715	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0083	-	-	362	-	-	-	Proposed	Timber Mat	Yes	4-655
S-Y7	Roanoke	Norfolk	37.134481	-80.137822	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-656
S-Y7	Roanoke	Norfolk	37.134481	-80.137822	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	32	-	0.0029	-	-	128	-	-	-	Proposed	Timber Mat	Yes	4-656
S-Y8	Roanoke	Norfolk	37.134176	-80.137484	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-656
S-Y8	Roanoke	Norfolk	37.134176	-80.137484	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0018	-	-	78	-	-	-	Proposed	Timber Mat	Yes	4-656
S-B22	Roanoke	Norfolk	37.128923	-80.133769	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-659
S-B22	Roanoke	Norfolk	37.128923	-80.133769	0301010103	Bottom Creek	Perennial	RPW	Timber Mat Crossing	20	-	0.0018	-	-	78	-	-	-	Proposed	Timber Mat	Yes	4-659
S-B23	Roanoke	Norfolk	37.128853	-80.133810	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	14	-	0.0006	-	-	26	-	-	-	Proposed	Timber Mat	Yes	4-659
S-B25	Roanoke	Norfolk	37.128490	-80.132801	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-659
S-B25	Roanoke	Norfolk	37.128490	-80.132801	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	78	-	0.0087	-	-	379	-	-	-	Proposed	Open Cut	Yes	4-659
S-B21	Roanoke	Norfolk	37.128484	-80.130943	0301010103	Bottom Creek	Perennial	RPW	Pipeline ROW	92	-	0.0084	-	-	366	-	-	-	Proposed	Open Cut	Yes	4-659
W-EF18	Roanoke	Norfolk	37.179449	-80.140665	0301010103	Bottom Creek	PSS	RPWWD	Temporary Access Road	-	-	0.0052	-	-	227	-	-	-	Proposed	Timber Mat	Yes	4-647
W-EF17	Roanoke	Norfolk	37.179402	-80.140600	0301010103	Bottom Creek	PFO	RPWWD	Temporary Access Road	-	-	0.0224	-	-	976	-	-	-	Proposed	Timber Mat	Yes	4-647
W-U84-PEM	Roanoke	Norfolk	37.170293	-80.138294	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Timber Mat	Yes	4-649
W-U84-PEM	Roanoke	Norfolk	37.170293	-80.138294	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	-	-	0.0022	-	-	880	-	-	-	Proposed	Timber Mat	Yes	4-649
W-U86-PEM	Roanoke	Norfolk	37.169481	-80.130376	0301010103	Bottom Creek	Intermittent	RPW	Temporary Access Road	-	-	0.0161	-	-	701	-	-	-	Proposed	Timber Mat	Yes	4-650
W-U86-PEM	Roanoke	Norfolk	37.169481	-80.130376	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
W-U85-PSS	Roanoke	Norfolk	37.169098	-80.138278	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
W-U85-PSS	Roanoke	Norfolk	37.169098	-80.138278	0301010103	Bottom Creek	PSS	RPWWD	Timber Mat Crossing	-	-	0.0254	-	-	1,108	-	-	-	Proposed	Timber Mat	Yes	4-649
W-U102	Roanoke	Norfolk	37.168289	-80.138375	0301010103	Bottom Creek	PFO	RPWWD	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-649
W-U102	Roanoke	Norfolk	37.168289	-80.138375	0301010103	Bottom Creek	PFO	RPWWD	Timber Mat Crossing	-	-	0.0100	-	-	436	-	-	-	Proposed	Timber Mat	Yes	4-649
W-KL17	Roanoke	Norfolk	37.160152	-80.134774	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	0.0435	-	-	1,895	-	-	-	Proposed	Open Cut	Yes	4-651
W-EF42	Roanoke	Norfolk	37.152611	-80.133722	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.0083	-	-	362	-	-	-	Proposed	Open Cut	Yes	4-652
W-HS02	Roanoke	Norfolk	37.152427	-80.133413	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.2893	-	-	12,602	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB6-PEM-2	Roanoke	Norfolk	37.158825	-80.131998	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.3271	-	-	14,248	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB6-PFO-1	Roanoke	Norfolk	37.158713	-80.131681	0301010103	Bottom Creek	PFO	RPWWD	Pipeline ROW	-	-	0.0618	-	-	2,692	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB6-PEM-1	Roanoke	Norfolk	37.156170	-80.130794	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.0647	-	-	2,818	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB6-PSS	Roanoke	Norfolk	37.156034	-80.130603	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	-	-	-	266	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB5	Roanoke	Norfolk	37.155840	-80.130227	0301010103	Bottom Creek	PFO	RPWWD	Pipeline ROW	-	-	-	-	-	183	-	-	-	Proposed	Open Cut	Yes	4-652
W-AB5-PEM-2	Roanoke	Norfolk	37.155664	-80.129669	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.1547	-	-	6,739	-	-	-	Proposed	Open Cut	Yes	4-652
W-EF46	Roanoke	Norfolk	37.154575	-80.129122	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	-	-	-	-	-	-	-	Proposed	Bore	Yes	4-652
W-EF46	Roanoke	Norfolk	37.154575	-80.129122	0301010103	Bottom Creek	PSS	RPWWD	Timber Mat Crossing	-	-	0.0682	-	-	2,971	-	-	-	Proposed	Timber Mat	Yes	4-652
W-KL48-PSS-1	Roanoke	Norfolk	37.152292	-80.130022	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	0.0454	-	-	1,978	-	-	Yes	Proposed	Open Cut	Yes	4-653
W-KL48-PEM	Roanoke	Norfolk	37.151955	-80.130049	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.0063	-	-	274	-	-	-	Proposed	Open Cut	Yes	4-653
W-KL48-PSS-2	Roanoke	Norfolk	37.150326	-80.131271	0301010103	Bottom Creek	PSS	RPWWD	Pipeline ROW	-	-	0.0264	-	-	1,150	-	-	-	Proposed	Open Cut	Yes	4-653
W-KL50	Roanoke	Norfolk	37.150129	-80.131537	0301010103	Bottom Creek	Intermittent	RPW	Pipeline ROW	-	-	0.0408	-	-	1,777	-	-	-	Proposed	Open Cut	Yes	4-653
W-KL49	Roanoke	Norfolk	37.150297	-80.132193	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	-	-	0.0152	-	-	662	-	-	-	Proposed	Bore <sup>8</sup>	Yes	4-653
W-KL51-PEM	Roanoke	Norfolk	37.150006	-80.132403	0301010103	Bottom Creek	Intermittent	RPW	Timber Mat Crossing	-	-	0.0063	-	-	274	-	-	Yes	Proposed	Bore <sup>8</sup>	Yes	4-653
W-KL51-PSS	Roanoke	Norfolk	37.149975	-80.132476	0301010103	Bottom Creek	PSS	RPWWD	Timber Mat Crossing	-	-	0.0080	-	-	348	-	-	-	Proposed	Bore <sup>8</sup>	Yes	4-653
W-M47-PEM	Roanoke	Norfolk	37.148328	-80.133091	0301010103	Bottom Creek	Intermitt															