

# **Mountain Valley Pipeline Project**

**Docket No. CP16-\_\_-000**

**Resource Report 2**

## **Appendix 2-A Waterbody Crossing Tables**

**Appendix Table 2-A-1  
Watersheds Crossed by the MVP Project**

State	County	Major Region (2-digit HUC)	Sub-basin (8-digit HUC)	Watershed (10-digit HUC)	MP Begin	MP End
West Virginia	Wetzel	Ohio Region (05)	Little Muskingum-Middle Island (05030201)	Fishing Creek (0503020102)	0.0	9.3
West Virginia	Wetzel	Ohio Region (05)	West Fork (05020002)	Tenmile Creek (0502000205)	9.4	9.6
West Virginia	Harrison	Ohio Region (05)	West Fork (05020002)	Tenmile Creek (0502000205)	9.7	31.5
West Virginia	Harrison	Ohio Region (05)	Little Muskingum-Middle Island (05030201)	Headwaters Middle Island Creek (0503020104)	31.6	31.6
West Virginia	Doddridge	Ohio Region (05)	Little Muskingum-Middle Island (05030201)	Headwaters Middle Island Creek (0503020104)	31.7	32.7
West Virginia	Harrison	Ohio Region (05)	West Fork (05020002)	Tenmile Creek (0502000205)	32.8	33.7
West Virginia	Doddridge	Ohio Region (05)	West Fork (05020002)	Tenmile Creek (0502000205)	33.8	33.9
West Virginia	Doddridge	Ohio Region (05)	Little Muskingum-Middle Island (05030201)	Headwaters Middle Island Creek (0503020104)	34.0	37.5
West Virginia	Harrison	Ohio Region (05)	West Fork (05020002)	Middle West Fork River (0502000203)	37.6	38.1
West Virginia	Lewis	Ohio Region (05)	West Fork (05020002)	Middle West Fork River (0502000203)	38.2	43.4
West Virginia	Lewis	Ohio Region (05)	Little Kanawha (05030203)	Leading Creek (0503020302)	43.5	45.4
West Virginia	Lewis	Ohio Region (05)	West Fork (05020002)	Middle West Fork River (0502000203)	45.5	46.8
West Virginia	Lewis	Ohio Region (05)	West Fork (05020002)	Upper West Fork River (0502000201)	46.9	47.4
West Virginia	Lewis	Ohio Region (05)	Little Kanawha (05030203)	Leading Creek (0503020302)	47.5	48.4
West Virginia	Lewis	Ohio Region (05)	West Fork (05020002)	Upper West Fork River (0502000201)	48.5	49.3
West Virginia	Lewis	Ohio Region (05)	Little Kanawha (05030203)	Leading Creek (0503020302)	49.4	49.4
West Virginia	Lewis	Ohio Region (05)	West Fork (05020002)	Upper West Fork River (0502000201)	49.5	50.0
West Virginia	Lewis	Ohio Region (05)	Little Kanawha (05030203)	Sand Fork (0503020301)	50.1	60.1
West Virginia	Lewis	Ohio Region (05)	Little Kanawha (05030203)	Upper Little Kanawha River (0503020303)	60.2	65.6
West Virginia	Braxton	Ohio Region (05)	Little Kanawha (05030203)	Upper Little Kanawha River (0503020303)	65.7	78.4
West Virginia	Braxton	Ohio Region (05)	Elk (05050007)	Holly River (0505000703)	78.5	80.3
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Holly River (0505000703)	80.4	85.9
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Middle Elk River (0505000706)	86.0	91.2
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	91.3	102.2
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	102.3	102.3
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	102.4	102.6
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	102.7	102.8
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	102.9	102.9
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	103.0	103.0
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	103.1	103.1
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	103.2	103.2
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	103.3	103.3
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	103.4	103.4
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Laurel Creek (0505000702)	103.5	103.5
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	103.6	104.9
West Virginia	Webster	Ohio Region (05)	Gauley (05050005)	Headwaters Gauley River (0505000503)	105.0	105.5
West Virginia	Webster	Ohio Region (05)	Elk (05050007)	Birch River (0505000704)	105.6	107.3
West Virginia	Webster	Ohio Region (05)	Gauley (05050005)	Headwaters Gauley River (0505000503)	107.4	109.5
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Headwaters Gauley River (0505000503)	109.6	109.8
West Virginia	Webster	Ohio Region (05)	Gauley (05050005)	Headwaters Gauley River (0505000503)	109.9	110.6
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Headwaters Gauley River (0505000503)	110.7	113.4
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Outlet Gauley River (0505000508)	113.5	122.0
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Hominy Creek (0505000505)	122.1	133.6
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	133.7	133.8
West Virginia	Nicholas	Ohio Region (05)	Gauley (05050005)	Hominy Creek (0505000505)	133.9	135.0
West Virginia	Greenbrier	Ohio Region (05)	Gauley (05050005)	Hominy Creek (0505000505)	135.1	136.1
West Virginia	Greenbrier	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	136.2	153.8
West Virginia	Fayette	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	153.9	154.3

**Appendix Table 2-A-1  
Watersheds Crossed by the MVP Project**

State	County	Major Region (2-digit HUC)	Sub-basin (8-digit HUC)	Watershed (10-digit HUC)	MP Begin	MP End
West Virginia	Greenbrier	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	154.4	156.7
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	156.8	156.8
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	156.9	158.3
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	158.4	158.7
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	158.8	158.8
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	158.9	159.0
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	159.1	159.4
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	159.5	159.6
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	159.7	159.9
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	160.0	160.0
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	160.1	160.4
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	160.5	160.6
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	160.7	160.9
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	161.0	161.0
West Virginia	Summers	Ohio Region (05)	Gauley (05050005)	Meadow River (0505000506)	161.1	161.2
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	161.3	163.3
West Virginia	Summers	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	163.4	163.4
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	163.5	163.6
West Virginia	Summers	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	163.7	163.8
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	163.9	164.0
West Virginia	Summers	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	164.1	164.3
West Virginia	Summers	Ohio Region (05)	Lower New (05050004)	Glade Creek-New River (0505000402)	164.4	164.4
West Virginia	Summers	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	164.5	173.4
West Virginia	Monroe	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	173.5	179.1
West Virginia	Monroe	Ohio Region (05)	Middle New (05050002)	Indian Creek (0505000207)	179.2	179.2
West Virginia	Monroe	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	179.3	179.4
West Virginia	Monroe	Ohio Region (05)	Middle New (05050002)	Indian Creek (0505000207)	179.5	179.5
West Virginia	Monroe	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	179.6	179.8
West Virginia	Monroe	Ohio Region (05)	Middle New (05050002)	Indian Creek (0505000207)	179.9	180.1
West Virginia	Monroe	Ohio Region (05)	Greenbrier (05050003)	Wolf Creek-Greenbrier River (0505000309)	180.2	180.2
West Virginia	Monroe	Ohio Region (05)	Middle New (05050002)	Indian Creek (0505000207)	180.3	190.3
West Virginia	Monroe	Ohio Region (05)	Middle New (05050002)	East River-New River (0505000206)	190.4	195.4
Virginia	Giles	Ohio Region (05)	Middle New (05050002)	Sinking Creek-New River (0505000203)	195.5	215.4
Virginia	Craig	Ohio Region (05)	Middle New (05050002)	Sinking Creek-New River (0505000203)	215.5	217.1
Virginia	Montgomery	Mid Atlantic Region (02)	Upper James (02080201)	Upper Craig Creek (0208020110)	217.2	219.4
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	North Fork Roanoke River (0301010102)	219.5	231.2
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	231.3	231.7
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	North Fork Roanoke River (0301010102)	231.8	231.8
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	231.9	233.1
Virginia	Roanoke County	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	233.2	233.3
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	233.4	234.9
Virginia	Montgomery	South Atlantic-Gulf Region (03)	Upper Roanoke (03010101)	South Fork Roanoke River (0301010101)	235.0	235.2
Virginia	Montgomery	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	235.3	236.1
Virginia	Roanoke County	Ohio Region (05)	Upper Roanoke (03010101)	Mason Creek-Roanoke River (0301010103)	236.2	238.2
Virginia	Roanoke County	South Atlantic-Gulf Region (03)	Upper Roanoke (03010101)	South Fork Roanoke River (0301010101)	238.3	244.4
Virginia	Franklin County	South Atlantic-Gulf Region (03)	Banister (03010105)	Upper Blackwater River (0301010105)	244.5	266.8
Virginia	Franklin County	South Atlantic-Gulf Region (03)	Banister (03010105)	Lower Blackwater River (0301010106)	266.9	274.3
Virginia	Franklin County	South Atlantic-Gulf Region (03)	Banister (03010105)	Upper Pigg River (0301010108)	274.4	280.7
Virginia	Franklin County	South Atlantic-Gulf Region (03)	Banister (03010105)	Lower Pigg River (0301010110)	280.8	281.0

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<b>State</b>	<b>County</b>	<b>Major Region (2-digit HUC)</b>	<b>Sub-basin (8-digit HUC)</b>	<b>Watershed (10-digit HUC)</b>	<b>MP Begin</b>	<b>MP End</b>
Virginia	Pittsylvania	South Atlantic-Gulf Region (03)	Banister (03010105)	Lower Pigg River (0301010110)	281.1	290.5
Virginia	Pittsylvania	South Atlantic-Gulf Region (03)	Banister (03010105)	Cherrystone Creek-Banister River (0301010501)	290.6	295.1
Virginia	Pittsylvania	South Atlantic-Gulf Region (03)	Banister (03010105)	Stinking River-Banister River (0301010502)	295.2	296.7
Virginia	Pittsylvania	South Atlantic-Gulf Region (03)	Banister (03010105)	Cherrystone Creek-Banister River (0301010501)	296.8	300.97

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Wetzel	S-J63	Mobley Run	0.0	Stream	Intermittent		0.05		Ancillary Sites Temporary, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-J64	UNT/North Fork Fishing Creek	0.5	Stream	Intermittent		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A1	North Fork Fishing Creek	0.7	Stream	Upper Perennial	34	0.06	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A3	UNT/North Fork Fishing Creek	0.8	Stream	Intermittent	8	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	NHD-076	UNT/North Fork Fishing Creek	1.3	Stream	Intermittent		0.01		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A4	UNT/North Fork Fishing Creek	1.3	Stream	Upper Perennial	8	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-J65	UNT/North Fork Fishing Creek	1.3	Stream	Perennial		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-J66	UNT/North Fork Fishing Creek	1.3	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	NHD-076	UNT/North Fork Fishing Creek	1.4	Stream	Intermittent		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-J65	UNT/North Fork Fishing Creek	1.4	Stream	Perennial		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A5	UNT/Fallen Timber Run	2.3	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A6	Fallen Timber Run	2.4	Stream	Upper Perennial	11	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-BB10	UNT/Fallen Timber Run	2.7	Stream	Intermittent		0.03		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-BB11	UNT/Fallen Timber Run	2.7	Stream	Perennial		0.02		Ancillary Sites Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-BB14	UNT/Fallen Timber Run	2.7	Stream	Ephemeral		<0.005		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-BB2	Buck Run	2.8	Stream	Perennial		0.05		Ancillary Sites Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-BB6	Buck Run	2.8	Stream	Intermittent		0.02		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-BB8	Buck Run	2.8	Stream	Ephemeral		<0.005		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-BB9	Buck Run	2.8	Stream	Ephemeral		0.02		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A126	UNT/Price Run	5.0	Stream	Ephemeral		0.02		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-A124	UNT/Price Run	5.1	Stream	Intermittent	7	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-A125	Price Run	5.1	Stream	Perennial	41	0.07	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-A126	UNT/Price Run	5.1	Stream	Ephemeral		0.01		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-A115	Price Run	5.5	Stream	Perennial		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-A116	UNT/Price Run	5.5	Stream	Intermittent		0.04	0.04	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A117	UNT/Price Run	5.6	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A118	UNT/Price Run	5.6	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A119	UNT/Stout Run	6.6	Stream	Intermittent	8			Pipeline	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A120	Stout Run	6.6	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A119	UNT/Stout Run	6.7	Stream	Intermittent		0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A114	UNT/Headwaters South Fork Fishing Creek	7.3	Stream	Ephemeral			<0.005	Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A114	UNT/Headwaters South Fork Fishing Creek	7.4	Stream	Ephemeral			<0.005	Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-A113	UNT/Headwaters South Fork Fishing Creek	7.7	Stream	Intermittent		0.01	<0.005	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	NHD-141	Sams Run	8.0	Stream	Perennial	14	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-J58	UNT/Manion Run	8.8	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Wetzel	S-J59	UNT/Manion Run	8.8	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Wetzel	S-J56	Manion Run	8.9	Stream	Perennial	10	0.08	0.04	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Wetzel	S-J61	Manion Run	8.9	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-J62	Right Fork Big Elk Creek	11.3	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F49	UNT/Goose Run	12.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-068	Goose Run	12.2	Stream	Intermittent		0.01	<0.005	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B74	Goose Run	12.2	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B75	UNT/Goose Run	12.2	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F49	UNT/Goose Run	12.2	Stream	Perennial	7	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B79	UNT/Big Elk Creek	13.4	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B78	UNT/Elk Creek	13.8	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-J51	Little Tenmile Creek	15.3	Stream	Perennial		0.13	0.04	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-J54	UNT/Little Tenmile Creek	15.3	Stream	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-J50	UNT/Little Tenmile Creek	15.4	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-097	Little Tenmile Creek	15.5	Artificial Path	Artificial Path	27	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-J51	Little Tenmile Creek	15.5	Stream	Perennial	42	0.07	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-J52	UNT/Little Tenmile Creek	15.5	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-008	UNT/Jakes Run/Little Tenmile Creek	16.1	Stream	Intermittent		0.05		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-093	UNT/Jakes Run/Little Tenmile Creek	16.1	Stream	Intermittent		0.01		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-100	UNT/Jakes Run/Little Tenmile Creek	16.1	Stream	Intermittent		0.03		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-A10	Little Rockcamp Run	17.8	Stream	Upper Perennial	8			Pipeline	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-A10	Little Rockcamp Run	17.9	Stream	Upper Perennial	14	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-048	UNT/Right Fork Holly River	18.8	Stream	Intermittent		0.02		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-A130	UNT/Outlet Tenmile Creek	18.8	Stream	Intermittent		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B1	UNT/Rockcamp Run	18.8	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B2	UNT/Rockcamp Run	18.8	Stream	Ephemeral		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B3	Rockcamp Run	18.8	Stream	Upper Perennial	31	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor		WW, M		April 1 - June 30
West Virginia	Harrison	NHD-087	UNT/Rockcamp Run	18.9	Stream	Intermittent		0.11		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-A128	Rockcamp Run	18.9	Stream	Ephemeral		0.04	0.03	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-A129	UNT/Rockcamp Run	18.9	Stream	Intermittent		0.04	0.01	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-A11	Grass Run	21.7	Stream	Upper Perennial	33	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F55	UNT/Indian Run	22.4	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F52	UNT/Indian Run	22.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F53	UNT/Indian Run	22.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F54	UNT/Indian Run	22.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Harrison	S-F51	UNT/Indian Run	22.6	Stream	NR		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B6	Indian Run	23.1	Stream	Upper Perennial	18	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-B7	UNT/Indian Run	23.1	Stream	Intermittent	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-005	Salem Fork	26.0	Stream	Perennial	25	0.07	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Harrison	S-B81	UNT/Salem Fork	26.2	Stream	Intermittent		<0.005		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-031	Halls Run	30.2	Stream	Intermittent	6	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-F48	UNT/Halls Run	30.9	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-K73	Coburn Fork	31.4	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-K74	Coburn Fork	31.4	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-K75	UNT/Coburn Fork	31.4	Stream	Intermittent	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K77	Traugh Fork	32.6	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K78	UNT/Traugh Fork	32.7	Stream	Intermittent		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-K80	UNT/Turtletree Fork	32.8	Stream	Intermittent	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-080	Turtletree Fork	32.9	Stream	Intermittent		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-K81	Turtletree Fork	32.9	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-080	Turtletree Fork	33.0	Stream	Intermittent	12	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-108	UNT/Turtletree Fork	33.1	Stream	Intermittent	3	0.02	<0.005	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	NHD-108	UNT/Turtletree Fork	33.2	Stream	Intermittent		<0.005		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K69	UNT/Big Isaac Creek	34.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K70	UNT/Big Isaac Creek	34.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K65	UNT/Big Isaac Creek	34.3	Stream	Intermittent	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K67	UNT/Big Isaac Creek	34.3	Stream	Intermittent	1	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K63	UNT/Big Isaac Creek	34.4	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K54	UNT/Big Isaac Creek	34.5	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K55	UNT/Big Isaac Creek	34.5	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K71	UNT/Big Isaac Creek	34.5	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K58	UNT/Big Isaac Creek	34.6	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K59	UNT/Big Isaac Creek	34.7	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K72	UNT/Big Isaac Creek	34.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K60	UNT/Big Isaac Creek	34.8	Stream	Ephemeral	5	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-A109	UNT/Laurel Run	34.9	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-A110	UNT/Laurel Run	34.9	Stream	Ephemeral	1	<0.005	<0.005	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-K62	UNT/Laurel Run	34.9	Stream	Intermittent		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Doddridge	S-A111	Laurel Run	35.0	Stream	Perennial	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Harrison	S-A108	UNT/Kincheloe Creek	37.9	Stream	Ephemeral		<0.005		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Harrison	S-A105	UNT/Kincheloe Creek	38.1	Ditch	Ephemeral	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Harrison	S-A106	UNT/Kincheloe Creek	38.1	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B18	UNT/Kincheloe Creek	38.2	Stream	Upper Perennial		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B19	UNT/Kincheloe Creek	38.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K94	Kincheloe Creek	38.2	Stream	Perennial	5	0.01	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor		WW, M		April 1 - June 30
West Virginia	Lewis	S-K95	UNT/Kincheloe Creek	38.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K92	Smoke Camp Run	39.9	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-067	Smoke Camp Run	40.0	Stream	Intermittent		0.01		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K93	Smoke Camp Run	40.0	Stream	Ephemeral		0.01	<0.005	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K91	Smoke Camp Run	40.1	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-167	Smoke Camp Run	41.4	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-168	UNT/Smoke Camp Run	42.0	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-169	Smoke Camp Run	42.0	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-J43	Right Fork Freemans Creek	42.7	Stream	Perennial	25	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Lewis	S-J44	UNT/Right Fork Freemans Creek	43.2	Stream	Perennial	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-J46	Fink Creek	44.8	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Lewis	S-K50	UNT/Fink Creek	44.8	Stream	Ephemeral		0.04		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K51	Fink Creek	44.8	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Lewis	S-J47	UNT/Fink Creek	44.9	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K52	UNT/Fink Creek	45.0	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K53	UNT/Fink Creek	45.0	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-J49	UNT/Left Fork Freemans Creek	45.6	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K46	Left Fork Freemans Creek	45.9	Stream	Ephemeral		<0.005		Temporary Work Space, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B67	Left Fork Freemans Creek	46.0	Stream	Perennial	13	0.03	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-K46	Left Fork Freemans Creek	46.0	Stream	Ephemeral		<0.005		Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B68	UNT/Left Fork Freemans Creek	46.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B69	UNT/Left Fork Freemans Creek	46.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B70	UNT/Left Fork Freemans Creek	46.1	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B71	UNT/Left Fork Freemans Creek	46.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-B73	UNT/Left Fork Freemans Creek	46.3	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H183	UNT/Left Fork Freemans Creek	46.7	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H184	UNT/Left Fork Freemans Creek	46.7	Stream	Ephemeral	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H180	UNT/Left Fork Freemans Creek	46.8	Stream	Intermittent	14	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H172	UNT/Leading Creek	47.7	Stream	Ephemeral		0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H170	UNT/Headwaters Leading Creek	48.0	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				



Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Lewis	S-I64	Leading Creek	48.1	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-018	Laurel Run	51.2	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-021	UNT/Laurel Run	51.2	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-161	Laurel Run	51.2	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L82	UNT/Cove Lick	51.7	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L81	UNT/Cove Lick	51.9	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K43	Cove Lick	52.4	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K44	UNT/Cove Lick	52.4	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K45	Cove Lick	52.4	Stream	Ephemeral		<0.005		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L80	Cove Lick	52.4	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-125	Cove Lick	52.5	Stream	Intermittent		<0.005		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K41	UNT/Cove Lick	52.5	Stream	Ephemeral		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-K38	UNT/Rock Run	53.2	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L78	UNT/Rock Run	54.1	Stream	Perennial		0.01		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-L79	Rock Run	54.1	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-I63	Sand Fork	55.2	Stream	Ephemeral	20	0.04	0.03	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Lewis	S-H160	Indian Fork	58.6	Stream	Perennial	26	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H162	UNT/Indian Fork	58.7	Stream	Intermittent		0.01		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H158	UNT/Indian Fork	58.8	Stream	Intermittent		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-023	Indian Fork	59.0	Stream	Perennial		0.03		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-L76	Indian Fork	59.0	Stream	Perennial		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-L77	UNT/Indian Fork	59.1	Stream	Perennial		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H152	UNT/Sugarcamp Run	59.5	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H153	Sugarcamp Run	59.5	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H145	UNT/Indian Fork	60.0	Stream	Perennial	18	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H165	UNT/Indian Fork	60.0	Stream	Ephemeral	8	0.03	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H166	UNT/Indian Fork	60.0	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H167	UNT/Indian Fork	60.0	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L74	UNT/Indian Fork	60.0	Stream	Perennial		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L75	UNT/Indian Fork	60.0	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L73	Indian Fork	60.1	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H144	UNT/Threelick Run	60.2	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-H163	UNT/Threelick Run	60.2	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-131	Second Big Run	61.3	Stream	Intermittent	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Lewis	NHD-024	Second Big Run	61.4	Stream	Perennial		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-075	UNT/Second Big Run	61.4	Stream	Intermittent	6	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-059	UNT/Second Big Run	61.5	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	NHD-013	Second Big Run	61.8	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	NHD-013	Second Big Run	62.0	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	NHD-116	Oil Creek	62.3	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-H135	Headwaters Crooked Run	63.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L61	Crooked Run	63.1	Stream	Perennial		0.20		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Lewis	S-L62	Crooked Run	63.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L63	Crooked Run	63.1	Stream	Intermittent		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	S-L64	Headwaters Crooked Run	63.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Lewis	NHD-027	Clover Fork	65.6	Stream	Perennial	12	0.05	0.01	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	NHD-071	Barbecue Run	66.9	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-L51	Barbecue Run	66.9	Stream	Perennial		0.45	0.43	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	NHD-071	Barbecue Run	67.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	P-L1-A	Barbecue Run	67.3	Stream	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L51	Barbecue Run	67.3	Stream	Perennial		0.24	0.03	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-L56	UNT/Barbecue Run	67.3	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L51	Barbecue Run	67.4	Stream	Perennial		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-J37	UNT/Barbecue Run	67.5	Stream	Intermittent	3	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L51	Barbecue Run	67.5	Stream	Perennial	24	0.07	0.03	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-L57	UNT/Barbeque Run	68.5	Stream	Ephemeral		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L58	Barbecue Run	68.5	Stream	Perennial		0.06		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	NHD-082	Knawl Creek	68.8	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor		WW, M		April 1 - June 30
West Virginia	Braxton	S-L60	Left Fork Knawl Creek	68.8	Stream	Perennial	31	0.06	0.04	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	NHD-045	UNT/Little Knawl Creek	70.1	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	NHD-040	Keith Run	71.8	Stream	Intermittent	14	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-J30	UNT/Falls Run	72.3	Stream	Intermittent		0.01	<0.005	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-I60	UNT/Falls Run	72.4	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-J31	Falls Run	72.5	Stream	Perennial		0.18		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-J31	Falls Run	72.6	Stream	Perennial	61	0.11	0.07	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-K33	UNT/Hemp Patch Run	73.6	Stream	Ephemeral	4	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-K34	Hemp Patch Run	73.6	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-K33	UNT/Hemp Patch Run	73.7	Stream	Ephemeral		0.01		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H122	UNT/Elliot Run	74.0	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Braxton	S-H123	UNT/Elliot Run	74.1	Stream	Perennial	7	0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H124	UNT/Elliot Run	74.1	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H123	UNT/Elliot Run	74.2	Stream	Perennial	7	0.01	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H127	UNT/Elliot Run	74.7	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L50	UNT/Little Kanawha River	74.8	Stream	Intermittent		<0.005		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L49	UNT/Little Kanawha River	74.9	Stream	Perennial		0.01		Temporary Work Space, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L50	UNT/Little Kanawha River	74.9	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H132	Little Kanawha River	75.0	Stream	Perennial	114	0.20	0.13	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-H129	UNT/Little Kanawha River	75.1	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H131	UNT/Little Kanawha River	75.1	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H132	Little Kanawha River	75.1	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-H130	UNT/Little Kanawha River	75.2	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L48	Coplin Run	75.6	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H116	UNT/England Run	76.4	Stream	Ephemeral		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-H117	Stonecoal Run	76.8	Stream	Perennial	16	0.05	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-AA15	UNT/Laurel Run	77.4	Stream	Intermittent		0.01	<0.005	Ancillary Sites Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	P-AA1	Pond	77.5	Pond	NR		0.03	<0.005	Ancillary Sites Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-AA12	UNT/Laurel Run	77.5	Stream	Ephemeral		0.07		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-AA14	UNT/Laurel Run	77.5	Stream	Intermittent		<0.005		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-AA12	UNT/Laurel Run	77.6	Stream	Ephemeral		<0.005		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-L46	UNT/Laurel Run	77.7	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-L44	UNT/Laurel Run	78.2	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Braxton	S-I53	UNT/Laurel Run	78.5	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Braxton	S-I57	Mudlick Run	79.8	Stream	Perennial	30	0.05	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-A96	UNT/Left Fork Holly River	80.8	Stream	Ephemeral	13	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-A97	UNT/Left Fork Holly River	80.8	Stream	Intermittent	14	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A98	UNT/Left Fork Holly River	80.8	Stream	Intermittent	13		0.02	Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A99	UNT/Left Fork Holly River	80.8	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A98	UNT/Left Fork Holly River	80.9	Stream	Intermittent	8	0.04		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E83	UNT/Left Fork Holly River	81.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A100	Left Fork Holly River	81.7	Stream	Perennial	151	0.26	0.17	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Major		CW, B2		October 1 - April 30
West Virginia	Webster	S-E78	UNT/Left Fork Holly River	81.7	Stream	Perennial	15	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E81	UNT/Left Fork Holly River	81.7	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-E82	UNT/Left Fork Holly River	81.7	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E83	UNT/Left Fork Holly River	81.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Webster	S-E76	UNT/Left Fork Holly River	81.8	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E74	UNT/Left Fork Holly River	82.1	Stream	Perennial		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E72	UNT/Oldlick Creek	82.4	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F39	UNT/Oldlick Creek	82.4	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F40	Oldlick Creek	82.4	Stream	Perennial	45	0.17	0.05	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-F41	UNT/Oldlick Creek	82.4	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-S1	UNT/Oldlick Creek	82.4	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-S2	UNT/Oldlick Creek	82.4	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F40	Oldlick Creek	82.5	Stream	Perennial		0.31		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-S3	Oldlick Creek	82.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-S4	UNT/Oldlick Creek	82.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F40	Oldlick Creek	82.7	Stream	Perennial		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-F43	UNT/Oldlick Creek	82.7	Stream	Perennial	14	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B62	Narrows Run	84.1	Stream	Perennial		0.17	0.17	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B67	Right Fork Holly River	84.1	Stream	Perennial		0.05	0.03	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	NHD-113	UNT/Right Fork Holly River	84.2	Stream	Intermittent		0.02		ATWS	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-E67	Right Fork Holly River	84.2	Stream	Perennial	92	0.16	0.11	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-R4	UNT/Right Fork Holly River	84.2	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-R5	UNT/Right Fork Holly River	84.2	Stream	Perennial		0.04	0.01	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B62	Narrows Run	84.5	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B66	UNT/Narrows Run	84.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B62	Narrows Run	84.6	Stream	Perennial		0.09		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B64	UNT/Narrows Run	84.6	Stream	Ephemeral		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B62	Narrows Run	84.7	Stream	Perennial		0.09		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B63	UNT/Narrows Run	84.7	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B61	UNT/Narrows Run	84.9	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B57	UNT/Narrows Run	85.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B58	UNT/Narrows Run	85.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B59	UNT/Narrows Run	85.5	Stream	Ephemeral		0.02	0.02	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B60	UNT/Narrows Run	85.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B49	UNT/Narrows Run	86.3	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B50	UNT/Narrows Run	86.5	Stream	Ephemeral		0.03	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B53	UNT/Narrows Run	86.5	Stream	Ephemeral		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B54	UNT/Narrows Run	86.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B55	UNT/Narrows Run	86.5	Stream	Intermittent		0.02		ATWS	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Webster	S-B56	UNT/Narrows Run	86.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B51	UNT/Narrows Run	86.6	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B52	UNT/Narrows Run	86.6	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E68	Elk River	87.4	Stream	Perennial	185	0.32	0.21	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor		CW, M, TE	Clubshell	September 15 - March 31
West Virginia	Webster	S-T14	UNT/Bear Run	87.4	Stream	Intermittent		0.02	0.02	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T15	UNT/Bear Run	87.4	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T16	UNT/Bear Run	87.4	Stream	Intermittent		0.03	0.02	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E71	UNT/Elk River	87.5	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H111	UNT/Elk River	87.6	Stream	Intermittent	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H112	UNT/Elk River	87.6	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H113	Cow Run	87.6	Stream	Perennial	13	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-H114	UNT/Elk River	87.6	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-O1	Bear Run	88.5	Stream	Perennial		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-T10	UNT/Bear Run	88.5	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T11	UNT/Bear Run	88.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T12	UNT/Bear Run	88.5	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T13	UNT/Bear Run	88.5	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T16	UNT/Houston Run	88.5	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T17	UNT/Houston Run	88.5	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T18	UNT/Houston Run	88.5	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T19	UNT/Houston Run	88.5	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-T6	UNT/Bear Run	88.5	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T7	UNT/Bear Run	88.5	Stream	Ephemeral		0.06	0.05	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T8	Bear Run	88.5	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T9	UNT/Bear Run	88.5	Stream	Ephemeral		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-O2	UNT/Bear Run	88.6	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T4	UNT/Bear Run	89.0	Stream	Ephemeral		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T5	UNT/Bear Run	89.0	Stream	Ephemeral		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H110	UNT/Bear Run	89.6	Stream	Ephemeral	18		0.03	Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H110	UNT/Bear Run	89.7	Stream	Ephemeral	17	0.04		Temporary Work Space, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T22	UNT/Bear Run	90.1	Stream	Ephemeral		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T20	UNT/Houston Run	90.2	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T21	UNT/Houston Run	90.2	Stream	Ephemeral		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T23	UNT/Houston Run	90.2	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T24	UNT/Houston Run	90.2	Stream	Ephemeral		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Webster	S-T25	UNT/Houston Run	90.2	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-T27	UNT/Houston Run	90.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T34	UNT/Houston Run	90.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	P-T1	UNT/Houston Run	90.3	Stream	NR		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T29	Houston Run	90.3	Stream	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T28	UNT/Houston Run	90.5	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-T29	Houston Run	90.7	Stream	Perennial	22	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-T31	UNT/Houston Run	90.7	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T32	UNT/Houston Run	90.7	Stream	Intermittent		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T33	UNT/Houston Run	90.7	Stream	Intermittent		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-T30	UNT/Houston Run	90.8	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-A91	UNT/Camp Creek	92.5	Stream	Perennial	25	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-A92	UNT/Camp Creek	92.5	Stream	Ephemeral	13	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-A93	UNT/Camp Creek	92.5	Stream	Ephemeral	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-O3	Upper Laurel Fork	92.7	Stream	Ephemeral		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H105	UNT/Camp Creek	93.1	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H108	Lower Laurel Fork	93.1	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-H102	UNT/Camp Creek	93.2	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-H104	Camp Creek	93.2	Stream	Perennial	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-H107	UNT/Camp Creek	93.2	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-H103	UNT/Camp Creek	93.4	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-O3	Upper Laurel Fork	93.9	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B34	Amos Run	97.7	Stream	Perennial	23	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B48	UNT/Amos Run	97.7	Stream	Ephemeral		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B35	UNT/Amos Run	97.8	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B36	UNT/Amos Run	97.8	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B37	UNT/Amos Run	97.8	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B38	UNT/Amos Run	97.8	Stream	Ephemeral	6	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B39A	UNT/Amos Run	97.8	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B39B	UNT/Amos Run	97.8	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B42	UNT/Amos Run	97.8	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B45	UNT/Amos Run	97.8	Stream	Ephemeral	3	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B46	UNT/Amos Run	97.8	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B43	UNT/Amos Run	97.9	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Webster	S-O4	Lost Run	98.7	Stream	Perennial	26	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-O5	UNT/Laurel Creek	98.7	Stream	Ephemeral	<0.05	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A81	Laurel Creek	98.8	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-A79	Laurel Creek	98.9	Stream	Perennial	52	0.12	0.06	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, M		September 15 - March 31
West Virginia	Webster	S-A80	Laurel Creek	98.9	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor		CW, M		September 15 - March 31
West Virginia	Webster	S-E57	UNT/Little Glade Run	101.8	Stream	Intermittent		0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E58	Little Glade Run	101.8	Stream	Perennial		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E59	UNT/Little Glade Run	101.8	Stream	Ephemeral	5	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E60	UNT/Little Glade Run	101.8	Stream	Perennial		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E58	Little Glade Run	101.9	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E58	Little Glade Run	102.4	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E62	UNT/Little Glade Run	102.4	Stream	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E58	Little Glade Run	102.5	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E63	UNT/Little Glade Run	102.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E64	UNT/Little Glade Run	102.5	Stream	NR		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E65	Little Glade Run	102.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E55	UNT/Laurel Creek	102.7	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	P-F3	Pond	103.2	Pond	NR		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	P-F4	Pond	103.2	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F22	UNT/Williams Branch	103.2	Stream	Perennial		0.12		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F23	UNT/Williams Branch	103.2	Stream	Intermittent		0.08		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F24	UNT/Williams Branch	103.2	Stream	Intermittent		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F24	UNT/Williams Branch	103.3	Stream	Intermittent		0.05		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F25	UNT/Williams Branch	103.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F26	UNT/Williams Branch	103.3	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F27	UNT/Williams Branch	103.3	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F28	UNT/Williams Branch	103.3	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F31	UNT/Williams Branch	103.3	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F32	UNT/Williams Branch	103.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F33	UNT/Williams Branch	103.3	Stream	Ephemeral		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F34	UNT/Birch River	104.1	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F35	UNT/Birch River	104.1	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F36A	UNT/Birch River	104.2	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F36A	UNT/Birch River	104.5	Stream	Perennial		0.06		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F38	UNT/Birch River	104.5	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Webster	S-F36A	UNT/Birch River	104.6	Stream	Perennial		0.05		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F36A	UNT/Birch River	104.7	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-F36B	UNT/Birch River	104.7	Stream	Perennial	24	0.04	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-F37	UNT/Birch River	104.7	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B33	UNT/Meadow Fork	105.9	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Webster	S-B32	UNT/Meadow Fork	106.1	Stream	Perennial	9	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-B29	Meadow Fork	106.8	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E50	UNT/Gauley River	109.2	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E52	UNT/Gauley River	109.3	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E54	UNT/Gauley River	109.4	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E50	UNT/Gauley River	109.5	Stream	Perennial	4	0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E54	UNT/Gauley River	109.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-E49	UNT/Gauley River	109.6	Stream	Ephemeral	1	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Webster	S-E46	Strouds Creek	109.9	Stream	Perennial	31	0.07	0.04	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-F20	Barn Run	111.0	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-F21	UNT/Barn Run	111.0	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	NHD-103	UNT/Barn Run	111.5	Stream	Intermittent		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	NHD-103	UNT/Barn Run	111.9	Stream	Intermittent		0.05	0.03	Temporary Work Space, ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-C45	UNT/Cherry Run	112.4	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-C46	UNT/Cherry Run	112.6	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-C47	UNT/Cherry Run	112.6	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-E66	UNT/Cherry Run	112.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-C44	UNT/Cherry Run	112.7	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-C44	UNT/Cherry Run	112.8	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-B28	Cherry Run	113	Stream	Perennial	7	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-FF3	UNT/Big Beaver Creek	113.6	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-J32	Big Beaver Creek	114.0	Stream	Perennial	66	0.10	0.07	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
West Virginia	Nicholas	S-A76	UNT/Big Beaver Creek	114.2	Stream	Perennial	6	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate, Minor				
West Virginia	Nicholas	S-A75	UNT/Big Beaver Creek	114.4	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-A74	UNT/Big Beaver Creek	114.5	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-A73	UNT/Big Beaver Creek	114.6	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-A71	UNT/Big Beaver Creek	114.8	Stream	Perennial	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-A72	UNT/Big Beaver Creek	114.8	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-A67	UNT/Big Beaver Creek	115.1	Stream	Perennial	29	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-A68	UNT/Big Beaver Creek	115.1	Stream	Intermittent	10	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				



Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Nicholas	S-A69	UNT/Big Beaver Creek	115.1	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H100	UNT/Big Beaver Creek	115.5	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H99	UNT/Big Beaver Creek	115.5	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H95	UNT/Big Beaver Creek	115.7	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H96	UNT/Big Beaver Creek	115.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H97	Big Beaver Creek	115.8	Stream	Perennial	91	0.15	0.10	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
West Virginia	Nicholas	S-A64	UNT/Granny Run	116.1	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-A64	UNT/Granny Run	116.2	Stream	Ephemeral	8		0.01	Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N15	UNT/Granny Run	116.4	Stream	Intermittent	12	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-N14	Granny Run	116.7	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I43	UNT/Big Run	117.0	Stream	Intermittent	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-I44	Big Run	117.2	Stream	Perennial	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			
West Virginia	Nicholas	S-I45	UNT/Big Run	117.3	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I52	UNT/Gauley River	117.7	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I47	UNT/Gauley River	117.8	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I52	UNT/Gauley River	117.8	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I48	UNT/Gauley River	118.1	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-I51	UNT/Gauley River	118.1	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-I50	UNT/Gauley River	118.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-J29	Gauley River	118.6	Stream	Perennial	290	0.50	0.33	Temporary Work Space, Permanent Easement	Open Cut Wet Ditch	Major	B,C	WW, M		April 1 - June 30
West Virginia	Nicholas	S-J26	Little Laurel Creek	119.2	Stream	Perennial		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-J27	UNT/Panther Creek	119.4	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-J28	UNT/Little Laurel Creek	119.4	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-J24	UNT/Little Laurel Creek	119.9	Stream	Perennial	20	0.04	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C, D			
West Virginia	Nicholas	S-J25	UNT/Little Laurel Creek	119.9	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-R8	Little Laurel Creek	120.3	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-R10	UNT/Little Laurel Creek	120.4	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-R11	UNT/Little Laurel Creek	120.4	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-R13	Little Laurel Creek	120.5	Stream	Perennial		0.03	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-R14	UNT/Little Laurel Creek	120.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-R15	UNT/Little Laurel Creek	120.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-R16	UNT/Little Laurel Creek	120.5	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-X1	UNT/Little Laurel Creek	120.6	Stream	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate	A,B,C, D			
West Virginia	Nicholas	S-X2	UNT/Little Laurel Creek	120.9	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-X5	UNT/Little Laurel Creek	120.9	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Nicholas	S-U10	UNT/Little Laurel Creek	121.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-U8	Little Laurel Creek	121.1	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-X6	UNT/Little Laurel Creek	121.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-X7	UNT/Little Laurel Creek	121.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-X8	UNT/Little Laurel Creek	121.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-U6	UNT/Little Laurel Creek	121.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-U7	UNT/Little Laurel Creek	121.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-J23	UNT/Little Laurel Creek	121.9	Stream	Ephemeral	1	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-J22	UNT/Little Laurel Creek	122	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C, D			
West Virginia	Nicholas	S-N10	Skelt Run	122.2	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N10 Ext Braid	Skelt Run	122.2	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N11	Skelt Run	122.2	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N9	Skelt Run	122.2	Stream	Intermittent	41	0.03	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N9 Ext Braid	Skelt Run	122.2	Stream	NR		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-EE1	UNT/Skelt Run	122.4	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-EE1 Braid2	UNT/Skelt Run	122.4	Stream	NR	4	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W12	UNT/Deer Creek	122.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W14	UNT/Deer Creek	122.5	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W16	UNT/Deer Creek	122.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W17	UNT/Deer Creek	122.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W18	UNT/Deer Creek	122.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N13	UNT/Skelt Run	122.6	Stream	Intermittent	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W10	UNT/Deer Creek	122.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W11	UNT/Deer Creek	122.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W8	UNT/Deer Creek	122.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W9	UNT/Deer Creek	122.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W1	UNT/Jims Creek	122.7	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-V1	Jims Creek	122.8	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W2	UNT/Jims Creek	122.8	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W3	UNT/Jims Creek	122.8	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-W4	UNT/Jims Creek	122.8	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-L42	Jims Creek	123.0	Stream	Ephemeral		0.05		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-L41	Jims Creek	123.1	Stream	Ephemeral	13	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-I37	UNT/Hominy Creek	125.0	Stream	Ephemeral	6	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I38	UNT/Hominy Creek	125.2	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Nicholas	S-I39	UNT/Hominy Creek	125.2	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N18	UNT/Hominy Creek	125.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N19	UNT/Hominy Creek	125.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I40	UNT/Hominy Creek	125.7	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-M20	Brushy Meadow Creek	125.9	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-M22	UNT/Bowen Run	125.9	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-M24	Bowen Run	125.9	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-M28	UNT/Hominy Creek	125.9	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-O6	UNT/Hominy Creek	126.0	Stream	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-MX	Pond	126.2	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-N1	Pond	126.2	Pond	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-N1	Pond	126.3	Pond	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-I36	Hominy Creek	126.5	Stream	Perennial	89	0.15	0.10	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, B2, M		October 1 - April 30
West Virginia	Nicholas	S-I41	UNT/Hominy Creek	126.5	Stream	Intermittent	24	0.06	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U12	UNT/Hominy Creek	126.7	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U13	UNT/Hominy Creek	126.9	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U14	UNT/Hominy Creek	126.9	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U14	UNT/Hominy Creek	127.0	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U15	UNT/Hominy Creek	127.0	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-U1	Pond	127.2	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-X4	Pond	127.2	Pond	NR		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-X5	Pond	127.2	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U17	UNT/Hominy Creek	127.2	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U18	UNT/Hominy Creek	127.2	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-U19	Hominy Creek	127.2	Stream	Perennial		0.06	0.04	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-X10	UNT/Hominy Creek	127.2	Stream	Ephemeral		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-X11	UNT/Hominy Creek	127.2	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-X12	UNT/Hominy Creek	127.2	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-X9	UNT/Hominy Creek	127.2	Stream	Ephemeral		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-N8	UNT/Hominy Creek	128.0	Stream	Intermittent	11	0.06	0.03	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate, Minor				
West Virginia	Nicholas	S-H88	Sugar Branch	130.1	Stream	Perennial	50	0.10	0.06	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
West Virginia	Nicholas	S-H89	UNT/Sugar Branch	130.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H90	UNT/Sugar Branch	130.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H91	UNT/Sugar Branch	130.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H92	UNT/Sugar Branch	130.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Nicholas	S-H93	UNT/Sugar Branch	130.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H94	UNT/Sugar Branch	130.1	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H81	UNT/Hominy Creek	130.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H84	UNT/Hominy Creek	130.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H86	UNT/Hominy Creek	130.6	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H75	UNT/Hominy Creek	130.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H76	UNT/Hominy Creek	130.8	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H76	UNT/Hominy Creek	130.9	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H80	UNT/Hominy Creek	130.9	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-H71	UNT/Hominy Creek	131.2	Stream	Perennial	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-H67	UNT/Hominy Creek	131.4	Stream	Perennial	13	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-H66	UNT/Hominy Creek	131.5	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	S-H64	UNT/Hominy Creek	131.8	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	S-V3	UNT/Hominy Creek	132.0	Stream	Perennial	28	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Nicholas	P-M5	UNT/Price Fork	134.8	Pond	NR		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-M6	UNT/Price Fork	134.9	Pond	NR	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-M7	UNT/Price Fork	134.9	Pond	NR	4	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Nicholas	P-M8	UNT/Price Fork	134.9	Pond	NR		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	P-M10	Pond	135.5	Pond	NR		0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	P-M9	Pond	135.5	Pond	NR		0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-J30	UNT/Meadow Creek	138.7	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-J31	UNT/Meadow Creek	138.8	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-J19	UNT/Meadow Creek	139.7	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-J20	Meadow Creek	140.1	Stream	Perennial	26	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C	WW, B2		October 1 - April 30
West Virginia	Greenbrier	S-I25	UNT/Meadow Creek	140.6	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I26	UNT/Meadow Creek	140.7	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I27	UNT/Meadow Creek	140.8	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-M9	UNT/Meadow River	142.8	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-M10	UNT/Meadow River	143.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-M8	UNT/Meadow River	143.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-M9	UNT/Meadow River	143.3	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I28	Meadow River	143.7	Stream	Perennial	85	0.15	0.10	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	B,C	WW, M		April 1 - June 30
West Virginia	Greenbrier	S-L24	UNT/Sewell Creek	145.8	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L27	UNT/Sewell Creek	145.9	Stream	Perennial	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L22	Little Sewell Creek	146.7	Stream	Ephemeral	17	0.04	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Greenbrier	S-L30	UNT/Little Sewell Creek	146.7	Stream	Intermittent	4	<0.005	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L31	UNT/Little Sewell Creek	146.7	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L10	UNT/Boggs Creek	147.9	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L10	UNT/Boggs Creek	148.0	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L11	UNT/Boggs Creek	148.0	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L18	UNT/Little Sewell Creek	148.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L19	UNT/Little Sewell Creek	148.2	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L13	UNT/Little Sewell Creek	148.3	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-L12	UNT/Little Sewell Creek	148.4	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I21	UNT/Boggs Creek	149.6	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I22	UNT/Boggs Creek	149.6	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-I23	UNT/Boggs Creek	149.6	Stream	Intermittent		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-W20	UNT/Meadow River	150.2	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-W22	UNT/Meadow River	150.2	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-W23	UNT/Meadow River	150.2	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Fayette	S-K30	UNT/Buffalo Creek	153.9	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Fayette	S-A104	UNT/Buffalo Creek	154.1	Stream	Ephemeral		0.10	0.01	Ancillary Sites Temporary, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Fayette	S-F45	UNT/Buffalo Creek	154.1	Stream	Ephemeral		0.01		Ancillary Sites Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Fayette	S-K26	UNT/Buffalo Creek	154.3	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Fayette	S-K27	UNT/Buffalo Creek	154.3	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-K25	UNT/Buffalo Creek	154.5	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-K17	Buffalo Creek	154.6	Stream	Perennial	21	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Greenbrier	S-K18	UNT/Buffalo Creek	154.6	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-K20	UNT/Buffalo Creek	154.7	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	S-K21	UNT/Buffalo Creek	154.9	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Greenbrier	S-K22	UNT/Buffalo Creek	154.9	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	NHD-146	Morris Fork	155.5	Stream	Perennial	7	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Greenbrier	NHD-114	UNT/Meadow River	156.4	Stream	Intermittent	10	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Greenbrier	S-U22	UNT/Meadow River	156.4	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Greenbrier	S-FF1	UNT/Meadow River	156.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-EE4	UNT/Red Spring Branch	158.5	Stream	Intermittent	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-M6	UNT/Red Spring Branch	159.0	Stream	Ephemeral	5	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J13	UNT/Patterson Creek	160.0	Stream	Ephemeral	5	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J13	UNT/Patterson Creek	160.1	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J13	UNT/Patterson Creek	160.2	Stream	Ephemeral	6	0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Summers	S-M5	UNT/Red Spring Branch	160.5	Stream	Perennial, Ephemeral	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-M4	UNT/Red Spring Branch	160.9	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J12	UNT/Lick Creek	161.0	Stream	Ephemeral		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I13	UNT/Lick Creek	161.4	Stream	Intermittent	17	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-I14	UNT/Lick Creek	161.5	Stream	Intermittent	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I11	UNT/Lick Creek	161.6	Stream	Ephemeral		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I12	Lick Creek	161.6	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I10	UNT/Lick Creek	161.7	Stream	Ephemeral		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I15	UNT/Lick Creek	161.7	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-I16	UNT/Lick Creek	161.7	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I17	UNT/Lick Creek	162.2	Stream	Ephemeral	3	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-I18	Lick Creek	162.6	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-I19	Lick Creek	162.6	Stream	Perennial	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-I20	Lick Creek	162.6	Stream	Perennial	14	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-001	Lick Creek	162.7	Stream	Perennial		0.10		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-089	Lick Creek	162.7	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-092	Lick Creek	162.7	Stream	Perennial		0.10		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-098	Lick Creek	162.7	Stream	Perennial		0.19		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-101	Lick Creek	162.7	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-111	Lick Creek	162.7	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	NHD-182	Lick Creek	162.7	Stream	Intermittent		0.04		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-J10	UNT/Hungard Creek	165.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J9	UNT/Hungard Creek	165.1	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-L7	UNT/Hungard Creek	165.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-L8	UNT/Hungard Creek	165.1	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J7	UNT/Hungard Creek	165.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J8	UNT/Hungard Creek	165.2	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-L6	UNT/Hungard Creek	165.2	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	NHD-095	Stonelick Branch	165.7	Stream	Intermittent		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-N5	UNT/Hungard Creek	168.5	Stream	Perennial	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-K14	UNT/Righthand Fork Hungard Creek	169.1	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-N2	Hungard Creek	169.3	Stream	Perennial	25	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
West Virginia	Summers	S-N3	UNT/Hungard Creek	169.3	Stream	Ephemeral	7	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-N4	UNT/Hungard Creek	169.4	Stream	Ephemeral	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-M2	UNT/Hungard Creek	169.7	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Summers	S-M1	Hungard Creek	169.8	Stream	Perennial	20	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
West Virginia	Summers	S-I8	Greenbrier River	170.6	Stream	Perennial	410	0.71	0.47	Temporary Work Space, Permanent Easement	Open Cut Wet Ditch	Minor		WW, M		April 1 - June 30
West Virginia	Summers	S-K7	UNT/Greenbriar River	171.0	Stream	Intermittent	10	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-L4	UNT/Greenbriar River	171.1	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-L2	UNT/Greenbriar River	171.3	Stream	Intermittent	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-K2	Pond	171.6	Pond	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-K5	UNT/Kelly Creek	171.6	Stream	Ephemeral		0.06		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-K3	UNT/Kelly Creek	171.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-K4	UNT/Kelly Creek	171.7	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-L1	UNT/Kelly Creek	171.7	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J5	Kelly Creek	171.8	Stream	Perennial	20	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-J4	UNT/Keller Creek	172.3	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Summers	S-J2	UNT/Keller Creek	173.0	Stream	Ephemeral	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Summers	S-G47	UNT/Keller Creek	173.3	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-G48	Wind Creek	175.9	Stream	Perennial	20	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C, D			
West Virginia	Monroe	S-G49	Wind Creek	175.9	Stream	Perennial	23	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C, D			
West Virginia	Monroe	S-G52	UNT/Wind Creek	175.9	Stream	Ephemeral	2	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-Q18	UNT/Wind Creek	176.1	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-015	UNT/Stony Creek	176.5	Stream	Perennial		0.07		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	NHD-015	UNT/Stony Creek	176.6	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-H61	UNT/Stony Creek	176.6	Stream	Perennial	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-Q17	UNT/Stony Creek	176.6	Stream	Perennial		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-H62	UNT/Stony Creek	177.1	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-H63	UNT/Stony Creek	177.2	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-033	Stony Creek	178.2	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-166	Stony Creek	178.2	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-106	UNT/Stony Creek	178.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-041	UNT/Little Stony Creek	178.9	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-A63	UNT/Slate Run	181.4	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-A61	UNT/Slate Run	181.5	Stream	Ephemeral	8	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-A60	Slate Run	181.6	Stream	Perennial	21	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-D30	UNT/Indian Creek	181.9	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-D31	Indian Creek	181.9	Stream	Perennial	69	0.11	0.08	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		WW, M		April 1 - June 30
West Virginia	Monroe	P-D2	Pond	182.2	Pond	NR		0.05		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	P-D2	Pond	182.3	Pond	NR	2		0.03	Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

## Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
West Virginia	Monroe	S-D29	UNT/Hans Creek	182.4	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-030	UNT/Indian Creek	182.5	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-112	UNT/Indian Creek	182.5	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-044	UNT/Hans Creek	183.1	Stream	Perennial		0.03		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-134	UNT/Hans Creek	183.2	Stream	Perennial		<0.005		ATWS	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-D25	UNT/Hans Creek	183.2	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-F18	UNT/Hans Creek	183.3	Stream	Perennial	27	0.07	0.03	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	P-Z1B	Pond	184.2	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-084	UNT/Hans Creek	184.4	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-Z4	UNT/Hans Creek	184.4	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-Z5	UNT/Hans Creek	184.4	Stream	Ephemeral	2	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-086	UNT/Hans Creek	184.8	Stream	Perennial	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-H59	UNT/Hans Creek	186.2	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-H59	UNT/Hans Creek	186.3	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-H60	UNT/Hans Creek	186.3	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-032	Hans Creek	186.7	Stream	Perennial	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	NHD-032	Hans Creek	186.8	Stream	Perennial		0.06		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	NHD-054	UNT/Blue Lick Creek	187.9	Stream	Intermittent	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
West Virginia	Monroe	S-G42	UNT/Hans Creek	189.1	Stream	Intermittent	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-052	Blue Lick Creek	190.0	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-025	UNT/Hans Creek	190.2	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-034	UNT/Hans Creek	190.2	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-156	UNT/Hans Creek	190.2	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	P-EE1	Pond	190.7	Pond	NR		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-E43	UNT/Dry Creek	190.7	Stream	Ephemeral	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-E45	UNT/Dry Creek	190.7	Stream	Ephemeral	5		0.01	Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-E45	UNT/Dry Creek	190.8	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-E39	UNT/Dry Creek	191.1	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-E40	Dry Creek	191.1	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			
West Virginia	Monroe	S-E41	UNT/Dry Creek	191.1	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-C38	UNT/Painter Run	193.6	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-C39	Painter Run	193.6	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-C41 Ext1	UNT/Painter Run	193.6	Stream	Intermittent	1	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	S-C40	UNT/Painter Run	193.7	Stream	Perennial		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
West Virginia	Monroe	NHD-055	UNT/Painter Run	194.2	Stream	Intermittent	5	0.04	0.01	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Minor				



Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Giles	NHD-017	Kimballton Branch	195.8	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-153	UNT/Kimballton Branch	195.8	Stream	Intermittent		0.02	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-181	UNT/Kimballton Branch	196.7	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-070	UNT/New River	196.9	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-132	Curve Branch	196.9	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-136	UNT/New River	196.9	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-138	UNT/Stony Creek	197.4	Stream	Intermittent		0.08		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Q11	UNT/Stony Creek	197.4	Stream	Ephemeral		0.01		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-138	UNT/Stony Creek	197.5	Stream	Intermittent		0.18		ATWS, Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Q12	UNT/Kimballton Branch	198.0	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Q13	Kimballton Branch	198.0	Stream	Perennial	22	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-143	UNT/Curve Branch	198.5	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-060	UNT/Clendennin Creek	198.8	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-175	Clendennin Creek	198.8	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-133	UNT/Clendennin Creek	198.9	Stream	Intermittent		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-P6	UNT/Stony Creek	199.1	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-S5	Stony Creek	199.4	Stream	Perennial	47	0.08	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, WT, ST, TE	Green floater, Candy darter	August 15 - June 30
Virginia	Giles	S-G29	UNT/Dry Branch	201.0	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-G30	UNT/Dry Branch	201.0	Stream	Ephemeral	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-G31	UNT/Dry Branch	201.3	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-G32	UNT/Dry Branch	201.4	Stream	Intermittent	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	P-Z1A	Pond	201.7	Pond	NR		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-G33	UNT/Dry Branch	201.7	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-G35	UNT/Little Stony Creek	202.5	Stream	Perennial	37	0.07	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Z7	UNT/Little Stony Creek	203.0	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Z10	UNT/Little Stony Creek	203.3	Stream	Intermittent	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Z11	Little Stony Creek	203.3	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor		CW, WT, ST		October 1 - June 30
Virginia	Giles	S-Z12	UNT/Little Stony Creek	203.3	Stream	Intermittent		0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Z12	UNT/Little Stony Creek	203.4	Stream	Intermittent	6			Pipeline	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Z13	Little Stony Creek	203.4	Stream	Perennial	26	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Z15	UNT/Little Stony Creek	203.4	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Z14	UNT/Little Stony Creek	203.5	Stream	Intermittent		0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-A35	UNT/Doe Creek	204.0	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			
Virginia	Giles	S-A34	UNT/Doe Creek	204.2	Stream	Ephemeral	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			
Virginia	Giles	S-A33	UNT/Doe Creek	204.3	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Giles	NHD-004	UNT/Doe Creek	204.8	Stream	Intermittent	5	0.02	0.01	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Minor	A,B,C			
Virginia	Giles	S-A32	UNT/Doe Creek	204.8	Stream	Perennial	15	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
Virginia	Giles	S-Y2	Doe Creek	205.6	Stream	Perennial	23	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-Y3	UNT/Doe Creek	205.6	Stream	Ephemeral	20	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	A,B,C			
Virginia	Giles	S-E20	UNT/Sinking Creek	206.1	Stream	Dry ditch	60	0.11	0.07	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-E21	UNT/Sinking Creek	206.3	Stream	Dry ditch	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-E22	UNT/Sinking Creek	206.5	Stream	Dry ditch	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Y4	UNT/Sinking Creek	206.6	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Y5	UNT/Sinking Creek	206.6	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-Y6	UNT/Sinking Creek	206.6	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-E23	UNT/Sinking Creek	206.7	Stream	Ephemeral	18	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	S-E24	UNT/Sinking Creek	206.7	Stream	Perennial	21	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	S-E25	UNT/Sinking Creek	206.7	Stream	Perennial	14	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Giles	NHD-142	UNT/Sinking Creek	207.3	Stream	Intermittent	7	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-009	UNT/Sinking Creek	207.9	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-014	UNT/Sinking Creek	207.9	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-185	UNT/Sinking Creek	207.9	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-014	UNT/Sinking Creek	208.3	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-051	UNT/Sinking Creek	209.0	Stream	Intermittent	4	0.02	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-149	UNT/Sinking Creek	209.3	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-107	Sinking Creek	209.9	Artificial Path	Artificial Path	25	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, WT		October 1 - June 30
Virginia	Giles	NHD-123	UNT/Sinking Creek	209.9	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-147	Greenbrier Branch	211.7	Stream	Perennial	<0.05	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-037	UNT/Sinking Creek	212.4	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Giles	NHD-011	UNT/Sinking Creek	213.0	Stream	Intermittent	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Craig	NHD-053	UNT/Sinking Creek	216.3	Stream	Intermittent	8	0.10	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Craig	NHD-053	UNT/Sinking Creek	216.4	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Craig	NHD-064	Sinking Creek	216.4	Artificial Path	Artificial Path		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-066	UNT/Craig Creek	217.8	Stream	Intermittent	15	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-172	Craig Creek	218.2	Stream	Perennial	15	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, TE	James spinymussel, Atlantic pigtoe	October 1 - July 31
Virginia	Montgomery	NHD-043	UNT/Craig Creek	218.3	Stream	Intermittent	12	0.05	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-151	Craig Creek	218.3	Stream	Perennial		0.04		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate		CW, TE	James spinymussel, Atlantic pigtoe	October 1 - July 31
Virginia	Montgomery	NHD-151	Craig Creek	218.5	Stream	Perennial	22	0.07	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, TE	James spinymussel, Atlantic pigtoe	October 1 - July 31
Virginia	Montgomery	NHD-062	Craig Creek	218.6	Stream	Perennial	12	0.04	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, TE	James spinymussel, Atlantic pigtoe	October 1 - July 31
Virginia	Montgomery	NHD-072	UNT/Mill Creek	220.0	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Montgomery	NHD-159	UNT/Mill Creek	220.0	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-073	UNT/Mill Creek	220.1	Stream	Intermittent	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-028	UNT/Mosey Spring Branch	222.9	Stream	Intermittent	13	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-028	UNT/Mosey Spring Branch	223.2	Stream	Intermittent		0.02	<0.005	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-063	Mill Creek	223.9	Stream	Intermittent	12	0.03	0.01	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, WT	Yellow lampmussel	August 15 - June 30
Virginia	Montgomery	NHD-065	UNT/Mill Creek	223.9	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-E38	Mill Creek	223.9	Stream	Perennial	13	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, WT	Yellow lampmussel	August 15 - June 30
Virginia	Montgomery	NHD-186	Mill Creek	224.0	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-020	UNT/North Fork Roanoke River	225.0	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-E36	UNT/North Fork Roanoke River	225.0	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-042	North Fork Roanoke River	225.8	Stream	Perennial		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate	AL,FC, R, W			
Virginia	Montgomery	S-G36	North Fork Roanoke River	225.8	Stream	Perennial	35	0.07	0.05	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate	AL,FC, R, W			
Virginia	Montgomery	NHD-006	UNT/North Fork Roanoke River	225.9	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-150	UNT/North Fork Roanoke River	225.9	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-158	UNT/North Fork Roanoke River	225.9	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-G38	UNT/North Fork Roanoke River	225.9	Stream	Ephemeral	3	0.01	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-006	UNT/North Fork Roanoke River	226	Stream	Intermittent		0.02		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-006	UNT/North Fork Roanoke River	226.1	Stream	Intermittent		0.03		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-G39	UNT/North Fork Roanoke River	226.2	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-169	UNT/Flatwoods Branch	227.1	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-F15	UNT/Flatwoods Branch	227.6	Stream	Perennial	32	0.06	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-145	UNT/Flatwoods Branch	227.7	Stream	Intermittent	39	0.05	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	S-F16A	UNT/Flatwoods Branch	227.7	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-F16B	UNT/Flatwoods Branch	227.7	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-F17	UNT/Flatwoods Branch	227.7	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C33	UNT/Flatwoods Branch	227.9	Stream	Perennial		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C36	UNT/Flatwoods Branch	227.9	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-069	Flatwoods Branch	228.1	Stream	Intermittent	6	0.01	<0.005	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C29	Flatwoods Branch	228.1	Stream	Perennial		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C31	Flatwoods Branch	228.1	Stream	Perennial		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C26	UNT/Bradshaw Creek	228.6	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C25	UNT/Bradshaw Creek	228.7	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C24	UNT/Bradshaw Creek	228.8	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	S-C27	UNT/Bradshaw Creek	228.8	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Montgomery	NHD-022	Bradshaw Creek	229.2	Stream	Perennial	25	0.07	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		CW, WT		October 1 - June 30
Virginia	Montgomery	NHD-047	Bradshaw Creek	229.6	Stream	Intermittent		0.02	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-090	UNT/Bradshaw Creek	229.6	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-121	UNT/Bradshaw Creek	229.6	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-164	UNT/Bradshaw Creek	229.6	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-130	North Fork Roanoke River	230.1	Artificial Path	Artificial Path		0.04		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate	AL,FC, R, W			
Virginia	Montgomery	NHD-074	UNT/Bradshaw Creek	230.4	Stream	Intermittent		0.01	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-126	UNT/Roanoke River	232.5	Stream	Intermittent		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-078	UNT/Roanoke River	232.6	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-083	UNT/North Fork Roanoke River	232.6	Stream	Intermittent		0.04	0.02	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-122	UNT/North Fork Roanoke River	232.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-157	UNT/North Fork Roanoke River	232.6	Stream	Intermittent		0.41	0.25	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-117	UNT/Roanoke River	233.8	Stream	Intermittent		0.01	<0.005	ATWS, Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-124	Roanoke River	233.8	Artificial Path	Artificial Path	47	0.08	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate		TE	Roanoke logperch, Orangefin madtom	October 1 - June 30
Virginia	Montgomery	S-11	UNT/Roanoke River	234.0	Stream	Intermittent	14	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	S-Y1	UNT/Roanoke River	234.3	Stream	Ephemeral	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-128	UNT/Roanoke River	234.7	Stream	Intermittent	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Montgomery	NHD-127	UNT/Roanoke River	234.8	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-178	UNT/Roanoke River	235.6	Stream	Intermittent	7	0.03	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Montgomery	NHD-178	UNT/Roanoke River	235.7	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-110	UNT/Roanoke River	237.7	Stream	Intermittent	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-Y13	UNT/Bottom Creek	238.8	Stream	Intermittent	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-Y14	UNT/Bottom Creek	238.8	Stream	Perennial	15	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Roanoke	NHD-105	UNT/Bottom Creek	239.5	Stream	Intermittent	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-096	Bottom Creek	239.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor		CW, WT		October 1 - June 30
Virginia	Roanoke	NHD-118	Bottom Creek	239.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor		CW, WT		October 1 - June 30
Virginia	Roanoke	NHD-148	Bottom Creek	239.7	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-135	UNT/Bottom Creek	240.3	Stream	Intermittent		0.01		ATWS	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-049	Bottom Creek	240.4	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor		CW, WT		October 1 - June 30
Virginia	Roanoke	NHD-139	UNT/Bottom Creek	240.4	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-163	UNT/Mill Creek	241.1	Stream	Intermittent	6	0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-163	UNT/Mill Creek	241.7	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-170	Mill Creek	243.0	Stream	Perennial	10	0.04	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Roanoke	S-Y7	UNT/Mill Creek	243.3	Stream	Perennial	6	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-Y8	UNT/Mill Creek	243.3	Stream	Perennial	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Roanoke	S-Y9	UNT/Mill Creek	243.3	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-Z17	UNT/Mill Creek	243.3	Stream	Perennial		<0.005	<0.005	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	NHD-029	UNT/Mill Creek	243.7	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-Q20	UNT/Mill Creek	243.7	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-B22	UNT/Mill Creek	243.8	Stream	Perennial	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-B23	UNT/Mill Creek	243.8	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-B25	UNT/Mill Creek	243.8	Stream	Ephemeral	7			Pipeline	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-B21	UNT/Mill Creek	243.9	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Roanoke	S-B25	UNT/Mill Creek	243.9	Stream	Ephemeral		0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-155	UNT/Green Creek	244.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G24	UNT/Green Creek	244.5	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-058	Green Creek	244.8	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate		CW, WT		October 1 - June 30
Virginia	Franklin	S-H1	UNT/Green Creek	244.8	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-G26	UNT/Green Creek	245.2	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G27	UNT/Green Creek	245.2	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D17	UNT/North Fork Blackwater River	246.6	Stream	Intermittent	12	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D12	UNT/North Fork Blackwater River	246.8	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D13	UNT/North Fork Blackwater River	246.8	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D11	UNT/North Fork Blackwater River	246.9	Stream	Perennial	10	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-D10	UNT/North Fork Blackwater River	247.3	Stream	Intermittent		0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D8	North Fork Blackwater River	247.3	Stream	Perennial	25	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W	CW, WT		October 1 - June 30
Virginia	Franklin	S-D9	UNT/North Fork Blackwater River	247.3	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-088	UNT/North Fork Blackwater River	248.6	Stream	Intermittent	22	0.07	0.04	Temporary Work Space, ATWS, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	NHD-056	UNT/North Fork Blackwater River	249.5	Stream	Intermittent	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-168	UNT/North Fork Blackwater River	249.7	Stream	Intermittent	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	NHD-167	UNT/North Fork Blackwater River	250.0	Stream	Intermittent	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-165	UNT/North Fork Blackwater River	250.2	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-046	UNT/North Fork Blackwater River	250.4	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-176	UNT/North Fork Blackwater River	251.4	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-094	UNT/North Fork Blackwater River	251.6	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-057	Little Creek	253.0	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Franklin	NHD-099	Little Creek	253.0	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Franklin	NHD-115	Little Creek	253.0	Stream	Perennial	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Franklin	NHD-010	UNT/Little Creek	253.5	Stream	Intermittent	6	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-152	UNT/Little Creek	253.6	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Franklin	NHD-152	UNT/Little Creek	253.7	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-003	UNT/Little Creek	253.9	Stream	Intermittent	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	NHD-177	UNT/Little Creek	254.0	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-019	UNT/Little Creek	254.3	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-173	UNT/Little Creek	254.6	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-081	Teels Creek	255.7	Stream	Perennial		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Franklin	NHD-081	Teels Creek	255.8	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Franklin	NHD-154	UNT/Teels Creek	256.0	Stream	Intermittent		0.05		Temporary Work Space	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	NHD-154	UNT/Teels Creek	256.1	Stream	Intermittent	13	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	NHD-137	Teels Creek	256.2	Stream	Perennial		0.09	0.06	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-160	UNT/Teels Creek	256.4	Stream	Intermittent	<0.05	0.01	0.01	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-E29	UNT/Teels Creek	256.4	Stream	Perennial	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-E28	Teels Creek	256.7	Stream	Perennial	28	0.05	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-036	Teels Creek	256.9	Stream	Perennial	19	0.04	0.02	Temporary Work Space, Access Roads Work Space Temporary, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	S-E28	Teels Creek	256.9	Stream	Perennial		0.01		Temporary Work Space	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-174	UNT/Teels Creek	257.3	Stream	Intermittent	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-077	Teels Creek	257.9	Stream	Perennial	17	0.04	0.02	Temporary Work Space, ATWS, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-012	Teels Creek	258.0	Stream	Perennial		0.03		Temporary Work Space	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-077	Teels Creek	258.0	Stream	Perennial		0.10		Temporary Work Space	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	S-D23	Teels Creek	258.5	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	S-D22	UNT/Teels Creek	258.6	Stream	Intermittent	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D18	UNT/Teels Creek	258.8	Stream	Ephemeral	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D20	UNT/Teels Creek	258.8	Stream	Intermittent	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-C14	Teels Creek	259.3	Stream	Perennial	36	0.07	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	S-C16	UNT/Teels Creek	259.6	Stream	Perennial	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-C17	Teels Creek	259.9	Stream	Perennial	41	0.05	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-120	Little Creek	260.1	Stream	Perennial	41	0.07	0.05	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-120	Little Creek	260.2	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-120	Little Creek	260.3	Stream	Perennial		0.01		Temporary Work Space	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	NHD-129	Little Creek	260.8	Artificial Path	Artificial Path	62	0.11	0.07	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Franklin	S-D16	UNT/Blackwater River	262.2	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-162	Blackwater River	262.8	Artificial Path	Artificial Path	75	0.13	0.09	Temporary Work Space, Permanent Easement	Open Cut Wet Ditch	Intermediate	AL, FC, R, W, PWS			
Virginia	Franklin	NHD-085	UNT/Blackwater River	264.4	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-B15	UNT/Blackwater River	264.4	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-085	UNT/Blackwater River	264.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Franklin	NHD-140	UNT/Blackwater River	264.5	Stream	Intermittent		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-179	UNT/Blackwater River	264.5	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-B17	UNT/Blackwater River	264.5	Stream	Perennial	24	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-S8	UNT/Blackwater River	264.5	Stream	Perennial		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-S9	UNT/Blackwater River	264.5	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-026	UNT/Blackwater River	264.6	Stream	Intermittent		0.01		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-180	UNT/Blackwater River	264.7	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-S6	UNT/Blackwater River	264.7	Stream	Perennial		0.01	0.01	Temporary Work Space, Permanent Easement, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-180	UNT/Blackwater River	264.8	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-S6	UNT/Blackwater River	264.8	Stream	Perennial	22	0.03	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-C8	UNT/Blackwater River	264.9	Stream	Intermittent		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-F5	UNT/Blackwater River	264.9	Stream	Ephemeral	6	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-F6	UNT/Maggodee Creek	265.4	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-F7	UNT/Maggodee Creek	265.6	Stream	Perennial	17	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-S10	UNT/Maggodee Creek	266.0	Stream	Perennial		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-F8	UNT/Maggodee Creek	266.1	Stream	Perennial	22	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-S11	UNT/Maggodee Creek	266.1	Stream	Perennial		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-C20	UNT/Maggodee Creek	266.4	Stream	Ephemeral	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-C19	Maggodee Creek	266.6	Stream	Perennial	36	0.06	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-F11	Blackwater River	266.9	Stream	Perennial	88	0.15	0.10	Temporary Work Space, Permanent Easement	Open Cut Wet Ditch	Intermediate	AL, FC, R, W, PWS			
Virginia	Franklin	NHD-050	UNT/Maple Branch	267.4	Stream	Intermittent		0.01	0.01	Access Roads Work Space Temporary, Access Roads Work Space Permanent	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-F9B	UNT/Blackwater River	267.4	Stream	Perennial	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-F10	UNT/Blackwater River	267.7	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-F9A	UNT/Blackwater River	267.7	Stream	Intermittent	19	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-GG4	UNT/Blackwater River	268.1	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A36	UNT/Foul Ground Creek	268.6	Stream	Ephemeral	15	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-A39	UNT/Foul Ground Creek	268.9	Stream	Ephemeral		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A41	Foul Ground Creek	269.6	Stream	Intermittent	23	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-G21	UNT/Poplar Camp Creek	271.4	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G22	UNT/Poplar Camp Creek	271.4	Stream	Perennial	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-G23	UNT/Poplar Camp Creek	271.4	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G20	Poplar Camp Creek	271.6	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W, PWS			
Virginia	Franklin	S-G18	UNT/Blackwater River	272.2	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G17	UNT/Blackwater River	272.5	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-E18	UNT/Blackwater River	272.9	Stream	Perennial	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

## Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Franklin	S-E17	UNT/Blackwater River	273.2	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-E14	UNT/Blackwater River	273.7	Stream	Perennial	13	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H38	UNT/Jacks Creek	274.6	Stream	Perennial	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H37	UNT/Jacks Creek	274.9	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H36	UNT/Jacks Creek	275.0	Stream	Perennial	32	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H34	UNT/Jacks Creek	275.2	Stream	Perennial	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H32	UNT/Jacks Creek	275.4	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H30	UNT/Jacks Creek	275.7	Stream	Intermittent		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A18	UNT/Jacks Creek	275.8	Stream	Intermittent	4			Pipeline	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A18	UNT/Jacks Creek	275.9	Stream	Intermittent		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A19	UNT/Jacks Creek	275.9	Stream	Intermittent	24			Pipeline	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A19	UNT/Jacks Creek	276.0	Stream	Intermittent	8	0.03	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A20	UNT/Jacks Creek	276.0	Stream	Perennial	22	0.05	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-A22	UNT/Jacks Creek	276.4	Stream	Intermittent	13	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H27	UNT/Jacks Creek	276.4	Stream	Ephemeral	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H28	UNT/Jacks Creek	276.4	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-109	UNT/Little Jacks Creek	276.7	Stream	Intermittent		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H25	Little Jacks Creek	277.1	Stream	Perennial	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H24	UNT/Little Jacks Creek	277.2	Stream	Perennial	46	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-H23	UNT/Turkey Creek	277.4	Stream	Ephemeral	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A13	Turkey Creek	277.8	Stream	Perennial	13	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A7	UNT/Dinner Creek	278.3	Stream	Intermittent			0.01	Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-H17	Dinner Creek	278.3	Stream	Intermittent	2	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-A7	UNT/Dinner Creek	278.4	Stream	Intermittent	7	0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-002	Polecat Creek	278.6	Stream	Intermittent	10		0.01	Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	NHD-002	Polecat Creek	278.7	Stream	Intermittent		0.03		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-DD3	Owens Creek	279.3	Stream	Intermittent		0.01		Temporary Work Space, ATWS	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-DD3	Owens Creek	279.4	Stream	Intermittent	4		<0.005	Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-G16	Strawfield Creek	279.5	Stream	Perennial	30	0.05	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Franklin	S-G15	UNT/Parrot Branch	279.8	Stream	Intermittent	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-G13	Parrot Branch	280.2	Stream	Perennial	8	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Franklin	S-D7	UNT/Jonnikin Creek	280.9	Stream	Intermittent	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-D3	UNT/Jonnikin Creek	281.6	Stream	Perennial	10	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-D4	UNT/Jonnikin Creek	281.6	Stream	Intermittent	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-D2	Jonnikin Creek	282.0	Stream	Perennial	18	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				



Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Pittsylvania	S-D1	UNT/Jonnikin Creek	282.2	Stream	Intermittent	3	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G11	UNT/Jonnikin Creek	282.5	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-P7	UNT/Jonnikin Creek	282.6	Stream	Ephemeral		<0.005		Access Roads Work Space Temporary	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G9	UNT/Jonnikin Creek	282.9	Stream	Intermittent	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G8	UNT/Jonnikin Creek	283.1	Stream	Intermittent	4	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-Q15	UNT/Jonnikin Creek	283.1	Stream	Ephemeral	9	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-A5	UNT/Rocky Creek	283.4	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	NHD-171	UNT/Rocky Creek	283.5	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-A6	UNT/Rocky Creek	283.5	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H11	UNT/Rocky Creek	283.7	Stream	Ephemeral		0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H11	UNT/Rocky Creek	283.8	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H9	UNT/Rocky Creek	283.8	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-F1	UNT/Rocky Creek	284.1	Stream	Ephemeral		0.01		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-F1	UNT/Rocky Creek	284.2	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-C7	UNT/Rocky Creek	284.3	Stream	Perennial	20	0.04	0.03	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-F2	UNT/Rocky Creek	284.3	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-E12	UNT/Pigg River	285.7	Stream	Ephemeral		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-E11	Pigg River	286.3	Stream	Perennial	83	0.14	0.09	Temporary Work Space, Permanent Easement	Open Cut Wet Ditch	Major	AL, FC, R, W	CW, TE	Roanoke logperch, Yellow lampmussel	August 15 - June 30
Virginia	Pittsylvania	S-H8	UNT/Rocky Creek	286.5	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-A4	UNT/Rocky Creek	286.7	Stream	Perennial		0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H7	UNT/Rocky Creek	286.7	Stream	Intermittent	17	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-C3	Harpen Creek	287.1	Stream	Perennial	19	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Pittsylvania	S-C4	UNT/Harpen Creek	287.1	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H13	Harpen Creek	287.7	Stream	Perennial	17	0.04	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Pittsylvania	S-G6	UNT/Harpen Creek	288.4	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G5	UNT/Harpen Creek	289.0	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G4	Harpen Creek	289.2	Stream	Perennial	33	0.06	0.04	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate	AL, FC, R, W			
Virginia	Pittsylvania	S-G3	UNT/Harpen Creek	289.4	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC16	UNT/Harpen Creek	289.6	Stream	Perennial	11	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-CC13	UNT/Cherrystone Creek	290.8	Stream	Intermittent	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC14	UNT/Cherrystone Creek	290.8	Stream	Intermittent	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC15	UNT/Cherrystone Creek	291.1	Stream	Perennial	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC5	UNT/Cherrystone Creek	291.4	Stream	Perennial	14	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC8	UNT/Cherrystone Creek	291.4	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC9	UNT/Cherrystone Creek	291.7	Stream	Ephemeral	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
Virginia	Pittsylvania	S-CC10	UNT/Cherrystone Creek	291.8	Stream	Intermittent	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC11	UNT/Cherrystone Creek	292.0	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-CC12	UNT/Cherrystone Creek	292.2	Stream	Ephemeral	6	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC1	Cherrystone Creek	292.4	Stream	Perennial	16	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-CC2	UNT/Cherrystone Creek	292.4	Stream	Perennial		<0.005		Temporary Work Space	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-CC3	UNT/Cherrystone Creek	292.5	Stream	Perennial	8	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-Q4	UNT/Pole Bridge Branch	293.6	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-Q2	UNT/Pole Bridge Branch	293.8	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-Q3	UNT/Pole Bridge Branch	293.8	Stream	Perennial	18	0.03	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-Q1	UNT/Pole Bridge Branch	294.0	Stream	Ephemeral		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-B6	UNT/Pole Bridge Branch	294.4	Stream	Ephemeral	12	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-B8	UNT/Pole Bridge Branch	294.5	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-B9	UNT/Pole Bridge Branch	294.6	Stream	Perennial	7	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-DD4	UNT/Mill Creek	295.5	Stream	Dry ditch		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-DD4	UNT/Mill Creek	295.6	Stream	Dry ditch	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-C1	Mill Creek	296.2	Stream	Intermittent	6	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-G2	Little Cherrystone Creek	297.3	Stream	Perennial	4	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Pittsylvania	S-B2	UNT/Little Cherrystone Creek	297.8	Stream	Ephemeral	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H55	UNT/Little Cherrystone Creek	298.4	Stream	Ephemeral	3	<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-GG11	UNT/Little Cherrystone Creek	298.6	Stream	Perennial		0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H54	UNT/Little Cherrystone Creek	298.6	Stream	Perennial	14	0.02	0.02	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-H3	UNT/Little Cherrystone Creek	299.3	Stream	Intermittent		<0.005	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	S-H5	UNT/Little Cherrystone Creek	299.4	Stream	Perennial	9	0.02	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	NHD-039	UNT/Little Cherrystone Creek	299.7	Stream	Intermittent	5	0.01	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor				
Virginia	Pittsylvania	NHD-144	Little Cherrystone Creek	300.3	Stream	Perennial	11	0.03	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Minor	AL, FC, R, W			
Virginia	Pittsylvania	NHD-104	UNT/Little Cherrystone Creek	300.6	Stream	Intermittent	<0.05	0.01	<0.005	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				
Virginia	Pittsylvania	S-H41	UNT/Little Cherrystone Creek	300.6	Stream	Intermittent	15	0.04	0.01	Temporary Work Space, Permanent Easement	Open Cut Dry Ditch	Intermediate				

Notes:

UNT – Unnamed Tributary, ATWS = Additional Temporary Work Space

a/ Source: USGS National Hydrographic Data (NHD) 2015, and field survey where access has been obtained, through July 31, 2015. Surveyed waterbodies are identified with IDs beginning with "S".

b/ From Federal Register / Vol. 80, No. 124 / Monday, June 29, 2015 / Rules

Ephemeral streams (rain-dependent streams) have flowing water only in response to precipitation events in a typical year, and are always above the water table.

Intermittent streams (seasonal streams) are those that have both precipitation and groundwater providing part of the stream's flow, and flow continuously only during certain times of the year (e.g., during certain seasons such as the rainy season).

c/ West Virginia State Water Classifications: (Source: WVDEP)

A = Public water

B = Propagation and Maintenance of fish and other aquatic life includes: warm water fishery, trout waters, and wetlands

C = Water Contact Recreation

D = Irrigation, Wildlife, Livestock watering

E = Water transport, Cooling water, Power production, Industrial

d/ Virginia State Water Classifications: (Source: VDEQ)

AL = Propagation and Maintenance of fish and other aquatic life

FC = Production of edible and marketable natural resources including fish and shellfish

R = Water Contact Recreation, including swimming and boating

W = Wildlife

Table 2-A-2

Waterbodies Crossed by the MVP Project - Summary by Impact Type a/

State	County	Waterbody ID	Waterbody Name	Milepost	Waterbody Type	Flow Type b/	Length of Crossing (feet)	Construction Impacts (Acres)	Permanent Impacts (Acres)	Impact Description	Crossing Method	FERC Classification	Classification c/, d/	Fishery Type e/	Fish Species	Time of Year Restriction f/
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PWS= Public Water Supply

No data = This stream has not been accessed by the VDEQ and there is no data.

e/ Fishery Type: (Source: WVDEP and VDGIF)

f/ TOYR = Time of Year Restriction as determined by U.S. Army Corps of Engineers 401 Water Quality Certification for waterbodies crossed in WV, and by VDGIF for waterbodies crossed in VA containing rare, threatened, or endangered species.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
0.2	Wetzel	West Virginia	MVP-ATWS-734A	S-J64	0	ATWS is required for construction entrance development from public road. Culvert to be installed in roadway drainage ditch. Temporary disturbance with area to be reclaimed to original condition.
0.2	Wetzel	West Virginia	MVP-ATWS-734	S-J64	0	ATWS is required for construction entrance development from public road. Culvert to be installed in roadway drainage ditch. Temporary disturbance with area to be reclaimed to original condition.
0.6	Wetzel	West Virginia	MVP-ATWS-002	S-A1	34	ATWS is on north side of road with a bar ditch separating the two.
0.7	Wetzel	West Virginia	MVP-ATWS-003A	S-A1	50	Needed for multiple line crossings, very difficult conventional bore, stream crossing, and staging needs.
0.7	Wetzel	West Virginia	MVP-ATWS-735	S-A2	26	There is an existing paved road between S-A2 and ATWS which is higher elevation and will act as a dam for water flow. Construction expects zero impact to stream.
1.3	Wetzel	West Virginia	MVP-ATWS-738	S-A4	50	ATWS will be used for an open cut stream crossing.
1.4	Wetzel	West Virginia	MVP-ATWS-737	S-J65	0	ATWS will be used for material staging. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
1.4	Wetzel	West Virginia	MVP-ATWS-737	S-J66	50	ATWS will be used for material staging.
1.4	Wetzel	West Virginia	MVP-ATWS-737A	S-J65	0	ATWS will be used for material staging. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
2.3	Wetzel	West Virginia	MVP-ATWS-005	S-A6	43	ATWS is needed for parking/staging material, as well as installing both a stream section and open cut road crossing. Existing maintained agricultural field.
5.0	Wetzel	West Virginia	MVP-ATWS-006	S-A126	0	ATWS is necessary for parking, staging material, and will assist in conventional bore of county road (2/1 Mannington Road). Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
5.0	Wetzel	West Virginia	MVP-ATWS-006	S-A126	0	ATWS is necessary for parking, staging material, and will assist in conventional bore of county road (2/1 Mannington Road). Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
5.0	Wetzel	West Virginia	MVP-ATWS-006	S-A125	34	ATWS is necessary for parking, staging material, and will assist in conventional bore of county road (2/1 Mannington Road)
5.0	Wetzel	West Virginia	MVP-ATWS-006A	S-A125	44	ATWS is necessary for parking, staging material, and will assist in conventional bore of county road (2/1 Mannington Road)
5.3	Wetzel	West Virginia	MVP-ATWS-007	S-A123	19	ATWS is necessary for construction staging for winch hill installation.
5.6	Wetzel	West Virginia	MVP-ATWS-009	S-A117	21	ATWS is necessary for access road entrance coming from two winch hills, drain and wetland crossings, and also is within the limits of an existing agricultural field which is regularly maintained. The ATWS will also be used for parking and material storage. Note* There is an existing road between S-A117 and proposed ATWS-009.
5.6	Wetzel	West Virginia	MVP-ATWS-009	S-A118	33	ATWS is necessary for access road entrance coming from two winch hills, drain and wetland crossings, and also is within the limits of an existing agricultural field which is regularly maintained. The ATWS will also be used for parking and material storage. Note* There is an existing road between S-A117 and proposed ATWS-009.
6.6	Wetzel	West Virginia	MVP-ATWS-010	S-A120	7	ATWS is at base of (2) winch hills and a stream crossing while also intersecting an access road. ATWS limits are within existing agricultural field and is necessary for parking, material storage, and set up.
6.6	Wetzel	West Virginia	MVP-ATWS-010	S-A121	43	ATWS is at base of (2) winch hills and a stream crossing while also intersecting an access road. ATWS limits are within existing agricultural field and is necessary for parking, material storage, and set up.

Table 2-A-3 ATWS located within 50 feet of waterbodies						
MP	County	State	ATWS	Waterbody	Offset (feet)	Reason
7.4	Wetzel	West Virginia	MVP-ATWS-750	S-A113	0	ATWS will aid in construction of road in tight curve for safe operation, as well as provide material storage and parking. It should be noted Wetland is downstream of ATWS. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
8.0	Wetzel	West Virginia	MVP-ATWS-012A	S-J60	14	ATWS is required for Open cut road crossing, construction staging, and parking.
8.9	Wetzel	West Virginia	MVP-ATWS-013	S-J56	19	ATWS is required for staging, parking, and set up for steep access road. There is an existing road between ATWS-013 and stream.
11.2	Harrison	West Virginia	MVP-ATWS-015	S-J62	50	ATWS necessary due to winch hill construction as well as an open cut stream crossing.
12.1	Harrison	West Virginia	MVP-ATWS-403	S-B74	4	ATWS is necessary for open cut road crossing at base of winch hill. It should be noted ATWS is within an existing Agricultural field.
12.1	Harrison	West Virginia	MVP-ATWS-403	S-B75	7	ATWS is necessary for open cut road crossing at base of winch hill. It should be noted ATWS is within an existing Agricultural field.
12.1	Harrison	West Virginia	MVP-ATWS-403	S-F49	37	ATWS is necessary for open cut road crossing at base of winch hill. It should be noted ATWS is within an existing Agricultural field.
12.2	Harrison	West Virginia	MVP-ATWS-403A	S-B74	13	ATWS is necessary for open cut stream crossing at base of winch hill. Area is marked as a potential test break location. It should be noted ATWS is within an existing Agricultural field.
12.2	Harrison	West Virginia	MVP-ATWS-403A	S-B75	13	ATWS is necessary for open cut stream crossing at base of winch hill. Area is marked as a potential test break. It should be noted ATWS is within an existing Agricultural field.
13.4	Harrison	West Virginia	MVP-ATWS-788	S-B78	22	ATWS intersects Access road and public road. Utilized for construction staging and parking.
15.4	Harrison	West Virginia	MVP-ATWS-021	S-J50	11	ATWS is necessary for a combined railroad and highway conventional bore. Potentially utilized for stream crossing section as well.
15.4	Harrison	West Virginia	MVP-ATWS-406	S-B80	8	ATWS limits are within existing cleared bottom. ATWS is required for parking, staging, and receiving the railroad/highway conventional bore.
15.4	Harrison	West Virginia	MVP-ATWS-458	S-J51	3	ATWS is necessary for a combined railroad and highway conventional bore. Utilized for stream crossing section as well.
15.4	Harrison	West Virginia	MVP-ATWS-458	S-J50	18	ATWS is necessary for a combined railroad and highway conventional bore. Utilized for stream crossing section as well.
15.4	Harrison	West Virginia	MVP-ATWS-021C	S-J51	9	ATWS is necessary for a combined railroad and highway conventional bore. Utilized for stream crossing section as well.
15.5	Harrison	West Virginia	MVP-ATWS-022	S-J51	14	ATWS will be utilized for open cut stream crossing and winch hill set-up.
15.5	Harrison	West Virginia	MVP-ATWS-022A	S-J51	18	ATWS will be utilized for construction staging and parking.
15.5	Harrison	West Virginia	MVP-ATWS-022A	S-J54	25	ATWS will be utilized for construction staging and parking.
15.5	Harrison	West Virginia	MVP-ATWS-022B	S-J54	21	ATWS will be utilized for construction staging and parking.
15.5	Harrison	West Virginia	MVP-ATWS-022B	S-J53	39	ATWS will be utilized for construction staging and parking.
17.8	Harrison	West Virginia	MVP-ATWS-025	S-A10	41	Existing Agricultural field. ATWS is critical to set up road bore and stream crossing. ATWS will also be utilized for parking and material storage.
17.8	Harrison	West Virginia	MVP-ATWS-025	S-A9	46	Existing Agricultural field. ATWS is critical to set up road bore and stream crossing. ATWS will also be utilized for parking and material storage.
17.9	Harrison	West Virginia	MVP-ATWS-025C	S-A10	39	ATWS will be utilized for open cut stream crossing.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
18.6	Harrison	West Virginia	MVP-ATWS-758	S-A130	0	ATWS is at intersection of access road and public road. ATWS is required for construction upgrade of road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
18.8	Harrison	West Virginia	MVP-ATWS-028	S-B3	26	ATWS is necessary to stage road bore and stream crossing. ATWS is within a maintained agricultural field.
18.8	Harrison	West Virginia	MVP-ATWS-028	S-B1	50	ATWS necessary for an open cut road and stream crossing
19.0	Harrison	West Virginia	MVP-ATWS-760	S-A129	0	ATWS is necessary for parking, material staging, and road construction. ATWS limits are partially within a maintained agricultural field. Culvert to be installed in roadway drainage ditch. Temporary disturbance with area to be reclaimed to original condition.
19.0	Harrison	West Virginia	MVP-ATWS-760	S-A128	50	ATWS is necessary for parking, material staging, and road construction. ATWS limits are partially within a maintained agricultural field.
21.6	Harrison	West Virginia	MVP-ATWS-034	S-A11	50	ATWS necessary for open cut road crossing as well as an open cut stream crossing.
23.1	Harrison	West Virginia	MVP-ATWS-037A	S-B6	50	ATWS necessary for conventional bore work area. Material Staging and set-up
23.1	Harrison	West Virginia	MVP-ATWS-037A	S-BF0	50	ATWS necessary for conventional bore work area. Material Staging and set-up
24.6	Harrison	West Virginia	MVP-ATWS-039	S-B8	50	ATWS will be used for Timber Laydown area
25.0	Harrison	West Virginia	MVP-ATWS-789A	S-B81	17	ATWS intersects access road and public road. Utilized for parking and construction entrance. Areas are culverted.
25.0	Harrison	West Virginia	MVP-ATWS-789	S-B81	0	ATWS intersects access road and public road. Utilized for parking and construction entrance. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
32.1	Doddridge	West Virginia	MVP-ATWS-049	S-K76	29	ATWS limits are within active agricultural field. ATWS will be utilized for construction staging and parking
32.8	Harrison	West Virginia	MVP-ATWS-1338	S-K80	39	ATWS is necessary for multiple road crossings, open cut road crossing, and will be utilized for construction staging, material staging, and improves overall safety of crossings. ATWS is within existing agricultural field.
32.8	Harrison	West Virginia	MVP-ATWS-051	S-K80	18	ATWS is necessary for multiple road crossings, open cut road crossing, and will be utilized for construction staging, material staging, and improves overall safety of crossings. ATWS is within existing agricultural field.
34.1	Doddridge	West Virginia	MVP-ATWS-772	S-K69	32	ATWS is needed for construction upgrades to Access road for pipe truck travel.
34.1	Doddridge	West Virginia	MVP-ATWS-772	S-K70	34	ATWS is needed for construction upgrades to Access road for pipe truck travel.
34.4	Doddridge	West Virginia	MVP-ATWS-774	S-K54	19	ATWS is at intersection of access road to right of way. ATWS will be Utilized for parking and construction staging. ATWS is critical in staging an open cut road crossing, as well as two drain crossings.
34.7	Doddridge	West Virginia	MVP-ATWS-777	S-K72	36	The ATWS is an existing gravel work area. This is a former/existing ATWS for past frac pond. Our intent is to not disturb man made ditch which runs through the center with a culvert.
34.7	Doddridge	West Virginia	MVP-ATWS-777	S-K59	50	The ATWS is an existing gravel work area. This is a former/existing ATWS for past frac pond. Our intent is to not disturb man made ditch which runs through the center with a culvert.
34.7	Doddridge	West Virginia	MVP-ATWS-776	S-K72	28	This ATWS is existing with environmental controls in place. There is an existing paved road and bar ditch between stream and ATWS.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
34.9	Doddridge	West Virginia	MVP-ATWS-053	S-A110	0	ATWS is necessary for conventional bore road crossing, open cut stream crossing, intersection of access road, parking, and material staging. ATWS is within limits of very active agricultural field. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
34.9	Doddridge	West Virginia	MVP-ATWS-053	S-A111	7	ATWS is necessary for conventional bore road crossing, open cut stream crossing, intersection of access, parking, and material staging. ATWS is within limits of very active agricultural field.
34.9	Doddridge	West Virginia	MVP-ATWS-053	S-K62	27	ATWS is necessary for conventional bore road crossing, open cut stream crossing, intersection of access, parking, and material staging. ATWS is within limits of very active agricultural field.
37.3	Harrison	West Virginia	MVP-ATWS-1063	S-A108	0	ATWS will be utilized for truck turn around. ATWS desired by environmental company. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
38.1	Harrison	West Virginia	MVP-ATWS-056	S-A105	8	ATWS will aid in hill section construction, serve as a staging area, and stream/wetland section construction
38.1	Harrison	West Virginia	MVP-ATWS-056	S-A106	44	ATWS will aid in hill section construction, serve as a staging area, and stream/wetland section construction
38.1	Harrison	West Virginia	MVP-ATWS-056A	S-A105	23	ATWS will aid in hill section construction, serve as a staging area, and stream/wetland section construction
38.1	Harrison	West Virginia	MVP-ATWS-056A	S-B17	50	ATWS will aid in hill section construction, serve as a staging area, and stream/wetland section construction
38.1	Harrison	West Virginia	MVP-ATWS-057	S-A105	9	ATWS will be utilized for set-up of open cut road crossing, and set up on base of hill section
40.0	Lewis	West Virginia	MVP-ATWS-832	S-K93	0	ATWS will be utilized for construction staging and parking. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
41.3	Lewis	West Virginia	MVP-ATWS-059	S-I67	44	ATWS is necessary for the construction of an open cut road crossing, and installation stream crossing at base of winch hill. Potential testing site
41.3	Lewis	West Virginia	MVP-ATWS-059A	S-I66	11	ATWS is necessary for the construction of an open cut road crossing, and installation stream crossing at base of winch hill. Potential testing site
42.0	Lewis	West Virginia	MVP-ATWS-060	S-I69	14	ATWS is at intersection of Access road and public road. ATWS will be utilized for parking and material storage
42.0	Lewis	West Virginia	MVP-ATWS-060	S-I68	40	ATWS is at intersection of Access road and public road. ATWS will be utilized for parking and material storage
42.0	Lewis	West Virginia	MVP-ATWS-060A	S-I69	11	ATWS is at intersection of Access road and public road. ATWS will be utilized for parking and material storage
42.0	Lewis	West Virginia	MVP-ATWS-060A	S-I68	13	ATWS is at intersection of Access road and public road. ATWS will be utilized for parking and material storage
42.7	Lewis	West Virginia	MVP-ATWS-062A	S-J43	35	Will need to reevaluate ATWS to 15' of stream. This will aid in open cut road crossing, as well as an open cut stream crossing.
44.8	Lewis	West Virginia	MVP-ATWS-064	S-J46	43	ATWS is necessary for steep conventional bore at base of winch hill. ATWS also necessary for open cut stream crossing, material storage, and additional construction staging.
45.9	Lewis	West Virginia	MVP-ATWS-070A	S-K46	1	ATWS is required to set up wetland crossing at base of winch hill and conventional bore road crossing.
46.0	Lewis	West Virginia	MVP-ATWS-071	S-B67	41	ATWS is needed for construction upgrades to Access road for pipe truck travel.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
46.1	Lewis	West Virginia	MVP-ATWS-072C	S-B70	39	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
46.1	Lewis	West Virginia	MVP-ATWS-072B	S-B70	6	ATWS is necessary for parking and staging, will also aid in construction of drain crossings, and is within limits of active agricultural field.
48.0	Lewis	West Virginia	MVP-ATWS-074	S-H170	44	ATWS is on opposite side of highway from stream/ditch. ATWS is necessary for set up of public road conventional bore. Testing/Dewatering site
48.0	Lewis	West Virginia	MVP-ATWS-074	S-I64	50	ATWS is necessary for set up of public road conventional bore. Testing/Dewatering site
48.1	Lewis	West Virginia	MVP-ATWS-075A	S-I64	34	ATWS is necessary for stream crossing. Proposed Testing Site
51.0	Lewis	West Virginia	MVP-ATWS-805	S-KK3	15	ATWS will be used for equipment parking and material storage.
52.4	Lewis	West Virginia	MVP-ATWS-079	S-K45	0	ATWS will be utilized for stream crossing installation, access road crossing, staging and parking, and also located at base of two winch hills. ATWS limits are within active agricultural field. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
53.8	Lewis	West Virginia	MVP-ATWS-917	S-L78	0	ATWS will be utilized for construction staging and parking. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
53.8	Lewis	West Virginia	MVP-ATWS-917	S-JJ1 04	0	ATWS will be utilized for construction staging and parking. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
55.2	Lewis	West Virginia	MVP-ATWS-863	S-I63	7	ATWS within active agricultural field. ATWS is needed for conventional road bore, as well as an open cut stream crossing.
58.6	Lewis	West Virginia	MVP-ATWS-085	S-H160	33	ATWS will be utilized for road crossing via conventional bore. The ATWS is separated from stream by a paved road and bar ditch
58.7	Lewis	West Virginia	MVP-ATWS-086A	S-H162	0	ATWS will be used to set up base of hill section, as well as stream crossing installation. ATWS will also be utilized for parking and staging. ATWS is within existing agricultural field. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
58.7	Lewis	West Virginia	MVP-ATWS-086A	S-H160	46	ATWS will be used to set up base of hill section, as well as stream crossing installation. ATWS will also be utilized for parking and staging. ATWS is within existing agricultural field
59.3	Lewis	West Virginia	MVP-ATWS-088	S-H156	10	ATWS is at intersection of access road and right of way. This ATWS will be utilized for parking and construction staging.
59.3	Lewis	West Virginia	MVP-ATWS-087	S-L76	43	ATWS is at intersection of access road and right of way. This ATWS will be utilized for parking and construction staging.
59.6	Lewis	West Virginia	MVP-ATWS-428	S-H151	8	ATWS will be utilized to set up a drain crossing.
60.0	Lewis	West Virginia	MVP-ATWS-430	S-H145	50	ATWS will be used for an open cut stream crossing and open cut road crossing.
60.0	Lewis	West Virginia	MVP-ATWS-430A	S-H165	20	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.
60.0	Lewis	West Virginia	MVP-ATWS-430B	S-H165	8	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.
60.0	Lewis	West Virginia	MVP-ATWS-430B	S-L74	13	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.
60.0	Lewis	West Virginia	MVP-ATWS-430B	S-H169	26	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.
60.0	Lewis	West Virginia	MVP-ATWS-430B	S-H145	29	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.



**Table 2-A-3  
ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
60.0	Lewis	West Virginia	MVP-ATWS-430B	S-H165	35	ATWS is at intersection of access road and right of way. ATWS is required for material storage and parking.
60.0	Lewis	West Virginia	MVP-ATWS-879	S-H165	7	ATWS is required for construction through open cut stream crossing.
60.0	Lewis	West Virginia	MVP-ATWS-879	S-H167	8	ATWS is required for construction through open cut stream crossing.
60.0	Lewis	West Virginia	MVP-ATWS-878	S-H167	11	ATWS is required for construction through open cut stream crossing.
60.0	Lewis	West Virginia	MVP-ATWS-881	S-L73	31	ATWS is at intersection of access road and public road. Utilized for staging, parking, and stream crossings. ATWS limits within existing active agricultural fields
60.0	Lewis	West Virginia	MVP-ATWS-880	S-L73	30	ATWS is at intersection of access road and public road. Utilized for staging, parking, and stream crossings. ATWS limits within existing active agricultural fields
60.2	Lewis	West Virginia	MVP-ATWS-432	S-H163	43	ATWS is required for conventional bore of Interstate I-79
60.3	Lewis	West Virginia	MVP-ATWS-433A	S-H144	16	ATWS is required for conventional bore of Interstate I-79
63.9	Lewis	West Virginia	MVP-ATWS-093A	S-H134	1	ATWS will aid in construction of road in tight curve for safe operation, as well as provide material storage and parking.
67.5	Braxton	West Virginia	MVP-ATWS-100	S-L51	26	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-100	S-J38	26	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-101	S-J39	10	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-101	S-J37	16	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-101	S-L51	33	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-101	S-J38	50	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-100A	S-J40	12	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.5	Braxton	West Virginia	MVP-ATWS-100A	S-L55	33	ATWS is required for open cut road crossing, open cut stream crossing, construction staging, and parking.
67.8	Braxton	West Virginia	MVP-ATWS-884	S-L59	43	ATWS is at intersection of public road and access road. Used for entrance and constructions staging.
68.6	Braxton	West Virginia	MVP-ATWS-887	S-L58	0	ATWS is necessary for construction upgrades of existing access road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
68.6	Braxton	West Virginia	MVP-ATWS-887	S-L58-EXT1	0	ATWS is necessary for construction upgrades of existing access road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
68.6	Braxton	West Virginia	MVP-ATWS-888	S-L58	0	ATWS is necessary for construction upgrades of existing access road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
68.6	Braxton	West Virginia	MVP-ATWS-886	S-L57	0	Required for construction upgrade of existing road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
68.6	Braxton	West Virginia	MVP-ATWS-885	S-L57	0	Required for construction upgrade of existing road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
68.8	Braxton	West Virginia	MVP-ATWS-439	S-L60	40	ATWS is required for an open cut road crossing, as well as improved safety for set-up at base of winch hill.
68.8	Braxton	West Virginia	MVP-ATWS-439	S-J33	50	ATWS is required for an open cut road crossing, as well as improved safety for set-up at base of winch hill.

Table 2-A-3 ATWS located within 50 feet of waterbodies						
MP	County	State	ATWS	Waterbody	Offset (feet)	Reason
72.3	Braxton	West Virginia	MVP-ATWS-896	S-J30	5	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies.
72.3	Braxton	West Virginia	MVP-ATWS-897	S-J30	0	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
72.4	Braxton	West Virginia	MVP-ATWS-110	S-I59	15	ATWS is connecting Right of way to existing road, within existing clear cut. Utilized for parking and construction staging
72.4	Braxton	West Virginia	MVP-ATWS-110	S-I60	45	ATWS is connecting Right of way to existing road, within existing clear cut. Utilized for parking and construction staging
72.5	Braxton	West Virginia	MVP-ATWS-111	S-J31	9	ATWS required to Conventional Bore highway 4 ( Gauley Turnpike), will also assist in open cut stream crossing
72.5	Braxton	West Virginia	MVP-ATWS-111A	S-J31	28	ATWS required to Conventional Bore highway 4 ( Gauley Turnpike), will also assist in open cut stream crossing
72.5	Braxton	West Virginia	MVP-ATWS-440	S-I59	17	ATWS required to Conventional Bore highway 4 ( Gauley Turnpike)
72.5	Braxton	West Virginia	MVP-ATWS-898	S-J31	1	ATWS is at intersection of access road and public road. ATWS will be utilized for parking, construction staging, construction entrance, as well as support vehicular stream crossing.
73.7	Braxton	West Virginia	MVP-ATWS-116	S-K33	0	ATWS is required for stream crossing set-up, construction staging, as well as parking. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
73.7	Braxton	West Virginia	MVP-ATWS-116	S-K34	7	ATWS is required for stream crossing set-up, construction staging, as well as parking.
73.7	Braxton	West Virginia	MVP-ATWS-116A	S-K37	12	ATWS is required for stream crossing set-up, construction staging, as well as parking.
73.7	Braxton	West Virginia	MVP-ATWS-116A	S-K36	25	ATWS is required for stream crossing set-up, construction staging, as well as parking.
73.8	Braxton	West Virginia	MVP-ATWS-441A	S-K35	2	ATWS will be required for a conventional road bore
73.8	Braxton	West Virginia	MVP-ATWS-608A	S-K35	34	ATWS will be required for staging, parking, and is at intersection of access road and Right Of Way
74.1	Braxton	West Virginia	MVP-ATWS-907	S-H126	11	ATWS is at intersection of access road and right of way. This ATWS will be utilized for staging, parking, and multiple open cut stream crossings.
74.8	Braxton	West Virginia	MVP-ATWS-909	S-L50	0	ATWS will be used in construction of access road switch-back for improved pipe truck turn radius. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
74.8	Braxton	West Virginia	MVP-ATWS-908	S-L50	0	ATWS will be used in construction of access road switch-back for improved pipe truck turn radius. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
74.8	Braxton	West Virginia	MVP-ATWS-908	S-L50-EXT1	0	ATWS will be used in construction of access road switch-back for improved pipe truck turn radius. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
75.0	Braxton	West Virginia	MVP-ATWS-119	S-H132	24	ATWS is necessary for set up of little Kanawha river crossing. Limits of ATWS is within limits of existing active agricultural field.
76.3	Braxton	West Virginia	MVP-ATWS-122A	S-H116	20	ATWS will be used for equipment parking and material storage.
77.8	Braxton	West Virginia	MVP-ATWS-129	S-L46	11	ATWS is necessary to stock pile material, as well as construction staging for open cut stream crossing.
78.2	Braxton	West Virginia	MVP-ATWS-131A	S-L45	14	ATWS is necessary to stock pile material, as well as construction staging for open cut stream crossing.

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
78.2	Braxton	West Virginia	MVP-ATWS-131A	S-L44	16	ATWS is necessary to stock pile material, as well as construction staging for open cut stream crossing.
81.6	Webster	West Virginia	MVP-ATWS-792	S-A100	46	ATWS is required for material staging, construction staging of open cut road crossing, as well as the Left Fork of Holly river crossing.
81.8	Webster	West Virginia	MVP-ATWS-716A	S-E83	28	ATWS will be utilized parking and construction staging. ATWS is at intersection of access road and county road within existing agricultural field.
81.8	Webster	West Virginia	MVP-ATWS-716A	S-E82	45	ATWS will be utilized parking and construction staging. ATWS is at intersection of access road and county road within existing agricultural field.
81.8	Webster	West Virginia	MVP-ATWS-716	S-E81	37	ATWS required for Left Fork of Holly River crossing.
83.2	Webster	West Virginia	MVP-ATWS-1035	S-S4	29	ATWS is required for access road upgrades in switch back area. Note* Existing Log Road
83.8	Webster	West Virginia	MVP-ATWS-922	S-R5-EXT 1	0	ATWS is required for construction upgrade of a switchback turn. Access road is shown as a state road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
83.8	Webster	West Virginia	MVP-ATWS-922	S-R5	0	ATWS is required for construction upgrade of a switchback turn. Access road is shown as a state road. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.
83.8	Webster	West Virginia	MVP-ATWS-922	S-R4	22	ATWS is required for construction upgrade of a switchback turn. Access road is shown as a state road.
86.3	Webster	West Virginia	MVP-ATWS-930	S-B55	0	ATWS will be used in construction of access road switch-back for improved pipe truck turn radius. Culvert to be installed in roadway drainage ditch. Temporary disturbance with area to be reclaimed to original condition.
86.3	Webster	West Virginia	MVP-ATWS-930	S-B55-EXT 1	0	ATWS will be used in construction of access road switch-back for improved pipe truck turn radius. Culvert to be installed in roadway drainage ditch. Temporary disturbance with area to be reclaimed to original condition.
86.3	Webster	West Virginia	MVP-ATWS-705	S-B67	50	Existing maintained agricultural field. Used for staging, parking, and is at intersection of access road and public road.
86.3	Webster	West Virginia	MVP-ATWS-705A	S-B67	41	Existing maintained agricultural field. Used for staging, parking, and is at intersection of access road and public road.
88.8	Webster	West Virginia	MVP-ATWS-935	S-T4	25	Necessary for construction upgrade of access road in switch-back turn
88.8	Webster	West Virginia	MVP-ATWS-934	S-T4	9	Necessary for construction upgrade of access road in switch-back turn
90.3	Webster	West Virginia	MVP-ATWS-941	S-T23	36	ATWS will aid in construction of road in tight curve for safe operation, as well as equipment parking.
90.3	Webster	West Virginia	MVP-ATWS-942	S-T24	10	ATWS will be used for equipment parking and material storage.
90.7	Webster	West Virginia	MVP-ATWS-151	S-T29	45	ATWS necessary to set up base of winch hill, construction staging, and aid in open cut stream crossing.
90.7	Webster	West Virginia	MVP-ATWS-151A	S-T29	50	ATWS necessary to set up base of winch hill, construction staging, and aid in open cut stream crossing.
90.8	Webster	West Virginia	MVP-ATWS-938	S-T30	50	ATWS necessary to set up base of winch hill, construction staging, and aid in open cut stream crossing. Intersection of access road and Right of Way
91.9	Webster	West Virginia	MVP-ATWS-950	S-O3	18	ATWS will aid in construction of road in tight curve for safe operation.
92.5	Webster	West Virginia	MVP-ATWS-157	S-A91	41	ATWS required for construction staging, parking, set-up at base of winch hill, and open cut stream crossing.
93.1	Webster	West Virginia	MVP-ATWS-678	S-H108	7	ATWS is at intersection of access road and public road, used for staging and parking.

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
93.1	Webster	West Virginia	MVP-ATWS-678	S-H109	25	ATWS is at intersection of access road and public road, used for staging and parking.
93.2	Webster	West Virginia	MVP-ATWS-1344	S-H104	10	ATWS is required for material staging for open cut stream crossing. ATWS is within existing agricultural field
93.2	Webster	West Virginia	MVP-ATWS-161	S-H104	50	ATWS is required for material staging for open cut stream crossing. ATWS is within existing agricultural field
97.7	Webster	West Virginia	MVP-ATWS-171C	S-B34	45	Existing maintained agricultural field. ATWS is required for both open cut road crossing, open cut stream crossing, material staging, and parking.
98.7	Webster	West Virginia	MVP-ATWS-452	S-O4	12	ATWS required for staging, parking, open cut stream crossing and conventional bore road crossing.
98.7	Webster	West Virginia	MVP-ATWS-452	S-O5	22	ATWS required for staging, parking, open cut stream crossing and conventional bore road crossing.
104.1	Webster	West Virginia	MVP-ATWS-178B	S-F34	50	ATWS necessary for open cut stream crossing. Material staging and pipe section fabrication.
104.1	Webster	West Virginia	MVP-ATWS-178A	S-F34	50	ATWS is an intersection of an access road an ROW used for parking and material staging.
104.2	Webster	West Virginia	MVP-ATWS-179A	S-F35	50	ATWS is an intersection of an access road an ROW used for parking and material staging.
109.4	Webster	West Virginia	MVP-ATWS-188	S-E54	50	ATWS is necessary for material staging at intersection of access road and right of way.
109.9	Nicholas	West Virginia	MVP-ATWS-966	S-E46	45	Existing access road between stream and ATWS. ATWS will be used for staging and parking in conjunction with open cut stream crossing.
111.0	Nicholas	West Virginia	MVP-ATWS-193A	S-F20	50	ATWS is necessary for open cut stream and road crossing.
112.9	Nicholas	West Virginia	MVP-ATWS-197	S-B28	40	ATWS will be used for an open cut stream crossing, equipment parking, and material storage.
114.8	Nicholas	West Virginia	MVP-ATWS-1314	S-A71	41	ATWS will be used for an open cut stream crossing.
115.8	Nicholas	West Virginia	MVP-ATWS-585A	S-H97	50	ATWS necessary for river crossing.
115.8	Nicholas	West Virginia	MVP-ATWS-585B	S-H95	13	ATWS is required for open cut stream crossing. ATWS will also be used for set up on base of winch hill.
115.8	Nicholas	West Virginia	MVP-ATWS-585B	S-H97	27	ATWS is required for open cut stream crossing. ATWS will also be used for set up at base of winch hill.
116.2	Nicholas	West Virginia	MVP-ATWS-1050	S-A64	40	ATWS is at intersection of access road and right of way. ATWS will be utilized for staging and parking.
117.1	Nicholas	West Virginia	MVP-ATWS-211A	S-I44	50	ATWS is necessary for an open cut stream crossing.
117.3	Nicholas	West Virginia	MVP-ATWS-591	S-I45	50	ATWS necessary for an open cut road crossing.
117.9	Nicholas	West Virginia	MVP-ATWS-997	S-I52	41	Intersection of access road and public road. ATWS will be used for staging/parking.
118.5	Nicholas	West Virginia	MVP-ATWS-217A	S-I50	50	ATWS necessary for the Gauley River Crossing
118.7	Nicholas	West Virginia	MVP-ATWS-998	S-J27	36	ATWS will be used for equipment parking and material storage.
119.9	Nicholas	West Virginia	MVP-ATWS-1345	S-J24	13	ATWS will be used for an open cut stream crossing.
119.9	Nicholas	West Virginia	MVP-ATWS-1007	S-U1	9	ATWS necessary for parking and material staging at access road entrance
119.9	Nicholas	West Virginia	MVP-ATWS-1005	S-R13	37	ATWS is required for pipe truck pull-off/passing, staging, and parking.
120.0	Nicholas	West Virginia	MVP-ATWS-1359	S-J24	34	ATWS is at intersection of access road and Right of way, required for installation of dual stream crossings.
125.0	Nicholas	West Virginia	MVP-ATWS-699	S-I37	44	ATWS is at intersection of access road and Right of way, required for installation of open cut stream crossing.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
125.7	Nicholas	West Virginia	MVP-ATWS-236	S-I40	50	ATWS is required for Parking, staging, and installation of open cut stream crossing.
126.5	Nicholas	West Virginia	MVP-ATWS-240B	S-I36	29	ATWS is required for parking, staging of material, and installation of open cut stream crossing.
130.1	Nicholas	West Virginia	MVP-ATWS-247	S-H89	42	ATWS is required for installation of open cut stream crossing
131.1	Nicholas	West Virginia	MVP-ATWS-249	S-H71	41	ATWS is required for construction staging, and installation of open cut stream crossing.
131.1	Nicholas	West Virginia	MVP-ATWS-249	S-H74	50	ATWS is required for construction staging, and installation of open cut stream crossing.
131.1	Nicholas	West Virginia	MVP-ATWS-249A	P-H3	10	ATWS is required for construction staging, and installation of open cut stream crossing.
138.3	Greenbrier	West Virginia	MVP-ATWS-1186	S-J30	38	ATWS will aid in construction of road in tight curve for safe operation.
140.1	Greenbrier	West Virginia	MVP-ATWS-601	S-J20	50	ATWS necessary for open cut stream crossing and conventional rail road bore.
143.3	Greenbrier	West Virginia	MVP-ATWS-1195	S-M7	40	ATWS required for parking and pull off area for trucking. Construction entrance upgrades.
143.3	Greenbrier	West Virginia	MVP-ATWS-1194	S-M7	1	ATWS required for parking and pull off area for trucking. Construction entrance upgrades.
143.7	Greenbrier	West Virginia	MVP-ATWS-273A	S-W27	44	ATWS required for open cut crossing of Meadow river, parking, and staging of material.
143.7	Greenbrier	West Virginia	MVP-ATWS-273A	S-I28	46	ATWS required for open cut crossing of Meadow river, parking, and staging of material.
143.8	Greenbrier	West Virginia	MVP-ATWS-274A	S-I28	35	ATWS required for an open cut river crossing, and conventional bore of railroad/Highway 60 crossing.
145.8	Greenbrier	West Virginia	MVP-ATWS-275	S-L24	3	ATWS required for parking, staging, and open cut road crossing.
146.7	Greenbrier	West Virginia	MVP-ATWS-1350	S-L22	1	ATWS required for parking and staging for open cut stream crossing, as well as a conventional road bore.
146.7	Greenbrier	West Virginia	MVP-ATWS-278A	S-L22	25	ATWS required for parking and staging for open cut stream crossing, as well as a conventional road bore.
146.8	Greenbrier	West Virginia	MVP-ATWS-673	S-V4	7	ATWS is intersection of access road and public road. Existing gravel lot. Required for parking and staging.
146.8	Greenbrier	West Virginia	MVP-ATWS-673	S-V5	17	ATWS is intersection of access road and public road. Existing gravel lot. Required for parking and staging.
147.9	Greenbrier	West Virginia	MVP-ATWS-283	S-L10	33	ATWS is at intersection of access road and right of way. ATWS required for open cut steam crossing.
147.9	Greenbrier	West Virginia	MVP-ATWS-283A	S-L10	11	ATWS is at intersection of access road and right of way. ATWS required for open cut steam crossing.
149.1	Greenbrier	West Virginia	MVP-ATWS-1033	S-L17	40	ATWS required for material staging used in conventional bore of public road.
150.3	Greenbrier	West Virginia	MVP-ATWS-1200	S-W20	12	ATWS is the intersection of access road and public road. ATWS will be used for parking and construction staging. ATWS is within active agricultural field.
154.5	Greenbrier	West Virginia	MVP-ATWS-291A	S-K25	27	ATWS will be used for parking, staging of material, and aid in conventional bore road crossing.
156.6	Greenbrier	West Virginia	MVP-ATWS-292A	S-FF1	17	ATWS is at intersection of access road and right of way and will be used as construction entrance to right of way. ATWS necessary for parking and construction staging.
156.6	Greenbrier	West Virginia	MVP-ATWS-292	S-FF1	22	ATWS is at intersection of access road and right of way and will be used as construction entrance to right of way. ATWS necessary for parking and construction staging.
162.3	Summers	West Virginia	MVP-ATWS-300	S-I17	50	Parking/staging for open cut stream crossing.
162.5	Summers	West Virginia	MVP-ATWS-301	S-I19	45	Parking/staging for open cut stream crossing.

Table 2-A-3 ATWS located within 50 feet of waterbodies						
MP	County	State	ATWS	Waterbody	Offset (feet)	Reason
165	Summers	West Virginia	MVP-ATWS-1179	S-J7	27	Construction upgrade entrance of access road, parking, construction staking. ATWS is at intersection of public road and access road.
165	Summers	West Virginia	MVP-ATWS-1178	S-J7	9	ATWS required for construction upgrade entrance of access road, parking, construction staking. ATWS is at intersection of public road and access road.
169.3	Summers	West Virginia	MVP-ATWS-551	S-N2	46	ATWS limits within existing active agricultural fields. ATWS necessary for staging and open cut road and stream crossing. Should be 50'. Review
169.3	Summers	West Virginia	MVP-ATWS-552	S-N3	50	ATWS limits within existing active agricultural fields. ATWS necessary for staging and open cut road and stream crossing.
169.8	Summers	West Virginia	MVP-ATWS-310	S-M1	50	ATWS used for staging, parking, and open cut stream crossing.
170.5	Summers	West Virginia	MVP-ATWS-558A	S-I8	7	ATWS is at intersection of access road and right of way. Will be used for Greenbrier river crossing needs.
170.8	Summers	West Virginia	MVP-ATWS-559A	S-I9	50	ATWS will be necessary for crossing of greenbrier river. Crossing method is yet to be determined. ATWS limits are within an active agricultural field. Proposed Testing Location
171.0	Summers	West Virginia	MVP-ATWS-312	S-K7	42	ATWS is required for parking, material storage, and aid in conventional bore of roadway and railroad.
171.0	Summers	West Virginia	MVP-ATWS-312A	S-K8	50	ATWS is required for parking, material storage, and aid in conventional bore of roadway and railroad.
171.1	Summers	West Virginia	MVP-ATWS-313	S-K8	34	ATWS is required for parking, material storage, and aid in conventional bore of roadway.
171.8	Summers	West Virginia	MVP-ATWS-315A	S-J5	50	ATWS necessary for a conventional bore road crossing and open cut stream crossing
172.4	Summers	West Virginia	MVP-ATWS-317	S-J3	43	ATWS limits within existing active agricultural field. ATWS will be required for parking, material staging, and open cut stream crossing.
176.5	Monroe	West Virginia	MVP-ATWS-1087	S-Q17	40	ATWS is at intersection of public road and access road. Upgrades to entrance required in ATWS for parking and construction staging.
176.5	Monroe	West Virginia	MVP-ATWS-327A	S-H61	39	ATWS is at intersection of access road and right of way. ATWS will be used for installation of open cut stream crossing.
181.7	Monroe	West Virginia	MVP-ATWS-331	S-A60	18	ATWS will be required for parking, staging of equipment, and in conjunction of open cut stream crossing. ATWS limits are within existing active agricultural property.
181.9	Monroe	West Virginia	MVP-ATWS-332	S-D31	8	ATWS will be required for material handling of conventional road bore, open cut stream crossing, and is also a desired location for hydro-testing
183.2	Monroe	West Virginia	MVP-ATWS-1315	S-D25	45	ATWS is within existing agricultural field. ATWS will be required for parking, staging, and open stream crossing.
184.4	Monroe	West Virginia	MVP-ATWS-336	s-z3	7	ATWS will be required for parking, staging, and road/stream crossings
184.4	Monroe	West Virginia	MVP-ATWS-336	s-z4	26	ATWS will be required for parking, staging, and road/stream crossings
191	Monroe	West Virginia	MVP-ATWS-648	S-E41	50	ATWS necessary for conventional bore road crossing and is at intersection of access road and right of way.
191.0	Monroe	West Virginia	MVP-ATWS-648A	S-E40	50	ATWS necessary for conventional bore road crossing and is at intersection of access road and right of way.
193.5	Monroe	West Virginia	MVP-ATWS-658	S-C38	25	ATWS will be used in set-up for conventional road bore.
193.8	Monroe	West Virginia	MVP-ATWS-1068	S-C40	50	ATWS will be used for parking/staging at intersection of public road and access road. Construction upgrades at entrance
197.5	Giles	Virginia	MVP-ATWS-1121	S-Q11	0	ATWS is at intersection of access road and pipeline. ATWS will be used for parking and construction staging. Culvert to be installed. Temporary disturbance with area to be reclaimed to original condition.

**Table 2-A-3**

**ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
201.0	Giles	Virginia	MVP-ATWS-1335	S-G29	19	ATWS will be required for material staging in conjunction with conventional road bore and open cut stream crossing.
203.4	Giles	Virginia	MVP-ATWS-464	s-z14	9	ATWS will be required for parking, construction staging, and both open cut road crossings as well as an open cut stream crossing.
203.4	Giles	Virginia	MVP-ATWS-464	s-z15	34	ATWS will be required for parking, construction staging, and both open cut road crossings as well as an open cut stream crossing.
204.7	Giles	Virginia	MVP-ATWS-1332	S-A32	44	ATWS will be required for parking and staging during conventional bore road crossing.
205.6	Giles	Virginia	MVP-ATWS-471	S-Y2	21	ATWS will be required for parking and staging of installation of two open cut stream crossing and one conventional bore road crossing.
205.7	Giles	Virginia	MVP-ATWS-1331	S-Y2	30	ATWS will be required for parking and staging of installation of two open cut stream crossing and one conventional bore road crossing.
206.0	Giles	Virginia	MVP-ATWS-467	S-E20	50	ATWS will be required for parking and construction staging, and installation of an open cut stream crossing.
223.8	Montgomery	Virginia	MVP-ATWS-669	S-E38	50	ATWS necessary for open cut stream crossing
223.9	Montgomery	Virginia	MVP-ATWS-670A	S-E38	50	ATWS necessary for open cut stream crossing
225.7	Montgomery	Virginia	MVP-ATWS-473A	S-G36	46	ATWS will be utilized for open cut stream crossing.
225.9	Montgomery	Virginia	MVP-ATWS-474	S-G38	33	ATWS is at intersection of right of way and access road to be used for parking and construction staging.
234.0	Montgomery	Virginia	MVP-ATWS-645	S-I1	44	ATWS is on opposite side of road from stream/ditch. ATWS required for parking and staging in conjunction with conventional bore under twin rail road and divided highway (460)
234.0	Montgomery	Virginia	MVP-ATWS-645A	S-I1	45	ATWS is on opposite side of road from stream/ditch. ATWS required for parking and staging in conjunction with conventional bore under twin rail road and divided highway (460)
243.3	Roanoke	Virginia	MVP-ATWS-1305	S-Y9	50	Intersection of access road and right of way. Material storage and staging. Equipment parking.
243.3	Roanoke	Virginia	MVP-ATWS-1306	S-Y7	5	ATWS is at intersection of access road and right of way. ATWS required for installation of dual open cut stream crossings
243.3	Roanoke	Virginia	MVP-ATWS-1306	S-Y8	32	ATWS is at intersection of access road and right of way. ATWS required for installation of dual open cut stream crossings
247.4	Franklin	Virginia	MVP-ATWS-1317	S-D8	37	ATWS required for open cut stream crossing and conventional road bore. ATWS is within limits of an active agricultural field.
253.8	Franklin	Virginia	MVP-ATWS-1066	S-II7	24	ATWS required for parking and staging in conjunction with an open cut road crossing, as well as an open cut drain crossing.
256.7	Franklin	Virginia	MVP-ATWS-616	S-E28	38	ATWS will be required for material staging and staging space for pipe section used for stream crossing. ATWS limits are within an existing agricultural field.
258.9	Franklin	Virginia	MVP-ATWS-516	S-C12	50	ATWS required for staging and parking in conjunction with conventional bore road crossing.
259.4	Franklin	Virginia	MVP-ATWS-347	S-C14	37	ATWS required for parking and staging in conjunction with open cut stream crossing.
260.8	Franklin	Virginia	MVP-ATWS-698A	S-II2	31	ATWS to be used in conjunction with an open cut stream crossing. ATWS is within limits of an existing active agricultural field.
260.8	Franklin	Virginia	MVP-ATWS-571	S-II2	1	ATWS to be used in conjunction with an open cut stream crossing. ATWS is within limits of an existing active agricultural field.
260.8	Franklin	Virginia	MVP-ATWS-571	S-II3	42	ATWS to be used in conjunction with an open cut stream crossing. ATWS is within limits of an existing active agricultural field.

Table 2-A-3 ATWS located within 50 feet of waterbodies						
MP	County	State	ATWS	Waterbody	Offset (feet)	Reason
264.5	Franklin	Virginia	MVP-ATWS-1042	S-S8	50	ATWS is at intersection of an access road and right of way to be used in conjunction with an open cut stream crossing. ATWS required for staging and parking.
264.8	Franklin	Virginia	MVP-ATWS-714	S-S6	50	ATWS is at intersection of an access road and right of way to be used in conjunction with two drain crossings.
266.3	Franklin	Virginia	MVP-ATWS-524A	S-C20	22	ATWS is at intersection of an access road and right of way. ATWS is to be used in conjunction with open cut stream crossing.
266.6	Franklin	Virginia	MVP-ATWS-350	S-C19	50	ATWS will be utilized during an open cut stream crossing
266.6	Franklin	Virginia	MVP-ATWS-693	S-C19	50	ATWS will be utilized during an open cut stream crossing and installation of MLV setting
271.5	Franklin	Virginia	MVP-ATWS-1340	S-G20	50	ATWS will be utilized for an open cut stream crossing
273.2	Franklin	Virginia	MVP-ATWS-1043	S-E17	50	ATWS will be utilized for an open cut stream crossing and is at intersection of an access road and right of way.
273.2	Franklin	Virginia	MVP-ATWS-530	S-E17	40	ATWS is within limits of existing agricultural field. ATWS to be used in conjunction with open cut stream crossing.
274.6	Franklin	Virginia	MVP-ATWS-533	S-H40	33	ATWS to be used in conjunction with open cut stream crossing. ATWS will be required for material staging and parking.
274.6	Franklin	Virginia	MVP-ATWS-533	S-H38	50	ATWS to be used in conjunction with open cut stream crossing. ATWS will be required for material staging and parking.
277.7	Franklin	Virginia	MVP-ATWS-374	S-A13	35	ATWS will be used in conjunction with installation of open cut stream crossing. ATWS will be required for construction staging and/or parking.
279.3	Franklin	Virginia	MVP-ATWS-540	S-DD3	1	ATWS will be used for parking and staging in conjunction with open cut stream crossing. This ATWS is collocated with existing corridor.
281.9	Pittsylvania	Virginia	MVP-ATWS-487	S-D2	50	ATWS will be utilized for an open cut stream crossing.
286.4	Pittsylvania	Virginia	MVP-ATWS-388A	S-E11	40	ATWS is required for parking and staging in conjunction with an open cut stream crossing.
286.7	Pittsylvania	Virginia	MVP-ATWS-489A	S-H7	50	ATWS will be utilized for a conventional bore road crossing.
287.2	Pittsylvania	Virginia	MVP-ATWS-391	S-C5	50	ATWS will be utilized for a conventional bore road crossing. Material storage for bore receipt.
288.4	Pittsylvania	Virginia	MVP-ATWS-493	S-G7	45	ATWS is required for parking and staging in conjunction with an open cut stream crossing.
293.7	Pittsylvania	Virginia	MVP-ATWS-634	S-Q3	50	ATWS necessary for two open cut stream crossings.
293.8	Pittsylvania	Virginia	MVP-ATWS-635	S-Q3	12	ATWS is within limits of existing agricultural field to be used in conjunction of open cut stream crossing.
293.8	Pittsylvania	Virginia	MVP-ATWS-635	S-Q2	12	ATWS is within limits of existing agricultural field to be used in conjunction of open cut stream crossing.
293.8	Pittsylvania	Virginia	MVP-ATWS-821	S-Q2	35	ATWS is within limits of existing agricultural field to be used in conjunction of open cut stream crossing. ATWS is at intersection of access road and right of way
294.4	Pittsylvania	Virginia	MVP-ATWS-626	S-HH6	15	ATWS required for an open cut stream crossing.
294.5	Pittsylvania	Virginia	MVP-ATWS-628	S-B8	50	ATWS required for an open cut stream crossing.
294.6	Pittsylvania	Virginia	MVP-ATWS-630	S-B9	14	ATWS required for an open cut stream crossing.
294.6	Pittsylvania	Virginia	MVP-ATWS-629	S-B9	50	ATWS required for an open cut stream crossing.
297.3	Pittsylvania	Virginia	MVP-ATWS-1320	S-G2	32	ATWS required for parking and staging used in conjunction with an open cut stream crossing.



**Table 2-A-3****ATWS located within 50 feet of waterbodies**

<b>MP</b>	<b>County</b>	<b>State</b>	<b>ATWS</b>	<b>Waterbody</b>	<b>Offset (feet)</b>	<b>Reason</b>
298.7	Pittsylvania	Virginia	MVP-ATWS-611	S-H54 EXT1	45	ATWS required for parking and staging used in conjunction with an open cut stream crossing. ATWS limits are within an existing agricultural field.
299.1	Pittsylvania	Virginia	MVP-ATWS-401	S-GG12	30	ATWS is within limits of an active agricultural field to be used in conjunction with conventional bore of public road.

# **Mountain Valley Pipeline Project**

**Docket No. CP16-\_\_-000**

**Resource Report 2**

## **Appendix 2-B Wetland Crossing Tables**

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Wetzel	W-A1	0.7	PEM		<0.01	<0.01
West Virginia	Wetzel	W-A2	0.7	PEM	49	0.07	0.05
West Virginia	Wetzel	W-A4	1.5	PEM	11	0.02	0.01
West Virginia	Wetzel	NWI-152	2.0	R5UBH		0.03	0.00
West Virginia	Wetzel	W-A36	5.3	PEM		<0.01	0.00
West Virginia	Wetzel	W-A27	5.6	PEM/PFO		<0.01	0.00
West Virginia	Wetzel	W-A27	5.6	PEM/PFO	55	0.10	0.07
West Virginia	Wetzel	W-A35	6.5	PEM	2	0.01	<0.01
West Virginia	Wetzel	W-A28	6.6	PEM		0.26	0.00
West Virginia	Wetzel	W-A29	6.6	NR		0.01	0.00
West Virginia	Wetzel	W-A30	6.6	PEM		0.15	0.00
West Virginia	Wetzel	W-A31	6.6	PEM		0.03	0.00
West Virginia	Wetzel	W-A34	6.6	PEM	64	0.08	0.06
West Virginia	Wetzel	W-A32	6.7	PEM		<0.01	0.00
West Virginia	Wetzel	W-A32	6.7	PEM		0.07	0.00
West Virginia	Wetzel	W-A33	7.2	PEM		0.03	0.00
West Virginia	Wetzel	W-A26	7.7	PEM		0.21	0.00
West Virginia	Wetzel	W-A26	7.7	PEM		0.22	0.14
West Virginia	Wetzel	W-J33	8.8	PEM		0.02	<0.01
West Virginia	Harrison	W-A6	11.4	PEM		<0.01	0.00
West Virginia	Harrison	W-B55	12.2	PEM	11	0.02	0.01
West Virginia	Harrison	W-J32	15.7	PEM		0.04	0.02
West Virginia	Harrison	W-F58	17.8	PEM		<0.01	0.00
West Virginia	Harrison	W-A10	17.9	PEM	7	0.03	0.02
West Virginia	Harrison	W-F67A	17.9	PEM		<0.01	<0.01
West Virginia	Harrison	W-B1	18.7	PEM	8	0.01	0.01
West Virginia	Harrison	NWI-154	18.8	PEM1E		0.08	0.00
West Virginia	Harrison	W-A39	18.8	PEM		0.03	0.00
West Virginia	Harrison	W-A40	18.8	PEM		0.09	0.00
West Virginia	Harrison	W-A40	18.8	PEM	78	0.22	0.07
West Virginia	Harrison	W-A37	18.9	PEM		<0.01	0.00
West Virginia	Harrison	W-A11	21.7	PEM		0.01	<0.01
West Virginia	Harrison	W-F62	22.4	PEM		0.11	0.07
West Virginia	Harrison	W-F63	22.4	NR		0.02	0.01
West Virginia	Harrison	W-F61	22.6	PEM		<0.01	0.00
West Virginia	Harrison	W-F59	22.7	PEM		<0.01	0.00
West Virginia	Harrison	W-F60	22.7	PEM		<0.01	0.00
West Virginia	Harrison	W-F4	23.1	PEM		0.03	0.02
West Virginia	Harrison	W-F67B	23.1	PEM		<0.01	0.00
West Virginia	Harrison	W-B56	25.1	PEM		0.09	0.00
West Virginia	Harrison	W-F52	30.9	PEM		0.06	0.00
West Virginia	Harrison	W-F53	30.9	PEM		0.04	<0.01
West Virginia	Harrison	W-F54	30.9	PEM		0.01	0.01
West Virginia	Harrison	W-F55	30.9	PEM		0.01	0.00
West Virginia	Harrison	W-F55	30.9	PEM	31	0.05	0.03
West Virginia	Harrison	W-K43	31.4	PEM	126	0.21	0.15
West Virginia	Harrison	W-K44	31.4	PEM	30	0.07	0.05
West Virginia	Doddridge	W-K52	31.9	PEM		0.01	0.01
West Virginia	Doddridge	W-K45	32.6	PEM	16	0.04	0.02
West Virginia	Harrison	W-K48	32.8	PEM		0.01	<0.01
West Virginia	Harrison	W-K49	32.8	PEM	9	0.01	0.01
West Virginia	Harrison	W-K51	32.9	PEM	49	0.03	0.03
West Virginia	Doddridge	W-K40	34.4	PEM	20	0.01	0.01
West Virginia	Doddridge	W-K41	34.4	PEM	16	0.02	0.02

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Doddridge	W-A23	35.0	PEM		0.18	0.00
West Virginia	Doddridge	W-A23	35.0	PEM	104	0.37	0.12
West Virginia	Harrison	W-A22	37.6	PEM		0.02	0.00
West Virginia	Harrison	W-A24	37.9	PEM		0.01	0.00
West Virginia	Lewis	W-J40	38.2	PEM		0.15	0.00
West Virginia	Lewis	W-J40	38.2	PEM	152	0.29	0.18
West Virginia	Lewis	W-I26	41.4	PEM		<0.01	0.00
West Virginia	Lewis	W-I28	41.9	PEM		<0.01	0.00
West Virginia	Lewis	W-I27	42.0	PEM		0.04	0.00
West Virginia	Lewis	W-J17	43.1	PEM		<0.01	0.00
West Virginia	Lewis	W-J17	43.1	PEM		<0.01	<0.01
West Virginia	Lewis	W-J18	43.1	PEM		0.02	0.01
West Virginia	Lewis	W-J19	43.1	PEM		0.01	0.01
West Virginia	Lewis	W-J20	43.2	PEM		0.01	0.01
West Virginia	Lewis	W-J21	43.3	PEM		0.01	<0.01
West Virginia	Lewis	W-J23	43.3	PEM	9	0.01	0.01
West Virginia	Lewis	W-B57	43.4	PEM		0.01	0.00
West Virginia	Lewis	W-B57	43.4	PEM		0.02	0.00
West Virginia	Lewis	W-J14	43.4	PEM		0.03	0.02
West Virginia	Lewis	W-J16	43.4	PEM		0.01	<0.01
West Virginia	Lewis	W-K33-PEM	44.8	PEM		0.15	0.00
West Virginia	Lewis	W-K33-PEM	44.8	PEM	37	0.91	0.04
West Virginia	Lewis	W-K33-PSS	44.8	PSS		<0.01	0.00
West Virginia	Lewis	W-K34	44.9	PSS	20	0.03	0.02
West Virginia	Lewis	W-K39	45.0	PEM		<0.01	<0.01
West Virginia	Lewis	W-K29	45.9	PEM		0.02	0.00
West Virginia	Lewis	W-K30	45.9	PEM		0.01	0.00
West Virginia	Lewis	W-K31	45.9	PEM		<0.01	0.00
West Virginia	Lewis	W-K31	45.9	PEM	77	0.11	0.08
West Virginia	Lewis	W-B46	46.0	PEM		<0.01	0.00
West Virginia	Lewis	W-B46	46.0	PEM		0.01	0.00
West Virginia	Lewis	W-B46	46.0	PEM	67	0.12	0.08
West Virginia	Lewis	W-B47	46.0	PEM		0.06	0.00
West Virginia	Lewis	W-B47	46.0	PEM	83	0.15	0.10
West Virginia	Lewis	W-B48	46.0	PEM		0.01	0.00
West Virginia	Lewis	W-B49	46.0	PEM		<0.01	0.00
West Virginia	Lewis	W-B51	46.1	PEM	4	0.01	<0.01
West Virginia	Lewis	W-B52	46.1	PEM		0.01	0.00
West Virginia	Lewis	W-B54	46.4	PEM	11	0.01	0.01
West Virginia	Lewis	W-H112	47.0	PEM	86	0.02	0.02
West Virginia	Lewis	W-H111	47.1	PEM	91	<0.01	0.18
West Virginia	Lewis	W-H110	47.3	PEM		0.26	0.00
West Virginia	Lewis	W-H109	48.0	PEM		<0.01	<0.01
West Virginia	Lewis	W-I22	48.0	PSS		<0.01	<0.01
West Virginia	Lewis	W-I22	48.0	PSS		0.01	0.00
West Virginia	Lewis	W-I22	48.1	PSS	26	0.04	0.03
West Virginia	Lewis	W-L42	51.7	PEM		<0.01	0.00
West Virginia	Lewis	W-K28	51.8	PEM		<0.01	0.00
West Virginia	Lewis	W-K28	51.8	PEM		0.02	0.00
West Virginia	Lewis	W-L41	52.1	PEM		0.02	0.00
West Virginia	Lewis	W-K27	52.8	PEM		0.03	0.00
West Virginia	Lewis	W-L39	54.1	PEM		0.01	0.00
West Virginia	Lewis	W-I15	55.3	PEM		0.01	0.01
West Virginia	Lewis	W-I15	55.3	PEM	33	0.05	0.04

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Lewis	W-I16	55.6	PEM	41	0.03	0.02
West Virginia	Lewis	W-I21	55.6	PEM		0.06	0.03
West Virginia	Lewis	W-I17	55.8	PEM		<0.01	<0.01
West Virginia	Lewis	W-I20	55.8	PEM		0.01	<0.01
West Virginia	Lewis	W-H103	58.6	PEM	7	0.01	0.01
West Virginia	Lewis	W-H105	58.7	PEM		0.01	0.00
West Virginia	Lewis	W-H106	58.7	PEM		0.07	0.00
West Virginia	Lewis	W-H107	58.7	PEM		0.03	0.01
West Virginia	Lewis	W-L37	59.0	PEM		<0.01	0.00
West Virginia	Lewis	W-L37	59.0	PEM		0.01	<0.01
West Virginia	Lewis	W-H98	59.3	PEM		0.04	0.03
West Virginia	Lewis	W-H97	59.8	PEM		<0.01	0.00
West Virginia	Lewis	W-H108	60.0	PEM	12	0.03	0.02
West Virginia	Lewis	W-L36	60.1	PEM		<0.01	0.00
West Virginia	Lewis	W-L36	60.1	PEM		0.04	0.00
West Virginia	Lewis	W-H95	60.4	PEM	53	0.09	0.06
West Virginia	Lewis	W-H96	60.4	PEM		0.01	<0.01
West Virginia	Braxton	W-L33	68.5	PEM		0.02	0.00
West Virginia	Braxton	W-J10	72.3	PEM		0.01	<0.01
West Virginia	Braxton	W-J9	72.3	PEM		<0.01	0.00
West Virginia	Braxton	W-J9	72.3	PEM		0.01	0.00
West Virginia	Braxton	W-I12	72.5	PEM		<0.01	0.00
West Virginia	Braxton	W-K25	72.8	PEM	6	0.05	0.03
West Virginia	Braxton	W-K26	72.8	PEM		0.01	0.00
West Virginia	Braxton	W-K24	73.6	PSS		0.01	<0.01
West Virginia	Braxton	W-H90	74.2	PEM	30	0.04	0.03
West Virginia	Braxton	W-H92	74.8	PEM		0.01	0.00
West Virginia	Braxton	W-H92	74.8	PEM		0.01	0.00
West Virginia	Braxton	W-H93	74.8	PEM		<0.01	0.00
West Virginia	Braxton	W-H93	74.8	PEM		0.01	0.00
West Virginia	Braxton	W-H94	75.0	PEM		<0.01	0.00
West Virginia	Braxton	W-L32	75.1	PEM		<0.01	0.00
West Virginia	Braxton	W-H89	77.0	PEM		0.01	<0.01
West Virginia	Braxton	W-AA3	77.5	PEM		0.01	<0.01
West Virginia	Braxton	W-AA4	77.5	PEM		0.01	0.00
West Virginia	Braxton	W-I11	78.9	PEM		0.01	0.01
West Virginia	Webster	W-R2	82.4	PEM		0.06	0.00
West Virginia	Webster	W-R3	82.4	PEM		0.02	0.00
West Virginia	Webster	W-F45	82.6	PEM		<0.01	0.00
West Virginia	Webster	W-F46	82.6	PEM		<0.01	<0.01
West Virginia	Webster	W-R4	82.6	PEM		0.04	0.00
West Virginia	Webster	W-B44	85.5	PEM		0.01	<0.01
West Virginia	Webster	W-B42	86.5	PEM		0.02	0.01
West Virginia	Webster	W-B43	86.5	PEM		<0.01	0.00
West Virginia	Webster	W-H75	88.1	PEM	5	0.01	0.01
West Virginia	Webster	W-H79	88.5	PEM	9	0.01	0.01
West Virginia	Webster	W-T2	88.5	PEM		<0.01	0.00
West Virginia	Webster	W-H81	88.7	PEM		0.03	0.01
West Virginia	Webster	W-H82	88.8	PEM		0.01	0.01
West Virginia	Webster	W-H86	89.3	PEM		<0.01	<0.01
West Virginia	Webster	W-H83	89.4	PEM		0.02	0.00
West Virginia	Webster	W-H85	89.7	PEM		0.01	<0.01
West Virginia	Webster	W-T4	90.1	PEM		0.07	0.00
West Virginia	Webster	W-T3	90.2	PEM		<0.01	0.00

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Webster	W-T5	90.2	PEM		0.02	0.00
West Virginia	Webster	W-T6	90.7	PEM		0.05	0.00
West Virginia	Webster	W-T7	90.7	PEM		0.02	0.00
West Virginia	Webster	W-A20-PEM	91.6	PEM		0.01	0.00
West Virginia	Webster	W-A20-PFO	91.7	PFO	46	0.07	0.05
West Virginia	Webster	W-H68	91.9	PEM		<0.01	0.00
West Virginia	Webster	W-H69	91.9	PEM		0.01	0.00
West Virginia	Webster	W-H70	92.5	PEM		0.01	0.00
West Virginia	Webster	W-H71	92.5	PEM		0.03	0.00
West Virginia	Webster	W-H72	92.7	PEM		0.01	0.00
West Virginia	Webster	W-H73	92.7	PEM		0.01	0.00
West Virginia	Webster	W-H74	92.7	PEM		0.01	0.00
West Virginia	Webster	W-H66	93.1	PFO		0.01	<0.01
West Virginia	Webster	W-H66	93.1	PFO	187	0.25	0.18
West Virginia	Webster	W-H67	93.1	PFO		<0.01	<0.01
West Virginia	Webster	W-H67	93.1	PFO	66	0.09	0.07
West Virginia	Webster	W-H64-PEM1	93.2	PEM		0.03	0.01
West Virginia	Webster	W-H64-PEM2	93.2	PEM	30	0.03	0.02
West Virginia	Webster	W-H64-PSS	93.2	PSS	22	0.04	0.03
West Virginia	Webster	W-H56	93.4	PEM		0.02	0.01
West Virginia	Webster	W-O14	93.9	PEM		<0.01	0.00
West Virginia	Webster	W-O15	93.9	PEM		0.02	0.01
West Virginia	Webster	W-O13	94.1	PEM		0.07	0.04
West Virginia	Webster	W-O9	94.5	PEM		0.02	<0.01
West Virginia	Webster	W-O6	94.6	PEM		0.01	0.00
West Virginia	Webster	W-O7	94.6	PEM		0.01	0.00
West Virginia	Webster	W-O8	94.6	PEM		0.01	0.00
West Virginia	Webster	W-H58	95.1	PEM		0.03	0.01
West Virginia	Webster	W-H59-PEM	95.3	PEM		0.01	0.00
West Virginia	Webster	W-O1	95.4	PEM		0.01	<0.01
West Virginia	Webster	W-O2	95.4	PEM		<0.01	0.00
West Virginia	Webster	W-H60	95.5	PEM	65	0.09	0.07
West Virginia	Webster	W-H61	95.6	PEM	45	0.01	0.01
West Virginia	Webster	W-H62	95.6	PEM		0.03	<0.01
West Virginia	Webster	W-B39	96.6	PEM	44	0.09	0.06
West Virginia	Webster	W-B31	97.7	PEM	14	0.03	0.02
West Virginia	Webster	W-B38	97.7	NR		0.05	0.00
West Virginia	Webster	W-B35	97.8	PSS	6	0.01	0.01
West Virginia	Webster	W-A18	98.8	PEM		0.20	0.00
West Virginia	Webster	W-E25	101.8	PEM		0.05	0.04
West Virginia	Webster	W-E27	101.9	PEM		0.05	0.05
West Virginia	Webster	W-E28	102.4	PSS		0.02	0.01
West Virginia	Webster	W-E29	102.4	PEM		<0.01	<0.01
West Virginia	Webster	W-E30	102.4	PEM		<0.01	0.00
West Virginia	Webster	W-E31	102.5	PEM		0.03	0.02
West Virginia	Webster	W-F18	103.2	PEM		<0.01	0.00
West Virginia	Webster	W-F19	103.2	PEM		0.02	0.00
West Virginia	Webster	W-F20	103.2	PEM		0.02	0.00
West Virginia	Webster	W-F21	103.2	PEM		0.01	0.00
West Virginia	Webster	W-F22	103.2	PEM		<0.01	0.00
West Virginia	Webster	W-F23	103.3	PEM		<0.01	0.00
West Virginia	Webster	W-F24	103.3	PEM		<0.01	0.00
West Virginia	Webster	W-F25	103.3	PEM		<0.01	0.00
West Virginia	Webster	W-F26	103.7	PEM		<0.01	<0.01

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Webster	W-F28	104.1	PEM		<0.01	<0.01
West Virginia	Webster	W-F29	104.1	PEM		0.01	<0.01
West Virginia	Webster	W-F40	104.2	PEM		0.02	0.00
West Virginia	Webster	W-F36	104.5	PEM		0.01	0.00
West Virginia	Webster	W-F37	104.5	PEM		<0.01	0.00
West Virginia	Webster	W-F38	104.5	PSS		0.01	0.00
West Virginia	Webster	W-F32	104.6	PEM		0.01	0.00
West Virginia	Webster	W-F33	104.6	PEM		0.02	0.00
West Virginia	Webster	W-F31	104.7	PEM		0.01	0.00
West Virginia	Webster	W-F41	104.7	PEM		0.01	0.00
West Virginia	Webster	W-F42	104.7	PEM		0.02	0.00
West Virginia	Webster	W-B30	106.2	PEM	18	0.05	0.03
West Virginia	Webster	W-B28	106.8	PEM	56	0.10	0.06
West Virginia	Webster	W-E21	109.2	PEM	22	0.04	0.03
West Virginia	Webster	W-E18	109.5	PEM		0.02	0.01
West Virginia	Webster	W-E18	109.5	PSS	44	0.05	0.04
West Virginia	Nicholas	W-E16	109.7	PEM	13	0.01	0.01
West Virginia	Nicholas	W-E13	109.8	PFO		<0.01	0.00
West Virginia	Nicholas	W-F13	110.9	PEM		0.04	0.02
West Virginia	Nicholas	W-F12	111.0	PEM	57	0.11	0.07
West Virginia	Nicholas	W-F15	111.0	PEM		<0.01	0.00
West Virginia	Nicholas	W-F11	111.1	PEM	91	0.15	0.10
West Virginia	Nicholas	W-K20	111.1	PEM		0.01	<0.01
West Virginia	Nicholas	W-K23	111.1	PEM	32	0.05	0.03
West Virginia	Nicholas	W-C22	112.4	PEM		0.01	<0.01
West Virginia	Nicholas	W-E35	112.6	PEM		<0.01	0.00
West Virginia	Nicholas	W-E36	112.6	PEM		<0.01	0.00
West Virginia	Nicholas	W-E37	112.6	PEM		<0.01	0.00
West Virginia	Nicholas	W-E37	112.6	PEM		0.01	0.00
West Virginia	Nicholas	W-E37	112.6	PEM		0.03	0.00
West Virginia	Nicholas	W-E32	112.7	PEM		<0.01	0.00
West Virginia	Nicholas	W-E32	112.7	PEM		0.04	0.00
West Virginia	Nicholas	W-E33	112.7	PEM		<0.01	0.00
West Virginia	Nicholas	W-E34	112.7	PEM		0.01	0.00
West Virginia	Nicholas	W-C20	112.8	PEM		0.09	0.00
West Virginia	Nicholas	W-B27	113.0	PEM		0.05	0.04
West Virginia	Nicholas	W-FF6-PEM	113.2	PEM	105	0.18	0.12
West Virginia	Nicholas	W-FF6-PSS	113.2	PSS	55	0.10	0.06
West Virginia	Nicholas	W-FF2	113.6	PEM		0.03	0.00
West Virginia	Nicholas	W-FF3	113.9	PEM	13	0.04	0.02
West Virginia	Nicholas	W-FF4	114.2	PEM		<0.01	<0.01
West Virginia	Nicholas	W-A17	114.3	PEM	55	0.08	0.05
West Virginia	Nicholas	W-A15	114.6	PSS	67	0.09	0.06
West Virginia	Nicholas	W-A14	114.8	PFO	56	0.10	0.07
West Virginia	Nicholas	W-H52	115.5	PEM	33	0.06	0.04
West Virginia	Nicholas	W-H50	115.7	PEM		0.01	0.00
West Virginia	Nicholas	W-N25	116.3	PEM		0.01	<0.01
West Virginia	Nicholas	W-N24	116.6	PEM		<0.01	0.00
West Virginia	Nicholas	W-N22	116.7	PEM		<0.01	0.00
West Virginia	Nicholas	W-17	117.0	PFO	15	0.04	0.02
West Virginia	Nicholas	W-K13	118.5	PEM		0.69	0.00
West Virginia	Nicholas	W-K16	118.5	PEM		0.50	0.00
West Virginia	Nicholas	W-J8	119.4	PFO	56	0.05	0.04
West Virginia	Nicholas	W-R5	120.4	PEM		<0.01	<0.01

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Nicholas	W-R6	120.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-R6	120.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-R7	120.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-R8	120.5	PEM		0.01	<0.01
West Virginia	Nicholas	W-X1	120.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-X5	120.5	PFO		<0.01	0.00
West Virginia	Nicholas	W-X6	120.5	PFO		<0.01	0.00
West Virginia	Nicholas	W-X7	120.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-X2	120.6	PEM		0.02	0.00
West Virginia	Nicholas	W-X3	120.6	PEM		0.01	0.00
West Virginia	Nicholas	W-X4	120.9	PEM		0.01	0.00
West Virginia	Nicholas	W-U6	121.1	PSS		0.01	0.00
West Virginia	Nicholas	W-X9	121.1	PSS		0.03	<0.01
West Virginia	Nicholas	W-U3	121.7	PEM		0.01	0.00
West Virginia	Nicholas	W-J7	122.0	PFO	39	0.07	0.05
West Virginia	Nicholas	W-W3	122.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-W4	122.5	PEM		0.01	0.00
West Virginia	Nicholas	W-W4	122.5	PEM		0.02	0.00
West Virginia	Nicholas	W-W5	122.5	PEM		0.01	0.00
West Virginia	Nicholas	W-W7	122.5	PEM		0.02	0.00
West Virginia	Nicholas	W-N18	122.8	PEM		0.01	0.01
West Virginia	Nicholas	W-W1	122.8	PEM		0.01	0.00
West Virginia	Nicholas	W-L30	124.1	PEM		0.01	<0.01
West Virginia	Nicholas	W-L31	124.3	PEM		<0.01	0.00
West Virginia	Nicholas	W-L28	124.4	PEM		0.01	<0.01
West Virginia	Nicholas	W-L27	124.5	PEM		<0.01	0.00
West Virginia	Nicholas	W-M31	126.2	PEM		<0.01	0.00
West Virginia	Nicholas	W-I11	126.5	PEM	24	0.06	0.04
West Virginia	Nicholas	W-U7	126.6	PEM		0.07	0.00
West Virginia	Nicholas	W-15	126.8	PEM	14	0.01	0.01
West Virginia	Nicholas	W-X10	127.2	PEM/PFO		<0.01	0.00
West Virginia	Nicholas	W-N16	128.5	NR	37	0.03	0.03
West Virginia	Nicholas	W-H46	130.1	PEM		0.01	0.00
West Virginia	Nicholas	W-H48	130.1	PEM		0.01	0.00
West Virginia	Nicholas	W-H49	130.1	PEM		<0.01	0.00
West Virginia	Nicholas	W-H38	130.9	PEM		<0.01	0.00
West Virginia	Nicholas	W-H41	130.9	PEM		0.02	0.01
West Virginia	Nicholas	W-H34	131.2	PEM	36	0.05	0.04
West Virginia	Nicholas	W-H35	131.2	PEM	28	0.02	0.02
West Virginia	Nicholas	W-H31	131.8	PEM	24	0.01	0.01
West Virginia	Nicholas	W-V4	132.0	PSS		<0.01	0.00
West Virginia	Greenbrier	W-M15	135.9	PEM		<0.01	<0.01
West Virginia	Greenbrier	W-M16	135.9	PEM		<0.01	<0.01
West Virginia	Greenbrier	W-M17	135.9	PEM		<0.01	<0.01
West Virginia	Greenbrier	W-M18	136.4	PEM	35	0.04	0.04
West Virginia	Greenbrier	W-M20	136.5	PEM		<0.01	<0.01
West Virginia	Greenbrier	W-M22	136.5	PSS		<0.01	<0.01
West Virginia	Greenbrier	W-M23	136.5	PEM	54	0.06	0.05
West Virginia	Greenbrier	W-J6b	137.4	PSS/PFO	28	0.07	0.05
West Virginia	Greenbrier	NWI-151	138.5	PUBHx		0.07	0.00
West Virginia	Greenbrier	W-J9	138.9	PEM		0.03	0.00
West Virginia	Greenbrier	W-J5	139.7	PSS		0.01	<0.01
West Virginia	Greenbrier	W-M4	142.8	PEM		<0.01	0.00
West Virginia	Greenbrier	W-V6	143.0	PEM		0.13	0.00



**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Greenbrier	W-M5	143.3	PEM		0.01	0.00
West Virginia	Greenbrier	W-M6	143.3	PEM		0.02	0.00
West Virginia	Greenbrier	W-I3	143.7	PEM	5	0.04	0.03
West Virginia	Greenbrier	W-W14	143.7	PEM		0.05	0.00
West Virginia	Greenbrier	W-W15	143.7	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L16	143.8	PEM	8	0.02	0.01
West Virginia	Greenbrier	W-EE9	143.9	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L20	145.8	PEM		0.02	0.00
West Virginia	Greenbrier	W-L21	145.8	PEM		0.03	0.00
West Virginia	Greenbrier	W-L12	146.7	PEM		0.01	<0.01
West Virginia	Greenbrier	W-L13	146.7	PEM	6	0.03	0.02
West Virginia	Greenbrier	W-L19	146.7	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L19	146.7	PEM	61	0.11	0.07
West Virginia	Greenbrier	W-L11	147.0	PEM		0.02	0.01
West Virginia	Greenbrier	W-L2	147.9	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L3	147.9	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L3	147.9	PEM		0.01	0.00
West Virginia	Greenbrier	W-L4	147.9	PEM		0.07	0.02
West Virginia	Greenbrier	W-L8	147.9	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L2	148.0	PEM	32	0.03	0.03
West Virginia	Greenbrier	W-L5	148.0	PEM		<0.01	0.00
West Virginia	Greenbrier	W-L7	148.2	PEM		<0.01	<0.01
West Virginia	Greenbrier	W-L6	148.3	PEM		0.04	0.02
West Virginia	Greenbrier	W-L9	148.4	PEM		0.04	0.04
West Virginia	Greenbrier	W-W10	150.2	PEM		0.05	0.04
West Virginia	Greenbrier	W-W11	150.2	PEM		0.01	<0.01
West Virginia	Greenbrier	W-W9	150.3	PEM		0.01	0.00
West Virginia	Greenbrier	W-W9	150.3	PEM		0.01	0.01
West Virginia	Greenbrier	W-FF1	150.5	PEM	31	0.03	0.03
West Virginia	Greenbrier	W-W13	150.6	PEM		<0.01	0.00
West Virginia	Greenbrier	W-U8	152.6	PEM		<0.01	0.00
West Virginia	Fayette	W-EE6	154.2	PEM		<0.01	0.00
West Virginia	Greenbrier	NWI-150	154.5	PEM1Ad		1.96	0.00
West Virginia	Greenbrier	W-K7	154.5	PEM	152	0.29	0.19
West Virginia	Greenbrier	W-K9	154.6	PEM	475	0.78	0.53
West Virginia	Greenbrier	W-K10	154.9	PEM		0.01	<0.01
West Virginia	Greenbrier	W-K12	155.0	PEM		<0.01	<0.01
West Virginia	Greenbrier	NWI-153	155.5	PEM1A		<0.01	0.00
West Virginia	Greenbrier	NWI-149	156.0	PEM1Ad		<0.01	0.00
West Virginia	Summers	W-EE4	158.5	PEM	20	0.05	0.04
West Virginia	Summers	W-M2	159.0	PEM	22	0.04	0.02
West Virginia	Summers	W-I10	161.4	PEM		0.07	0.06
West Virginia	Summers	W-W16	161.9	PEM		<0.01	0.00
West Virginia	Summers	W-N4	169.4	PFO	72	0.10	0.07
West Virginia	Summers	W-N3	169.6	PEM	72	0.12	0.07
West Virginia	Summers	NWI-134	170.5	PFO1A			0.32
West Virginia	Summers	NWI-156	170.5	PFO1A		0.50	0.00
West Virginia	Summers	NWI-157	170.5	PFO1A		0.04	0.00
West Virginia	Summers	NWI-6	170.5	PFO1A	293		0.00
West Virginia	Summers	W-K2-PEM	171.7	PEM	12	0.01	0.01
West Virginia	Summers	W-G7	173.3	PEM	15	0.02	0.02
West Virginia	Monroe	W-Q5	176.1	PEM		<0.01	<0.01
West Virginia	Monroe	W-A13	181.5	PEM		0.04	0.00
West Virginia	Monroe	W-A13	181.5	PEM	151	0.29	0.18

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

<b>State</b>	<b>County</b>	<b>Wetland ID b/</b>	<b>MP</b>	<b>Wetland Type c/</b>	<b>Length of Crossing (Feet) d/</b>	<b>Construction Impacts (acres) e/</b>	<b>Operational Impacts (acres) e/</b>
West Virginia	Monroe	NWI-155	183.1	PUBHh		0.03	0.00
West Virginia	Monroe	W-G6	189.1	PEM	18	0.03	0.02
West Virginia	Monroe	W-G6	189.1	PEM	78	0.09	0.07
West Virginia	Monroe	W-EE3	190.7	PEM		<0.01	0.00
West Virginia	Monroe	W-E12	191.1	PEM		<0.01	<0.01
West Virginia	Monroe	W-C13	193.6	PEM	136	0.22	0.15
West Virginia	Monroe	W-C14	193.6	PEM		0.01	<0.01
West Virginia	Monroe	W-C17	193.7	PEM		0.03	0.02
Virginia	Giles	W-Z11	202.1	PEM	21	0.03	0.02
Virginia	Giles	W-Z3	203.3	PSS/PFO	3	0.03	0.02
Virginia	Giles	W-Z5	203.5	PEM		<0.01	0.00
Virginia	Montgomery	NWI-131	225.6	PEM1C			0.04
Virginia	Montgomery	NWI-145	225.6	PEM1C		0.13	0.00
Virginia	Montgomery	NWI-4	225.6	PEM1C	39		0.00
Virginia	Montgomery	W-C10	227.9	PEM		0.05	0.04
Virginia	Montgomery	W-C11	227.9	PSS		0.01	<0.01
Virginia	Montgomery	W-C12	227.9	PFO		0.04	0.02
Virginia	Montgomery	W-C6	228.2	PEM	30	0.03	0.02
Virginia	Montgomery	W-C5	228.3	PEM	26	0.02	0.02
Virginia	Montgomery	NWI-139	232.6	PUBFx		0.24	0.00
Virginia	Montgomery	NWI-129	233.8	R3UBH			0.10
Virginia	Montgomery	NWI-141	233.8	R3USA		<0.01	0.00
Virginia	Montgomery	NWI-143	233.8	R3UBH		0.15	0.00
Virginia	Montgomery	NWI-3	233.8	R3UBH	87		0.00
Virginia	Roanoke	NWI-138	241.4	PEM1B		<0.01	0.00
Virginia	Roanoke	NWI-133	241.7	PSS1C			0.12
Virginia	Roanoke	NWI-148	241.7	PSS1C		0.17	0.00
Virginia	Roanoke	NWI-5	241.7	PSS1C	102		0.00
Virginia	Roanoke	NWI-136	242.9	PSS/EM1C		0.06	0.00
Virginia	Roanoke	W-Y2	243.3	PEM	22	0.03	0.02
Virginia	Roanoke	W-Z8	243.3	PFO			<0.01
Virginia	Roanoke	W-Z9	243.3	PFO			<0.01
Virginia	Roanoke	NWI-135	243.7	PUBHh		0.01	0.00
Virginia	Roanoke	NWI-146	243.7	PFO/SS1A		0.06	0.00
Virginia	Roanoke	W-B25-PEM	243.8	PEM	101	0.16	0.12
Virginia	Roanoke	W-B24-PEM	243.9	PEM	60	0.09	0.07
Virginia	Roanoke	W-B25-PSS2	243.9	PSS	223	0.38	0.25
Virginia	Roanoke	W-B24-PSS	244.0	PSS	92	0.16	0.10
Virginia	Franklin	W-G1	244.5	PEM	33	0.06	0.04
Virginia	Franklin	W-D7	246.8	PEM		0.02	<0.01
Virginia	Franklin	W-D5	247.2	PFO		0.02	0.01
Virginia	Franklin	NWI-128	254.0	PSS1C			0.28
Virginia	Franklin	NWI-142	254.0	PSS1C		0.56	0.00
Virginia	Franklin	NWI-2	254.0	PSS1C	246		0.00
Virginia	Franklin	W-E10	256.7	PEM		0.01	0.00
Virginia	Franklin	W-E7	256.7	PEM	8	0.02	0.02
Virginia	Franklin	W-E8	256.9	PEM	65	0.07	0.06
Virginia	Franklin	NWI-1	260.1	PEM1A	103		0.00
Virginia	Franklin	NWI-127	260.1	PEM1A			0.14
Virginia	Franklin	NWI-140	260.1	PFO1A		0.01	0.00
Virginia	Franklin	NWI-137	260.3	PEM1A		0.81	0.00
Virginia	Franklin	NWI-132	260.6	PUBHx			0.02
Virginia	Franklin	NWI-147	260.6	PUBHx		0.02	0.00
Virginia	Franklin	NWI-130	264.6	PEM1/SS1C			0.03

**Table 2-B-1  
Wetlands Crossed by the MVP Project a/**

State	County	Wetland ID b/	MP	Wetland Type c/	Length of Crossing (Feet) d/	Construction Impacts (acres) e/	Operational Impacts (acres) e/
Virginia	Franklin	NWI-144	264.6	PEM1/SS1C		0.03	0.00
Virginia	Franklin	W-A12-PFO	269.6	PFO		<0.01	<0.01
Virginia	Franklin	W-DD1	269.6	PEM	24	0.05	0.03
Virginia	Franklin	W-H17	274.6	PFO	80	0.15	0.10
Virginia	Franklin	W-H16	275.0	PEM		0.03	0.02
Virginia	Franklin	W-H15	275.1	PSS		0.01	<0.01
Virginia	Franklin	W-H14	275.2	PEM		0.01	<0.01
Virginia	Franklin	W-H11	275.7	PEM	40	0.05	0.04
Virginia	Franklin	W-A8	275.8	PEM		0.02	0.01
Virginia	Franklin	W-H9	277.1	PEM	4	0.01	0.01
Virginia	Franklin	W-H6	278.3	PEM		0.01	<0.01
Virginia	Pittsylvania	W-D3	282.0	PFO	2	0.04	0.02
Virginia	Pittsylvania	W-B5	282.9	PEM		<0.01	<0.01
Virginia	Pittsylvania	W-B4-PSS	283.1	PSS		<0.01	<0.01
Virginia	Pittsylvania	W-A4	286.4	PEM		0.01	<0.01
Virginia	Pittsylvania	W-C1	287.1	PEM		0.02	0.01
Virginia	Pittsylvania	W-H5	287.7	PEM	121	0.21	0.14
Virginia	Pittsylvania	W-B3	289.2	PEM		<0.01	0.00
Virginia	Pittsylvania	W-CC2-PFO	290.7	PFO		<0.01	0.00
Virginia	Pittsylvania	W-CC2-PEM	290.8	PEM		0.01	<0.01
Virginia	Pittsylvania	W-Q2	293.7	PFO		0.16	0.00
Virginia	Pittsylvania	W-Q2	293.7	PFO	260	0.61	0.30
Virginia	Pittsylvania	W-Q1	293.8	PEM	4	0.01	0.01
Virginia	Pittsylvania	W-G2	297.3	PEM	72	0.13	0.08
Virginia	Pittsylvania	W-H26	298.0	PFO	18	0.02	0.01
Virginia	Pittsylvania	W-H1	299.2	PEM		0.01	0.01
Virginia	Pittsylvania	W-H2	299.3	PEM	560	0.80	0.57
Virginia	Pittsylvania	W-H3	299.3	PEM	28	0.05	0.03
Virginia	Pittsylvania	W-H19	300.6	PFO	28	0.04	0.04
Virginia	Pittsylvania	W-H18-PEM	300.7	PEM		0.11	0.04
Virginia	Pittsylvania	W-H18-PFO	300.7	PFO	134	0.17	0.12
<b>Total</b>						<b>23.86</b>	<b>9.29</b>

Notes:

a/ Based on US Fish and Wildlife Service, National Wetland Inventory (NWI) data, and wetland field delineations completed through July 31, 2015 where access has been obtained.

b/ Wetland IDs starting with NWI are from USFWS NWI 2009, Wetland IDs starting with W are field surveyed wetlands.

c/ wetland classification

PEM - Palustrine Emergent

PSS - Palustrine Scrub/Shrub

PFO - Palustrine Forested

d/ Length of crossing provided where pipeline centerline crosses the feature. If no length of crossing is provided, the wetland is not crossed by the centerline, but is within construction work space or operational right-of-way.

Crossing method for each wetland will be according to the FERC *Wetland and Waterbody Construction and Mitigation Procedures*, May 2013 version.

Table 2-B-2						
ATWS located with in 50 feet of wetlands						
MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
0.7	Wetzel	West Virginia	MVP-ATWS-003A	W-A3	5	The Limits are in an agricultural field where heavy equipment actively operates, and is downstream of wetland. ATWS is required for open cut stream crossing, conventional road bore, and multiple open cut road crossings.
0.7	Wetzel	West Virginia	MVP-ATWS-003A	W-A2	7	The Limits are in an agricultural field where heavy equipment actively operates, and is downstream of wetland. ATWS is required for open cut stream crossing, conventional road bore, and multiple open cut road crossings.
5.3	Wetzel	West Virginia	MVP-ATWS-007	W-A36	0	ATWS was designed to aid in construction of an unavoidable winch hill. Wetland will be restored to original condition.
5.6	Wetzel	West Virginia	MVP-ATWS-009	W-A27	40	ATWS is necessary for access road entrance coming from two winch hills, drain, and wetland crossings, and also is within the limits of an existing agricultural field which is regularly maintained. The ATWS will also be utilized for parking and material storage.
6.6	Wetzel	West Virginia	MVP-ATWS-010	W-A34	8	ATWS is at base of (2) winch hills and a stream crossing while also intersecting an access road to right of way. ATWS limits are within existing agricultural field and is necessary for parking, material storage, and set up.
6.9	Wetzel	West Virginia	MVP-ATWS-786A	W-A32	15	Necessary for construction of road through tight curve radii and existing pipeline crossing
6.9	Wetzel	West Virginia	MVP-ATWS-786	W-A32	0	Necessary for construction of road through tight curve radii and existing pipeline crossing. Wetland will be restored to original condition. Wetland Will be restored to original condition.
6.9	Wetzel	West Virginia	MVP-ATWS-785	W-A30	7	Necessary for truck pull off and parking. ATWS provides safe passage for heavy haul trucks.
7.4	Wetzel	West Virginia	MVP-ATWS-750	W-A26	0	ATWS will aid in construction of road in tight curve for safe operation, as well as provide material storage and parking. It should be noted Wetland is downstream of ATWS. Wetland will be restored to original condition.
11.3	Harrison	West Virginia	MVP-ATWS-016	W-A5	6	ATWS is necessary for the conventional bore crossing of Big Elk Road
12.1	Harrison	West Virginia	MVP-ATWS-403	W-B55	49	ATWS is necessary for open cut road crossing at base of winch hill. It should be noted ATWS is within an existing Agricultural field.
12.2	Harrison	West Virginia	MVP-ATWS-403A	W-B55	10	ATWS is necessary for open cut stream crossing at base of winch hill. Area is marked as a potential test break. It should be noted ATWS is within an existing agricultural field.
15.4	Harrison	West Virginia	MVP-ATWS-458	W-J30	8	ATWS is necessary for a combined railroad and highway conventional bore. Potentially utilized for stream crossing section as well.
15.5	Harrison	West Virginia	MVP-ATWS-022	W-J31	32	ATWS is necessary for conventional bore of railroad and state highway 20
16.0	Harrison	West Virginia	MVP-ATWS-757	W-J32	12	Return Back: This ATWS is needed due to extremely tight switchback.
16.0	Harrison	West Virginia	MVP-ATWS-756	W-J32	45	ATWS is needed for construction staging and parking. ATWS is downstream of wetland.
17.8	Harrison	West Virginia	MVP-ATWS-025	W-F67A	9	Existing Agricultural field. Appears to be trimmed. ATWS is critical to set up road bore and stream crossing. ATWS will also be utilized for parking and material storage.
17.8	Harrison	West Virginia	MVP-ATWS-025A	W-F58	9	ATWS is required for a conventional bore of Left Fork of Little Rock Camp road
17.9	Harrison	West Virginia	MVP-ATWS-025B	W-A10	19	ATWS is necessary to set-up drain crossing at base of winch hill. This ATWS is within active agricultural field.
17.9	Harrison	West Virginia	MVP-ATWS-025C	W-A10	13	ATWS is necessary to set-up drain crossing at base of winch hill. This ATWS is within active agricultural field.
18.8	Harrison	West Virginia	MVP-ATWS-028	W-A40	0	ATWS is necessary to stage road bore and stream crossing. ATWS is within a maintained agricultural field. Wetland will be restored to original condition. Wetland will be restored to original condition.
18.9	Harrison	West Virginia	MVP-ATWS-029	W-A41	47	ATWS is necessary for construction of stream crossing and is located at base of winch hill.
19.0	Harrison	West Virginia	MVP-ATWS-759	W-A38	2	ATWS is necessary for parking, material staging, and bridge construction. ATWS limits are within a maintained agricultural field.
19.0	Harrison	West Virginia	MVP-ATWS-759A	W-A37	3	ATWS is necessary for parking, material staging, and bridge construction. ATWS limits are within a maintained agricultural field.
19.0	Harrison	West Virginia	MVP-ATWS-759A	W-A38	37	ATWS is necessary for parking, material staging, and bridge construction. ATWS limits are within a maintained agricultural field.
23.1	Harrison	West Virginia	MVP-ATWS-037	W-B2	8	ATWS is necessary for conventional bore construction, creek section ,and is within an existing active agricultural field.
23.1	Harrison	West Virginia	MVP-ATWS-037A	W-F3	8	ATWS is necessary for conventional bore construction, creek section ,and is within an existing active agricultural field.
23.1	Harrison	West Virginia	MVP-ATWS-037A	W-B3	10	ATWS is necessary for conventional bore construction, creek section ,and is within an existing active agricultural field.
23.1	Harrison	West Virginia	MVP-ATWS-036A	W-B3	44	ATWS is designated as a log landing by land per property owner request. Run off from ATWS will be caught by state road bar ditch prior to running into wetland.
30.9	Harrison	West Virginia	MVP-ATWS-418	W-F55	14	ATWS is at intersection os access road and pipeline ROW. ATWS is also necessary for staging prior to winch hill construction.
31.4	Harrison	West Virginia	MVP-ATWS-047	W-K43	9	ATWS is necessary for open cut road crossing and is within existing agricultural field.
32.8	Harrison	West Virginia	MVP-ATWS-051	W-K50	7	ATWS is necessary for multiple road crossings, open cut road crossing, and will be utilized for construction staging, material staging, and improves overall safety of crossings. ATWS is within existing agricultural field.
32.8	Harrison	West Virginia	MVP-ATWS-051	W-K48	14	ATWS is necessary for multiple road crossings, open cut road crossing, and will be utilized for construction staging, material staging, and improves overall safety of crossings. ATWS is within existing agricultural field.
32.8	Harrison	West Virginia	MVP-ATWS-051	W-K49	29	ATWS is necessary for multiple road crossings, open cut road crossing, and will be utilized for construction staging, material staging, and improves overall safety of crossings. ATWS is within existing agricultural field.
34.4	Doddridge	West Virginia	MVP-ATWS-774	W-K42	11	ATWS is at intersection of access road to right of way. ATWS will be Utilized for parking and construction staging. ATWS is critical in staging an open cut road crossing, as well as two drain crossings.

**Table 2-B-2**  
**ATWS located with in 50 feet of wetlands**

MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
34.4	Doddridge	West Virginia	MVP-ATWS-774	W-K40	45	ATWS is at intersection of access road to right of way. ATWS will be Utilized for parking and construction staging. ATWS is critical in staging an open cut road crossing, as well as two drain crossings.
34.9	Doddridge	West Virginia	MVP-ATWS-053	W-A23	0	ATWS is necessary for conventional bore road crossing, open cut stream crossing, intersection of access, parking, and material staging. ATWS is within limits of very active agricultural field. Wetland will be restored to original condition.
37.3	Harrison	West Virginia	MVP-ATWS-781	W-A24	39	Construction entrance at access road
37.3	Harrison	West Virginia	MVP-ATWS-781A	W-A24	26	Construction entrance at access road
38.1	Harrison	West Virginia	MVP-ATWS-056A	W-J40	33	ATWS is necessary for open cut road crossing, as well as staging for an open cut stream crossing.
41.3	Lewis	West Virginia	MVP-ATWS-059A	W-I25	8	ATWS is necessary for the construction of an open cut road crossing, and installation of stream crossing at base of winch hill. Potential testing site
42.0	Lewis	West Virginia	MVP-ATWS-060	W-I29	45	ATWS is at intersection of access road and public road. ATWS will be utilized for parking and material storage
42.0	Lewis	West Virginia	MVP-ATWS-060A	W-I29	28	ATWS is at intersection of access road and public road. ATWS will be utilized for parking and material storage
42.0	Lewis	West Virginia	MVP-ATWS-835	W-I28	6	ATWS is necessary for Access road construction
42.0	Lewis	West Virginia	MVP-ATWS-836	W-I28	36	ATWS is necessary for Access road construction
42.0	Lewis	West Virginia	MVP-ATWS-836	W-I27	37	ATWS is necessary for Access road construction
43.1	Lewis	West Virginia	MVP-ATWS-845	W-J17	31	ATWS is necessary due to intersection of existing access road and Right Of Way. Utilized for parking and construction staging.
43.1	Lewis	West Virginia	MVP-ATWS-844	W-J17	0	ATWS is necessary due to intersection of existing access road and Right Of Way. Utilized for parking and construction staging. Wetland will be restored to original condition.
43.3	Lewis	West Virginia	MVP-ATWS-838	W-J14	3	ATWS is necessary for turn radius of pipe trucks. ATWS will allow for material storage and staging. Access roads are existing.
43.3	Lewis	West Virginia	MVP-ATWS-838	W-J15	46	ATWS is necessary for turn radius of pipe trucks. ATWS will allow for material storage and staging. Access roads are existing.
43.3	Lewis	West Virginia	MVP-ATWS-839	W-J14	33	ATWS is necessary for turn radius of pipe trucks. ATWS will allow for material storage and staging. Access roads are existing.
44.8	Lewis	West Virginia	MVP-ATWS-064	W-K33-PEM	0	ATWS is necessary for steep conventional bore at base of winch hill. ATWS also necessary for open cut stream crossing, material storage, and additional construction staging. Wetland will be restored to original condition.
45.9	Lewis	West Virginia	MVP-ATWS-1341	W-K32	7	ATWS will help set up wetland crossing at base of winch hill and conventional bore road crossing.
45.9	Lewis	West Virginia	MVP-ATWS-070A	W-K31	30	ATWS utilized for parking and staging on uphill side of conventional bore crossing.
46.0	Lewis	West Virginia	MVP-ATWS-071A	W-B46	43	ATWS necessary to assist in conventional bore and stream crossing. ATWS is within limits of maintained agricultural field
46.0	Lewis	West Virginia	MVP-ATWS-071	W-B46	36	ATWS necessary to assist in conventional bore and stream crossing. ATWS is within limits of maintained agricultural field
46.0	Lewis	West Virginia	MVP-ATWS-071	W-K32	37	ATWS necessary to assist in conventional bore and stream crossing. ATWS is within limits of maintained agricultural field
46.0	Lewis	West Virginia	MVP-ATWS-071	W-B47	40	ATWS necessary to assist in conventional bore and stream crossing. ATWS is within limits of maintained agricultural field
46.1	Lewis	West Virginia	MVP-ATWS-072A	W-B51	12	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
46.1	Lewis	West Virginia	MVP-ATWS-072	W-B51	8	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
46.1	Lewis	West Virginia	MVP-ATWS-072	W-B47	40	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
46.1	Lewis	West Virginia	MVP-ATWS-072C	W-B51	48	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
46.1	Lewis	West Virginia	MVP-ATWS-072B	W-B51	23	ATWS is necessary for parking and staging, aid in construction of drain crossings, and is within limits of active agricultural field.
48.0	Lewis	West Virginia	MVP-ATWS-074	W-I22	7	ATWS is necessary for set up of public road conventional bore. Testing/Dewatering site
48.0	Lewis	West Virginia	MVP-ATWS-074A	W-I22	0	ATWS is necessary for set up of public road conventional bore. Testing/Dewatering Site. Wetland will be restored to original condition.
48.1	Lewis	West Virginia	MVP-ATWS-075	W-I22	46	ATWS is necessary for parking and staging on both sides of access road. Potential Testing location
48.1	Lewis	West Virginia	MVP-ATWS-075A	W-I22	36	ATWS is necessary for stream crossing. Testing/dewatering site
51.8	Lewis	West Virginia	MVP-ATWS-078	W-K28	9	ATWS will be used for parking, staging, and hill section set-up. ATWS is within existing well site.
51.8	Lewis	West Virginia	MVP-ATWS-078A	W-K28	0	ATWS will be used for parking, staging, and hill section set-up. ATWS is within existing well site. Wetland will be restored to original condition.
52.4	Lewis	West Virginia	MVP-ATWS-079	W-L40	8	ATWS will be utilized for stream crossing installation, access road crossing, staging and parking, and also located at base of two winch hills. ATWS limits are within active agricultural field.
58.6	Lewis	West Virginia	MVP-ATWS-085	W-H103	38	ATWS will be used to set up conventional road bore crossing.
58.7	Lewis	West Virginia	MVP-ATWS-086A	W-H105	0	ATWS will be used to set up base of hill section, as well as stream crossing installation. ATWS will also be utilized for parking and staging. ATWS is within existing agricultural field. Wetland will be restored to original condition.
58.7	Lewis	West Virginia	MVP-ATWS-086A	W-H106	0	ATWS will be used to set up base of hill section, as well as stream crossing installation. ATWS will also be utilized for parking and staging. ATWS is within existing agricultural field. Wetland will be restored to original condition.
59.3	Lewis	West Virginia	MVP-ATWS-427	W-H98	18	ATWS is at intersection of access road and right of way. This ATWS will be utilized for parking and construction staging.

Table 2-B-2 ATWS located with in 50 feet of wetlands						
MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
59.3	Lewis	West Virginia	MVP-ATWS-918	W-KK5	0	ATWS is at intersection of access road and public road. Utilized for staging, parking, and vehicular stream crossings. Wetland will be restored to original condition.
59.3	Lewis	West Virginia	MVP-ATWS-918	W-L37	25	ATWS is at intersection of access road and public road. Utilized for staging, parking, and vehicular stream crossings.
59.3	Lewis	West Virginia	MVP-ATWS-088	W-H100	11	ATWS is at intersection of access road and right of way. This ATWS will be utilized for parking and construction staging.
59.3	Lewis	West Virginia	MVP-ATWS-088	W-H98	12	ATWS is at intersection of access road and right of way. This ATWS will be utilized for parking and construction staging.
59.3	Lewis	West Virginia	MVP-ATWS-087	W-L37	0	ATWS is at intersection of access road and public road. Utilized for staging, parking, and roadway stream crossings. Wetland will be restored to original condition.
60.0	Lewis	West Virginia	MVP-ATWS-878	W-H108	14	ATWS is at intersection of an access road and ROW. Necessary for construction entrance. Utilized for parking and staging.
60.0	Lewis	West Virginia	MVP-ATWS-881	W-L36	0	ATWS is at intersection of access road and public road. Utilized for staging, parking, and stream crossings. ATWS limits within existing active agricultural fields. Wetland will be restored to original condition.
60.0	Lewis	West Virginia	MVP-ATWS-880	W-L36	33	ATWS is at intersection of access road and public road. Utilized for staging, parking, and stream crossings. ATWS limits within existing active agricultural fields
68.6	Braxton	West Virginia	MVP-ATWS-886	W-L33	1	ATWS is necessary for construction upgrades of existing access road
68.6	Braxton	West Virginia	MVP-ATWS-885	W-L33	9	ATWS is necessary for construction upgrades of existing access road
72.3	Braxton	West Virginia	MVP-ATWS-896	W-J10	11	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies.
72.3	Braxton	West Virginia	MVP-ATWS-896	W-J9	32	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies.
72.3	Braxton	West Virginia	MVP-ATWS-897	W-J9	0	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies. Wetland will be restored to original condition.
72.3	Braxton	West Virginia	MVP-ATWS-897	W-J10	30	Intersection of access road and public road. Needed for parking and staging. Existing gravel parking for logging companies.
72.4	Braxton	West Virginia	MVP-ATWS-110	W-I12	7	ATWS is connecting Right of way to existing road, within existing clear cut. Utilized for parking and construction staging
72.7	Braxton	West Virginia	MVP-ATWS-112A	W-K26	0	ATWS is at intersection of access road and Right of way. Utilized for setting up winch hill section, as well as improved work area safety during foreign line crossing construction. Wetland will be restored to original condition.
73.4	Braxton	West Virginia	MVP-ATWS-800	W-KK4	24	ATWS necessary for aprking, construction staging, as well as truck pull-off. ATWS is within limits of existing active agricultural field.
74.8	Braxton	West Virginia	MVP-ATWS-909	W-H93	35	ATWS is necessary for construction upgrades required to make switch back turn for pipe truck entry.
74.8	Braxton	West Virginia	MVP-ATWS-908	W-H93	0	ATWS is necessary for construction upgrades required to make switch back turn for pipe truck entry. Wetland will be restored to original condition.
74.8	Braxton	West Virginia	MVP-ATWS-118	W-H92	0	ATWS is necessary for construction upgrades required to make switch back turn for pipe truck entry. Wetland will be restored to original condition.
75.0	Braxton	West Virginia	MVP-ATWS-119	W-H94	8	ATWS is necessary for set up of little Kanawha river crossing. Limits of ATWS is within limits of existing active agricultural field.
81.8	Webster	West Virginia	MVP-ATWS-716A	W-R1	9	ATWS will be utilized parking and construction staging. ATWS is at intersection of access road and county road within existing agricultural field. Landowner request
81.8	Webster	West Virginia	MVP-ATWS-716A	W-E40	24	ATWS will be utilized parking and construction staging. ATWS is at intersection of access road and county road within existing agricultural field. Landowner request
88.8	Webster	West Virginia	MVP-ATWS-933	W-H81	34	ATWS is at intersection of access road and right of way. ATWS will be used for parking, staging, and set-up of hill section.
91.9	Webster	West Virginia	MVP-ATWS-949	W-KK1	0	ATWS is necessary for pipe turn radius, as well as truck passage on slope. Limited use. Wetland will be restored to original condition.
91.9	Webster	West Virginia	MVP-ATWS-945	W-KK22	29	ATWS limits are within existing well site. ATWS is necessary for staging and parking at intersection of two access roads.
91.9	Webster	West Virginia	MVP-ATWS-945	W-KK22	39	ATWS limits are within existing well site. ATWS is necessary for staging and parking at intersection of two access roads.
91.9	Webster	West Virginia	MVP-ATWS-945	W-KK22	41	ATWS limits are within existing well site. ATWS is necessary for staging and parking at intersection of two access roads.
93.2	Webster	West Virginia	MVP-ATWS-161	W-H63	9	ATWS necessary at base of winch hill and set-up of wetland and stream crossing installation. ATWS limits are within maintained agricultural field.
93.2	Webster	West Virginia	MVP-ATWS-161	W-H64-PSS	10	ATWS necessary at base of winch hill and set-up of wetland and stream crossing installation. ATWS limits are within maintained agricultural field.
93.2	Webster	West Virginia	MVP-ATWS-161	W-H64-PEM2	10	ATWS necessary at base of winch hill and set-up of wetland and stream crossing installation. ATWS limits are within maintained agricultural field.
97.7	Webster	West Virginia	MVP-ATWS-171C	W-B31	12	ATWS is necessary in open cut road crossing, open cut stream crossing, as well as vehicle parking and staging. ATWS is within agricultural field.
97.7	Webster	West Virginia	MVP-ATWS-171C	W-B32	12	ATWS is necessary in open cut road crossing, open cut stream crossing, as well as vehicle parking and staging. ATWS is within agricultural field.
97.7	Webster	West Virginia	MVP-ATWS-171C	W-B33	12	ATWS is necessary in open cut road crossing, open cut stream crossing, as well as vehicle parking and staging. ATWS is within agricultural field.
97.7	Webster	West Virginia	MVP-ATWS-171B	W-B31	39	ATWS is required for construction of a potential conventional bore road crossing.
97.7	Webster	West Virginia	MVP-ATWS-171A	W-B31	47	ATWS is at intersection of access road and Right of way. This ATWS is to assist in open cut crossing of public road. It should be noted there is a bar ditch between ATWS-171A and W-B31 wetland.
98.9	Webster	West Virginia	MVP-ATWS-454	W-A18	12	ATWS will be used for staging, parking, and improve constructibility of stream crossing. ATWS will also be used in staging of equipment hook up to travel steep slope.
98.9	Webster	West Virginia	MVP-ATWS-454A	W-A18	7	ATWS will be used for staging, parking, and improve constructibility of stream crossing. ATWS will also be used in staging of equipment to travel steep slope.

Table 2-B-2 ATWS located with in 50 feet of wetlands						
MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
104.1	Webster	West Virginia	MVP-ATWS-178A	W-F30	39	ATWS is at intersection of Access road and Right Of Way and will be utilized in installing drain crossing, staging, and vehicle/equipment parking.
109.7	Nicholas	West Virginia	MVP-ATWS-456	W-E16	30	ATWS will be utilized during conventional bore of county route. ATWS required for ingress/egress on county route
109.8	Nicholas	West Virginia	MVP-ATWS-190	W-E13	47	ATWS is at intersection of Right of way and access road. ATWS is necessary for installation of stream crossing, abandoned railroad conventional bore, parking, and staging.
109.8	Nicholas	West Virginia	MVP-ATWS-965	W-E13	33	ATWS at intersection of Right of way and access road. ATWS is necessary for installation of stream crossing, abandoned railroad bore, parking, and staging.
111.0	Nicholas	West Virginia	MVP-ATWS-193A	W-F15	17	Existing agricultural field. Necessary for installation of stream crossing, material storage, vehicle parking, and is at intersection of access road and right of way.
111.0	Nicholas	West Virginia	MVP-ATWS-193A	W-F12	18	Existing agricultural field. Necessary for installation of stream crossing, material storage, vehicle parking, and potentially intersection of access road and right of way.
111.1	Nicholas	West Virginia	MVP-ATWS-195	W-K23	7	ATWS required for open cut road crossing, staging, and vehicle parking. Within limits of active agricultural fields.
111.1	Nicholas	West Virginia	MVP-ATWS-194	W-F11	12	ATWS required for open cut road crossing, construction staging, and vehicle parking. Within limits of active agricultural fields.
111.1	Nicholas	West Virginia	MVP-ATWS-194	W-K23	36	ATWS required for open cut road crossing, construction staging, and vehicle parking. Within limits of active agricultural fields.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-E32	0	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks. Wetland will be restored to original condition.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-E34	27	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-E33	29	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-E35	36	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-E36	38	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks.
112.7	Nicholas	West Virginia	MVP-ATWS-196	W-C20	43	Within limits of active agricultural field. ATWS is necessary for parking, construction staging, and pull off area used for passage of pipe trucks.
114.3	Nicholas	West Virginia	MVP-ATWS-550	W-A17	32	ATWS necessary for parking and staging, as well as aid in conventional road bore crossing.
114.7	Nicholas	West Virginia	MVP-ATWS-201	W-A15	50	ATWS necessary for pre fabricating stream crossings. Material Stock piling.
115.8	Nicholas	West Virginia	MVP-ATWS-585B	W-H51	14	ATWS is at base of winch hill and necessary for installation of stream crossing.
116.6	Nicholas	West Virginia	MVP-ATWS-208	W-N24	49	ATWS is necessary for material storage and construction in close proximity to wetland area.
116.9	Nicholas	West Virginia	MVP-ATWS-210	W-I7	50	ATWS is necessary for a conventional bore road crossing. Additionally, ATWS is needed for parking and material staging.
118.5	Nicholas	West Virginia	MVP-ATWS-217A	W-I9	12	ATWS is at intersection of access road and ROW. ATWS will be required for parking, staging, and construction of pipe section to cross the Gauley river.
119.9	Nicholas	West Virginia	MVP-ATWS-1005	W-R6	0	ATWS is in existing road. Upgrade is required for construction and used for pull-off for pipe truck passage during ingress/egress. Wetland will be restored to original condition.
123.0	Nicholas	West Virginia	MVP-ATWS-1009	W-W4	0	ATWS is required for environmental control upgrades. We do not anticipate constructing outside existing road limits. Wetland will be restored to original condition.
123.0	Nicholas	West Virginia	MVP-ATWS-1008	W-W4	40	ATWS is required for environmental control upgrades. We do not anticipate constructing outside existing road limits.
126.6	Nicholas	West Virginia	MVP-ATWS-241	W-U7	0	ATWS is necessary for installation of stream crossing, construction staging, and material storage. Wetland will be restored to original condition.
131.0	Nicholas	West Virginia	MVP-ATWS-1023	W-H40	50	ATWS is required for improved turn radius in switchback turn.
131.1	Nicholas	West Virginia	MVP-ATWS-249	W-H36	8	ATWS is necessary for staging and installation of stream crossing.
131.1	Nicholas	West Virginia	MVP-ATWS-249	W-H34	12	ATWS is necessary for staging and installation of stream crossing.
131.1	Nicholas	West Virginia	MVP-ATWS-249	W-H37	25	ATWS is necessary for staging and installation of stream crossing.
132.0	Nicholas	West Virginia	MVP-ATWS-252	W-V4	3	ATWS necessary for installation of stream crossing and staging of material.
132.1	Nicholas	West Virginia	MVP-ATWS-253	W-V5	17	ATWS necessary for installation of stream crossing and staging of material.
136.4	Greenbrier	West Virginia	MVP-ATWS-258	W-M18	8	ATWS is necessary for construction in area with multiple open cut road crossings, construction staging, and vehicle/equipment parking.
143.0	Greenbrier	West Virginia	MVP-ATWS-674	W-V6	6	ATWS is required for construction upgrade of access road, as well as pull off area which allows for safe passage of pipe trucks during ingress/egress.
143.3	Greenbrier	West Virginia	MVP-ATWS-1192	W-M4	48	ATWS is necessary for pipe trucks to make sharp 90 degree switchback.
143.3	Greenbrier	West Virginia	MVP-ATWS-1193	W-M4	0	ATWS is necessary for pipe trucks to make sharp 90 degree switchback. Wetland will be restored to original condition.
143.7	Greenbrier	West Virginia	MVP-ATWS-273A	W-W15	0	ATWS necessary for set-up of meadow river crossing. Testing location. Wetland will be restored to original condition.
143.7	Greenbrier	West Virginia	MVP-ATWS-273A	W-W14	0	ATWS necessary for set-up of meadow river crossing. Testing location. Wetland will be restored to original condition.
145.8	Greenbrier	West Virginia	MVP-ATWS-275	W-L20	0	ATWS is necessary for parking, construction staging, and the installation of an open cut road crossing. ATWS is within existing active agricultural field. Wetland will be restored to original condition.
145.8	Greenbrier	West Virginia	MVP-ATWS-275	W-L21	0	ATWS is necessary for parking, construction staging, and the installation of an open cut road crossing. ATWS is within existing active agricultural field. Wetland will be restored to original condition.
145.8	Greenbrier	West Virginia	MVP-ATWS-275	W-L22	7	ATWS is necessary for parking, construction staging, and the installation of an open cut road crossing. ATWS is within existing active agricultural field.

**Table 2-B-2**  
**ATWS located with in 50 feet of wetlands**

MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
145.8	Greenbrier	West Virginia	MVP-ATWS-275	W-L17	8	ATWS is necessary for parking, construction staging, and the installation of an open cut road crossing. ATWS is within existing active agricultural field.
146.7	Greenbrier	West Virginia	MVP-ATWS-278A	W-L12	8	ATWS is required for conventional road bore crossing, as well as an open cut stream crossing. ATWS utilized for construction staging and vehicle parking.
146.7	Greenbrier	West Virginia	MVP-ATWS-278A	W-L13	39	ATWS is required for conventional bore road crossing, as well as an open cut stream crossing. ATWS utilized for construction staging and vehicle parking.
147.9	Greenbrier	West Virginia	MVP-ATWS-283	W-L3	0	ATWS is at intersection of an access road and right of way and will be used for staging and parking. ATWS limits are within maintained agricultural field. Wetland will be restored to original condition.
147.9	Greenbrier	West Virginia	MVP-ATWS-283	W-L2	28	ATWS is at intersection of access road and right of way and will be used for staging and parking. ATWS limits are within maintained agricultural field.
147.9	Greenbrier	West Virginia	MVP-ATWS-283	W-L4	44	ATWS is at intersection of access road and right of way and will be used for staging and parking. ATWS limits are within maintained agricultural field.
147.9	Greenbrier	West Virginia	MVP-ATWS-283A	W-L2	7	ATWS is at intersection of access road and right of way and will be used for staging and parking. ATWS limits are within maintained agricultural field.
147.9	Greenbrier	West Virginia	MVP-ATWS-283A	W-L3	37	ATWS is at intersection of access road and right of way and will be used for staging and parking. ATWS limits are within maintained agricultural field.
147.9	Greenbrier	West Virginia	MVP-ATWS-283B	W-L5	7	ATWS is at intersection of access road and right of way and will be used for staging and parking, as well as tagging for drain crossing. ATWS limits are within maintained agricultural field.
147.9	Greenbrier	West Virginia	MVP-ATWS-283B	W-L4	22	ATWS is at intersection of access road and right of way and will be used for staging and parking, as well as tagging for drain crossing. ATWS limits are within maintained agricultural field.
150.3	Greenbrier	West Virginia	MVP-ATWS-1199	W-W9	0	ATWS necessary for construction of pipe truck turn radius on 90 degree switch back. Wetland will be restored to original condition.
150.3	Greenbrier	West Virginia	MVP-ATWS-1197	W-W10	24	ATWS necessary for construction of pipe truck turn on 90 degree switch back
150.3	Greenbrier	West Virginia	MVP-ATWS-1198	W-W10	43	ATWS necessary for construction of pipe truck turn on 90 degree switch back
150.3	Greenbrier	West Virginia	MVP-ATWS-682	W-W9	27	ATWS necessary for construction of pipe truck turn on 90 degree switch back
154.5	Greenbrier	West Virginia	MVP-ATWS-291A	W-X13	31	ATWS is necessary to set-up conventional road bore and material staging during bore.
154.5	Greenbrier	West Virginia	MVP-ATWS-291A	W-X14	35	ATWS is necessary to set-up conventional road bore and staging during bore.
154.5	Greenbrier	West Virginia	MVP-ATWS-605	W-X11	7	ATWS is necessary for set up of conventional road bore, parking, and material staging. Proposed testing Location
154.5	Greenbrier	West Virginia	MVP-ATWS-605	W-K6	7	ATWS is necessary for set up of conventional road bore, parking, and material staging. Proposed Testing Location
154.5	Greenbrier	West Virginia	MVP-ATWS-605	W-K7	30	ATWS is necessary for set up of conventional road bore, parking, and material staging. Proposed Testing Location
161.3	Summers	West Virginia	MVP-ATWS-713	W-I10	10	ATWS is at intersection of access road and right of way. ATWS will be used for parking, staging, and constructibility of right of way entrance.
170.8	Summers	West Virginia	MVP-ATWS-559A	W-K3	21	ATWS will be necessary for crossing of greenbrier river. Crossing method is yet to be determined. ATWS limits are within an active agricultural field. Proposed Testing Location
170.8	Summers	West Virginia	MVP-ATWS-559A	W-K4	24	ATWS will be necessary for crossing of greenbrier river. Crossing method is yet to be determined. ATWS limits are within an active agricultural field. Proposed Testing Location
184.4	Monroe	West Virginia	MVP-ATWS-336	w-z2	12	ATWS will be necessary for conventional bore road crossing, parking, and additional construction staging needs. ATWS is within limits of existing agricultural field.
191	Monroe	West Virginia	MVP-ATWS-648	W-E12	50	Proposed testing location
193.8	Monroe	West Virginia	MVP-ATWS-1069	W-C17	50	Construction entrance from Painter run road . Parking and staging.
193.8	Monroe	West Virginia	MVP-ATWS-1068	W-C17	9	ATWS is at intersection of access road and public roadway. ATWS will be used for parking and constructions staging. ATWS limits are within limits of existing active agricultural field.
199.6	Giles	Virginia	MVP-ATWS-339A	W-S1	8	ATWS is at intersection of an access road and right of way. ATWS is necessary for conventional bore of county road, construction staging, and is adjusted away from man made feature. ATWS is within a mine reclamation..
223.8	Montgomery	Virginia	MVP-ATWS-669	W-E11	7	Intersection of Right of Way and access road. This ATWS will be used for parking, staging, improved safety at base of hill, and set up for stream installation.
225.7	Montgomery	Virginia	MVP-ATWS-473A	W-G3	40	ATWS is necessary for large open cut stream crossing
225.9	Montgomery	Virginia	MVP-ATWS-474	W-G4	50	Intersection of access road and ROW, All within agricultural field.
228.2	Montgomery	Virginia	MVP-ATWS-701	W-C6	32	ATWS is at intersection of access road and right of way. ATWS is required for construction staging and parking.
243.3	Roanoke	Virginia	MVP-ATWS-1306	W-Y2	4	ATWS is at intersection of existing road and right of way. ATWS will be required for construction staging, parking, and assist in two drain crossings.
243.3	Roanoke	Virginia	MVP-ATWS-1306	W-Y1	25	ATWS is at intersection of existing road and right of way. ATWS will be required for construction staging, parking, and assist in two drain crossings.
243.3	Roanoke	Virginia	MVP-ATWS-1306	W-Z10-WP	44	ATWS is at intersection of existing road and right of way. ATWS will be required for construction staging, parking, and assist in two drain crossings.
243.6	Roanoke	Virginia	MVP-ATWS-1308	W-Q11	17	ATWS is at intersection of access road and public highway. ATWS is required for material staging and parking.
243.6	Roanoke	Virginia	MVP-ATWS-1308	W-Q10	19	ATWS is at intersection of access road and public highway. ATWS is required for material staging and parking.
243.6	Roanoke	Virginia	MVP-ATWS-1307	W-Q11	36	ATWS is at intersection of access road and public highway. ATWS is required for material staging and parking.
253.8	Franklin	Virginia	MVP-ATWS-1066	W-I18	18	ATWS is required for the installation of an open cut road crossing, open cut stream crossing, and drain crossings. Additional usage for staging and parking.
256.7	Franklin	Virginia	MVP-ATWS-616	W-E10	0	ATWS will be required for material staging and required space for pipe section used for stream crossing. ATWS limits are within an existing agricultural field. Wetland will be restored to original condition.



**Table 2-B-2  
ATWS located with in 50 feet of wetlands**

MP	County	State	ATWS	Wetland ID	Offset (feet)	Reason
256.7	Franklin	Virginia	MVP-ATWS-616	W-E7	33	ATWS will be required for material staging and required space for pipe section used for stream crossing. ATWS limits are within an existing agricultural field.
256.9	Franklin	Virginia	MVP-ATWS-564	W-E8	50	Desired for stream crossing installation. ATWS is within limits of an active agricultural field. Potential Testing area
260.8	Franklin	Virginia	MVP-ATWS-571	W-II2-EXT1	0	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field. Wetland will be restored to original condition.
260.8	Franklin	Virginia	MVP-ATWS-571	W-II3	0	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field. Wetland will be restored to original condition.
260.8	Franklin	Virginia	MVP-ATWS-571	W-II2	16	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field.
269.5	Franklin	Virginia	MVP-ATWS-622	W-A12-PEM	6	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field.
269.5	Franklin	Virginia	MVP-ATWS-622	W-DD1	24	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field.
269.6	Franklin	Virginia	MVP-ATWS-623	W-A12-PEM	21	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field.
269.6	Franklin	Virginia	MVP-ATWS-623	W-A12-PFO	28	ATWS is required for an open cut stream crossing, parking, and additional construction staging. ATWS is within existing agricultural field.
271.5	Franklin	Virginia	MVP-ATWS-1340	W-B10	40	ATWS is within a clear cut area. ATWS will be required for stream crossing installation, parking, and additional construction material storage.
279.9	Franklin	Virginia	MVP-ATWS-1364	W-B6	48	Potential Testing Location
293.7	Pittsylvania	Virginia	MVP-ATWS-634	W-Q2	50	ATWS necessary to aid in construction work space during installation of open cut stream crossing.
293.8	Pittsylvania	Virginia	MVP-ATWS-635	W-Q1	24	ATWS required for construction staging, parking, and installation of open cut stream crossing. ATWS is within active agricultural field.
293.8	Pittsylvania	Virginia	MVP-ATWS-821	W-DD2	9	ATWS is at intersection of access road and right of way. ATWS will be required for construction staging, parking, and installation of open cut stream crossing. ATWS is within active agricultural field.
293.8	Pittsylvania	Virginia	MVP-ATWS-821	W-Q1	31	ATWS is required for installation of stream and wetland crossings.
297.3	Pittsylvania	Virginia	MVP-ATWS-1320	W-G2	7	ATWS will be required for drain crossing and construction staging.
298.6	Pittsylvania	Virginia	MVP-ATWS-1322	W-H25	15	ATWS is required to set-up for drain crossing and construction staging. ATWS is within limits of active agricultural field.
298.7	Pittsylvania	Virginia	MVP-ATWS-1323	W-H24	19	ATWS is required to set-up for drain crossing and construction staging. ATWS is within limits of active agricultural field.
299.1	Pittsylvania	Virginia	MVP-ATWS-401A	W-H2	7	ATWS is within limits of agricultural field. ATWS is required to set up conventional bore road crossing, in addition to construction staging and parking.
299.1	Pittsylvania	Virginia	MVP-ATWS-401A	W-H1	47	ATWS is within limits of agricultural field. ATWS is required to set up conventional bore road crossing, in addition to construction staging and parking.
299.1	Pittsylvania	Virginia	MVP-ATWS-401	W-H2	46	ATWS is within limits of agricultural field. ATWS is required to set up conventional bore road crossing, in addition to construction staging and parking.