

APPENDIX E

Extra Workspaces Associated with Construction of the Rover Pipeline Project

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ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
SUPPLY LATERALS								
Sherwood Lateral								
<u>Doddridge County, West Virginia</u>								
ATWS 001	0.2	25	150	0.1	Foreign Pipeline Crossing	FO		
ATWS 002	0.9	25	150	0.1	Private Road Crossing / PI 90deg	FO/OP		
ATWS 003	1.0	25	150	0.1	Foreign Pipeline / Waterbody Crossing / PI 90deg	OP		
ATWS 004	1.0A	10	40	0.0	CR 50/34 (Swisher Ln) Crossing	OP		
ATWS 005	1.0A	15	40	0.0	CR 50/34 (Swisher Ln) Crossing	OP		
ATWS 006	1.1A	10	155	0.1	US Hwy 50 / Cr 50/34 (Swisher Ln) Crossing	FO/OP		
ATWS 007	1.1A	15	240	0.1	US Hwy 50 / Cr 50/34 (Swisher Ln) Crossing	FO/OP		
ATWS 008	1.1A	10	10	0.0	US Hwy 50 Crossing	FO		
ATWS 009	1.2A	15	110	0.1	US Hwy 50 Crossing	FO		
ATWS 010	1.2A	10	325	0.1	US Hwy 50 / CR 20 (Morgans Run Rd) Crossing	FO/OP		
ATWS 011	1.2A	15	80	0.0	CR 20 (Morgans Run Rd) Crossing	FO/OP		
ATWS 012	1.3A	15	55	0.0	CR 20 (Morgans Run Rd) Crossing	FO/OP		
ATWS 013	1.3A	10	130	0.1	CR 20 (Morgans Run Rd) Crossing	FO/OP	S3ES-DO-213	13.8
ATWS 014	1.4A	15	525	0.2	Side Slope	FO		
ATWS 015	1.5A	10	360	0.1	Side Slope	FO		
ATWS 016	1.6A	10	85	0.0	Wetland Crossing	FO		
ATWS 017	1.6A	15	250	0.1	Console Pipeline Crossing	FO/OP	S1ES-DO-219	0.0
ATWS 018	1.7A	10	55	0.0	Stream Crossing	FO		
ATWS 019	1.1B	25	2,460	1.4	Side Slope	FO		

APPENDIX E (continued)								
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		Width	Length					
ATWS 020	1.4B	10	400	0.1	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 021	1.4B	15	400	0.1	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 022	1.5B	10	405	0.1	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 023	1.5B	15	395	0.1	CR 50/10 (Englands Run Rd) / Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 024	1.7B	25	1,870	1.1	Side Slope	FO/OP		
ATWS 025	1.9B	15	430	0.2	Equitable Production Pipeline / Eureka Pipeline Crossing	FO		
ATWS 026	1.9B	10	420	0.1	Equitable Production Pipeline / Eureka Pipeline Crossing	FO		
ATWS 027	2.0	25	495	0.3	Side Slope	FO/OP		
ATWS 028	2.1	10	610	0.1	Dominion Pipeline Crossing / Side Slope	FO/OP		
ATWS 029	2.1	10	200	0.1	Dominion Pipeline Crossing	FO		
ATWS 030	2.3	15	230	0.1	Equitable Production Co. Pipeline Crossing	FO	S4H-DO-249	0.0
ATWS 031	2.3	10	380	0.1	CR 30/3 (Jockey Camp Rd) / Jockey Camp Run / Equitable Production Co. Pipeline Crossing	FO		
ATWS 032	2.4	10	795	0.2	CR 30/3 (Jockey Camp Rd) / Stream / Unknown Foreign Pipelines Crossing	FO	S1ES-DO-126	9.1
ATWS 033	2.4	15	790	0.3	CR 30/3 (Jockey Camp Rd) / Stream / Unknown Foreign Pipelines Crossing	FO		
ATWS 034	2.6	25	545	0.5	Side Slope	FO		
ATWS 035	2.7	10	280	0.1	Stream Crossing	FO		
ATWS 036	2.7	15	275	0.1	Stream Crossing	FO		
ATWS 037	2.8	10	300	0.1	Stream Crossing	FO		45.5

APPENDIX E (continued)

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		Width	Length					
ATWS 038	2.8	15	300	0.1	Stream Crossing	FO		
ATWS 039	3.1	25	2,770	1.6	Side Slope	FO/OP		
ATWS 040	3.5	15	140	0.1	Stream Crossing	FO	S2ES-DO-122	24.6
ATWS 041	3.5	15	65	0.0	Stream Crossing	FO/OP	S2ES-DO-122	25.7
ATWS 042	3.6	15	300	0.1	Stream Crossing	FO		
ATWS 043	3.6	10	300	0.1	Stream Crossing	FO		
ATWS 044	3.8	25	1105	0.6	Side Slope	FO		
ATWS 045	3.9	10	190	0.0	Unknown Foreign Pipeline Crossing	FO		
ATWS 046	3.9	15	155	0.1	Unknown Foreign Pipeline Crossing	FO		
ATWS 047	4.0	25	690	0.4	Side Slope	FO		
ATWS 048	4.1	15	100	0.0	Natural Drainage Crossing	FO		
ATWS 049	4.1	10	100	0.0	Natural Drainage Crossing	FO	S2ES-DO-124	25.5
ATWS 050	4.3	15	90	0.0	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
ATWS 051	4.4	15	260	0.1	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
ATWS 052	4.4	10	160	0.0	CR 5/8 (Well Rd) / Streams Crossing	FO/OP		
ATWS 053	4.4	25	550	0.3	Side Slope	FO		
ATWS 054	4.5	15	320	0.1	Stream / Unknown Foreign Pipeline Crossing	FO	S4ES-DO-103	24.8
ATWS 055	4.6	10	60	0.0	CR 5 (Rock Run Rd) / Stream Crossing	FO		
ATWS 056	4.6	15	60	0.0	CR 5 (Rock Run Rd) / Stream Crossing	FO		
ATWS 057	4.6	15	305	0.1	CR 5 (Rock Run Rd) / Stream Crossing	FO		
ATWS 058	4.6	10	300	0.1	CR 5 (Rock Run Rd) / Stream Crossing	FO		

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		Width	Length					
ATWS 059	4.8	15	315	0.1	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP		
ATWS 060	4.8	10	325	0.1	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP		
ATWS 061	4.8	10	325	0.1	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP	S1ES-DO-108	26.5
ATWS 062	4.8	15	270	0.1	CR 34 (Piggin Run Rd) / Streams Crossing	FO/OP	S2ES-DO-109	34.1
ATWS 063	5.0	10	285	0.1	Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 064	5.0	15	255	0.1	Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 065	5.0	25	445	0.3	Unknown Foreign Pipeline Crossing / Side Slope	OP/FO		
ATWS 066	5.3	25	1,970	1.1	Side Slope	FO		
ATWS 067	5.5	10	100	0.0	Stream Crossing	FO		
ATWS 068	5.5	15	160	0.1	Stream Crossing	FO		
ATWS 069	5.6	10	100	0.0	Stream Crossing	FO		
ATWS 070	5.6	15	100	0.0	Stream Crossing	FO		
ATWS 071	5.6	25	515	0.3	Side Slope	FO		
ATWS 072	5.8	15	380	0.1	Stream / Wetland Crossing	FO		
ATWS 073	5.8	10	385	0.1	Stream / Wetland Crossing	FO	W4H-DO-252	48.3
ATWS 074	5.9	15	15	0.0	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
ATWS 075	5.9	10	20	0.0	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
ATWS 076	5.9	15	225	0.1	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
ATWS 077	5.9	10	225	0.1	CR 28 (Nutter Fork Rd) / Stream Crossing	FO/OP		
ATWS 078	6.2	25	2,460	1.4	Dominion / Consol Energy Pipelines Crossing / Side Slope	FO/OP		

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		Width	Length					
ATWS 079	6.6	15	295	0.1	Stream Crossing	FO	S2ES-DO-136	48.6
ATWS 080	6.6	10	295	0.1	Stream Crossing	FO	S2ES-DO-137 & S2ES-DO-136	13.8 & 48.7
ATWS 081	6.7	15	390	0.1	Stream / Equitrans Pipeline Crossing	FO/OP	S2ES-DO-136	48.1
ATWS 082	6.7	10	385	0.1	Stream / Equitrans Pipeline Crossing	FO/OP	S2ES-DO-135 & S2ES-DO-136	32.9 & 46.0
ATWS 083	6.8	25	450	0.3	Side Slope	FO		
ATWS 084	6.9	10	350	0.1	Equitrans / Consol Energy Pipelines Crossing	FO		
ATWS 085	6.9	15	235	0.1	Equitrans / Consol Energy Pipelines Crossing	FO/OP		
ATWS 086	7.0	10	240	0.1	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO		
ATWS 087	7.0	15	190	0.1	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO	S2ES-DO-131	22.8
ATWS 088	7.1	10	210	0.1	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO		
ATWS 089	7.1	15	150	0.1	CR 22 (Wolfpen Run Rd) / Stream Crossing	FO/OP		
ATWS 090	7.2	25	890	0.5	Side Slope	FO/OP		
ATWS 091	7.3	10	295	0.1	Side Slope	OP/FO		
ATWS 092	7.3	15	200	0.1	Side Slope	FO/OP		
ATWS 093	7.4	25	755	0.4	Side Slope	FO		
ATWS 094	7.7	25	2,445	1.4	Side Slope	FO		
ATWS 095	8.1	15	290	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO/OP		
ATWS 096	8.1	10	295	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	46.9
ATWS 097	8.1	10	300	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	47.8
ATWS 098	8.1	15	300	0.1	Stream / CR 24 (Camp Mistake Rd) Crossing	FO	S1ES-DO-121	48.6
ATWS 099	8.3	25	990	0.6	CNX Gas Pipeline / Side Slope	FO		
ATWS 100	8.5	10	75	0.0	Stream Crossing	FO		

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		Width	Length					
ATWS 101	8.6	15	280	0.1	Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 102	8.6	10	55	0.0	Stream / Unknown Foreign Pipeline Crossing	FO	S3ES-DO-103	49.4
ATWS 103	8.7	10	285	0.1	Stream / Unknown Foreign Pipeline Crossing	FO/OP		
ATWS 104	8.7	15	60	0.0	Stream Crossing	OP		
<u>Doddridge & Tyler Counties, West Virginia</u>								
ATWS 105	8.7	25	725	0.4	Side Slope	FO		
<u>Tyler County, West Virginia</u>								
ATWS 106	8.9	10	420	0.1	Union Carbide Pipeline Crossing / Side Slope	FO		
ATWS 107	8.9	15	475	0.2	Union Carbide Pipeline Crossing / Side Slope	FO		
ATWS 108	9.0	25	850	0.5	Side Slope	FO		
ATWS 109	9.1	25	940	0.5	Side Slope	FO		
ATWS 110	9.2	10	180	0.0	Equitrans Pipeline Crossing	FO		
ATWS 111	9.3	15	380	0.1	Stream / Equitrans Pipeline Crossing	FO		
ATWS 112	9.4	10	300	0.1	Stream Crossing	FO		
ATWS 113	9.5	15	780	0.3	Side Slope / Stream / Equitrans Pipelines Crossing	FO		
ATWS 114	9.6	10	760	0.2	Side Slope / Stream / Equitrans Pipelines Crossing	FO		
ATWS 115	9.6	25	380	0.2	Equitrans Pipelines Crossing	FO		
ATWS 116	9.7	15	350	0.1	CR 6/2 (Sandy Creek Rd) / EQT Pipeline / Stream Crossing	FO		
ATWS 117	9.7	10	415	0.1	CR 60/2 (Sandy Creek Rd) / EQT Pipeline / Stream Crossing	FO/OP		
ATWS 118	9.8	10	145	0.1	CR 60/2 (Sandy Creek Rd) / Stream Crossing	FO/OP	S3ES-TY-115	48.5
ATWS 119	9.8	15	250	0.1	CR 60/2 (Sandy Creek Rd) / Stream Crossing	FO/OP		
ATWS 120	9.9	15	400	0.1	Streams / EQT Pipeline Crossing	FO/OP		

APPENDIX E (continued)

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		Width	Length					
ATWS 121	9.9	10	465	0.1	Streams / EQT Pipeline Crossing	OP/FO		
ATWS 122	10.0	15	235	0.1	Streams / EQT Pipeline Crossing	FO	S3ES-TY-121	31.3
ATWS 123	10.0	10	250	0.1	Streams / EQT Pipeline Crossing	FO/OP		
ATWS 124	10.1	25	440	0.3	Stream Crossing / Side Slope	FO	S3ES-TY-123	34.1
ATWS 125	10.1	10	310	0.1	Side Slope	FO/OP		
ATWS 126	10.1	15	310	0.1	Side Slope	FO/OP		
ATWS 127	10.3	15	185	0.1	Consol Energy Pipeline / Stream Crossing	FO		
ATWS 128	10.3	15	70	0.0	Stream Crossing	FO		
ATWS 129	10.4	10	100	0.0	Stream Crossing	FO		
ATWS 130	10.4	25	100	0.1	Stream / Wetland Crossing	OP/FO		
ATWS 131	10.4	25	105	0.1	Stream / Wetland Crossing	FO		
ATWS 132	10.7	25	905	0.5	Streams Crossing / Side Slope	FO/OP		
ATWS 133	10.8	25	580	0.3	Stream Crossing / Side Slope	FO		
ATWS 134	10.9	10	335	0.1	CR 58 (Jefferson Run Rd) Crossing / Side Slope	FO		
ATWS 135	10.9	15	355	0.1	CR 58 (Jefferson Run Rd) Crossing / Side Slope	FO		
ATWS 136	11.0	15	195	0.1	CR 58 (Jefferson Run Rd) / Stream Crossing	OP/FO		
ATWS 137	11.0	10	265	0.1	CR 58 (Jefferson Run Rd) / Stream Crossing	OP		
ATWS 138	11.0	25	440	0.3	Side Slope	FO		
ATWS 139	11.1	15	80	0.0	Stream Crossing	FO		
ATWS 140	11.1	10	90	0.0	Stream Crossing	FO		
ATWS 141	11.2	15	335	0.1	Stream / Equitrans Pipeline Crossing	FO		
ATWS 142	11.2	10	325	0.1	Stream / Equitrans Pipeline Crossing	FO		
ATWS 143	11.3	25	705	0.4	Side Slope	FO		
ATWS 144	11.4	25	400	0.2	Side Slope	FO/OP		

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		Width	Length					
ATWS 145	11.5	15	290	0.1	Consol Energy Pipeline Crossing	FO		
ATWS 146	11.5	10	215	0.1	Consol Energy Pipeline Crossing	FO		
ATWS 147	11.7	25	1,225	0.7	Side Slope	FO		
ATWS 148	11.8	15	200	0.1	Private Road Crossing	FO/OP		
ATWS 149	11.8	10	210	0.1	Private Road Crossing	FO/OP		
ATWS 150	11.9	25	300	0.2	Side Slope	FO		
ATWS 151	12.0	15	100	0.0	Stream Crossing	FO		
ATWS 152	12.0	10	100	0.0	Stream Crossing	FO		
ATWS 153	12.1	15	100	0.0	Stream Crossing	FO		
ATWS 154	12.3	25	610	0.4	Side Slope	FO		
ATWS 155	12.3	15	115	0.0	Consol Energy Pipeline Crossing	FO		
ATWS 156	12.3	10	100	0.0	Consol Energy Pipeline Crossing	FO		
ATWS 157	12.4	25	145	0.1	Consol Energy Pipeline Crossing	FO/OP		
ATWS 158	12.5	25	455	0.3	Side Slope	FO		
ATWS 159	12.6	15	180	0.1	Consol Energy Pipeline Crossing	FO		
ATWS 160	12.6	10	200	0.1	Consol Energy Pipeline Crossing	FO		
ATWS 161	12.6	25	350	0.2	Side Slope	FO/OP		
ATWS 162	12.8	25	612	0.4	Side Slope	FO		
ATWS 163	12.9	40	230	0.2	Private Road / Consol Energy Pipeline Crossing	FO/OP		
ATWS 164	12.9	10	245	0.1	Private Road / Consol Energy Pipeline Crossing	FO/OP		
ATWS 165	13.0	50	300	0.3	Private Road & Middle Island Creek HDD	FO/OP	S4ES-TY-244	0.0
ATWS 166	13.0	50	300	0.3	Private Road & Middle Island Creek HDD	FO/OP	S4ES-TY-244 & S2ES-TY-319	0.0
ATWS 167	13.4	50	300	0.3	Private Road & Middle Island Creek HDD	OP/AG		

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		Width	Length					
ATWS 168	13.4	25	300	0.2	Private Road & Middle Island Creek HDD	OP/AG		
ATWS 169	13.6	15	290	0.1	St Hwy 18 Crossing	AG		
ATWS 170	13.6	10	305	0.1	St Hwy 18 Crossing	AG/OP		
ATWS 171	13.6	25	45	0.0	St Hwy 18 / Stream / Wetland Crossing	OP/AG		
ATWS 172	13.7	10	590	0.1	Wetland / Stream / Private Road Crossing	FO/OP		
ATWS 173	13.8	15	1,160	0.4	Wetland / Stream / Private Road Crossing	FO/OP		
ATWS 174	13.9	10	340	0.1	Stream Crossing	FO/OP		
ATWS 175	13.9	15	100	0.0	Stream Crossing	FO		
ATWS 176	14.0	10	100	0.0	Stream Crossing	OP/FO		
ATWS 177	14.1	15	100	0.0	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
ATWS 178	14.1	10	100	0.0	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO	S4ES-TY-114	44.6
ATWS 179	14.1	15	100	0.0	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
ATWS 180	14.1	10	100	0.0	CR 18/8 (Purgatory Run Rd) / Stream Crossing	FO		
ATWS 181	14.2	25	560	0.3	Side Slope	FO		
ATWS 182	14.5	10	220	0.1	Unknown Foreign Pipeline Crossing	OP/FO		
ATWS 183	14.5	15	250	0.1	Unknown Foreign Pipeline Crossing	FO		
ATWS 184	14.7	25	2,260	1.3	Side Slope / Consol Energy Pipelines Crossing	FO		
ATWS 185	15.1	25	1,300	0.8	Side Slope	FO		
ATWS 186	15.2	15	200	0.1	Unknown Foreign Pipeline Crossing	FO		
ATWS 187	15.2	10	200	0.1	Unknown Foreign Pipeline Crossing	OP/FO		
ATWS 188	15.4	25	1,935	1.1	Side Slope / Eureka Hunter Pipeline Crossing	FO/OP		

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		Width	Length					
ATWS 189	15.6	10	400	0.1	Side Slope / Consol Energy / Eureka Hunter Pipelines / Purgatory Run Rd Crossing	FO/OP		
ATWS 190	15.6	15	445	0.2	Side Slope / Consol Energy / Eureka Hunter Pipelines / Purgatory Run Rd Crossing	FO/OP		
ATWS 191	15.7	10	465	0.1	Side Slope / Consol Energy Pipeline / Purgatory Run Rd Crossing	FO		
ATWS 192	15.7	15	480	0.2	Side Slope / Consol Energy Pipeline / Purgatory Run Rd Crossing	FO		
ATWS 193	15.8	10	565	0.1	Side Slope / Stream Crossing	FO		
ATWS 194	15.8	15	380	0.1	Side Slope / Stream Crossing	FO		
ATWS 195	16.0	15	315	0.1	Dominion Pipeline Crossing	FO		
ATWS 196	16.0	10	270	0.1	Dominion Pipeline Crossing	FO		
ATWS 197	16.1	15	115	0.1	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
ATWS 198	16.1	10	115	0.1	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
ATWS 199	16.1	15	150	0.1	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
ATWS 200	16.1	10	150	0.1	CR 30/2 (Davis Run Rd) / Unknown Foreign Pipeline Crossing	FO		
ATWS 201	16.2	10	95	0.0	Stream Crossing	OP/FO		
ATWS 202	16.2	15	105	0.0	Stream Crossing	OP/FO		
ATWS 203	16.2	15	450	0.2	Stream Crossing / Side Slope	FO/OP		
ATWS 204	16.2	10	425	0.1	Stream Crossing / Side Slope	OP/FO		
ATWS 205	16.3	25	80	0.1	Stream Crossing	OP		
ATWS 206	16.4	25	830	0.5	Stream Crossing / Side Slope	OP/FO		
ATWS 207	16.6	15	75	0.0	CR 30/1 (Laugh Run Rd) Crossing	FO	S7H-TY-265	12.8

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		Width	Length					
ATWS 208	16.6	10	155	0.0	CR 30/1 (Laugh Run Rd) Crossing	OP/FO		
ATWS 209	16.7	25	100	0.1	Side Slope	FO		
ATWS 210	17.5	25	4,705	2.7	Side Slope / Texas Keystone Pipeline Crossing	FO/OP		
ATWS 211	18.0	25	1,080	0.6	Side Slope / Texas Keystone Pipeline Crossing	FO/OP		
ATWS 212	18.3	10	95	0.0	Sancho Creek / Texas Keystone Pipeline Crossing	FO		
ATWS 213	18.3	15	100	0.0	Sancho Creek / Texas Keystone Pipeline Crossing	FO/OP		
ATWS 214	18.4	10	425	0.1	CR 7 (Middle Bourne Wick Rd) Crossing	FO/OP		
ATWS 215	18.4	15	400	0.1	CR 7 (Middle Bourne Wick Rd) Crossing	FO/OP		
ATWS 216	18.5	15	190	0.1	Stream Crossing	FO		
ATWS 217	18.5	10	205	0.1	Stream Crossing	FO/OP		
ATWS 218	18.5	15	205	0.1	Stream Crossing	FO		
ATWS 219	18.5	10	165	0.0	Stream Crossing	FO		
ATWS 220	18.7	25	1,040	0.6	Side Slope	FO	S4H-TY-284	42.2
ATWS 221	18.8	15	20	0.0	Sancho Creek Crossing	FO		
ATWS 222	18.8	10	130	0.0	Sancho Creek Crossing	FO		
ATWS 223	19.0	25	345	0.2	Sancho Creek Crossing	FO		
ATWS 224	19.0	10	180	0.0	Sancho Creek Crossing	AG		
ATWS 225	19.5	10	105	0.0	CR 7/10 (Sancho Creek Rd) Crossing	OP		
ATWS 226	19.8	25	3,680	2.1	Side Slope	FO/OP		
ATWS 227	20.3	25	1,025	0.6	Side Slope	FO		
ATWS 228	20.4	15	175	0.1	Unknown Foreign Pipeline Crossing	FO		
ATWS 229	20.4	10	160	0.0	Unknown Foreign Pipeline Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 230	20.5	25	1,085	0.6	Side Slope / Stream Crossing	FO		
ATWS 231	20.7	25	460	0.3	Side Slope / Stream Crossing	FO		
ATWS 232	20.7	15	185	0.1	Eureka Hunter Pipeline Crossing	FO/OP		
ATWS 233	20.7	10	195	0.0	Eureka Hunter Pipeline Crossing	FO/OP		
ATWS 234	20.8	10	100	0.0	Stream Crossing	FO		
ATWS 235	20.8	15	100	0.0	Stream Crossing	FO		
ATWS 236	20.9	10	195	0.0	Stream Crossing	FO		
ATWS 237	20.9	15	170	0.1	Stream Crossing	FO		
ATWS 238	21.0	25	565	0.3	Side Slope	FO		
ATWS 239	21.1	25	100	0.1	Stream Crossing	FO		
ATWS 240	21.2	15	100	0.0	Stream Crossing	FO		
ATWS 241	21.2	10	100	0.0	Stream Crossing	FO		
ATWS 242	21.4	25	1730	1.0	Side Slope	FO		
ATWS 243	21.8	25	1,215	0.7	Side Slope	FO		
ATWS 244	21.9	15	100	0.0	Private Road Crossing	FO		
ATWS 245	21.9	10	125	0.0	Private Road Crossing	AG		
ATWS 246	22.0	10	90	0.0	Wetland Crossing	AG		
ATWS 247	22.1	25	290	0.2	Side Slope	FO/AG		
ATWS 248	22.2	10	100	0.0	Stream Crossing	FO		
ATWS 249	22.2	15	100	0.0	Stream Crossing	FO		
ATWS 250	22.3	25	280	0.2	Stream / CR 10/1 (Martin Hill Rd) Crossing	FO	S2ES-TY-115	28.0
ATWS 251	23.0	10	95	0.0	Stream Crossing	FO		
ATWS 252	23.0	15	100	0.0	Stream Crossing	FO		
ATWS 253	23.0	15	100	0.0	Stream Crossing	FO		
ATWS 254	23.0	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 255	23.2	15	95	0.0	Stream Crossing	FO		
ATWS 256	23.2	10	100	0.0	Stream Crossing	FO		
ATWS 257	23.5	15	130	0.0	Side Slope	FO		
ATWS 258	23.5	10	100	0.0	Side Slope	FO		
ATWS 259	23.5	25	525	0.3	Side Slope	FO		
ATWS 260	23.6	15	100	0.0	Stream Crossing	FO		
ATWS 261	23.6	10	100	0.0	Stream Crossing	FO		
ATWS 262	23.6	10	100	0.0	Stream Crossing	FO/AG		
ATWS 263	23.6	15	95	0.0	Stream Crossing	FO/OP		
ATWS 264	23.7	25	285	0.2	Middle Island Creek HDD	OP/AG	S4H-TY-288	0.0
ATWS 265	23.7	50	310	0.4	Middle Island Creek HDD	OP/AG	S4H-TY-288	0.0
ATWS 266	24.3	50	300	0.3	Middle Island Creek HDD	FO	S7H-TY-270	25.4
ATWS 267	24.3	25	300	0.2	Middle Island Creek HDD	FO	S7H-TY-270	0.0
ATWS 268	25.0	15	355	0.1	Stream Crossing	FO		
ATWS 269	25.0	10	390	0.1	Stream Crossing	FO		
ATWS 270	25.1	10	100	0.0	Stream Crossing	FO		
ATWS 271	25.1	15	100	0.0	Stream Crossing	FO		
ATWS 272	25.2	10	75	0.0	Stream Crossing	FO		
ATWS 273	25.2	15	75	0.0	Stream Crossing	FO		
ATWS 274	25.3	10	200	0.1	Stream Crossing	FO		
ATWS 275	25.3	15	205	0.1	Stream Crossing	FO		
ATWS 276	25.3	10	100	0.0	Stream Crossing	FO		
ATWS 277	25.3	15	220	0.1	Stream Crossing	FO		
ATWS 278	25.4	25	845	0.5	Side Slope	FO		
ATWS 279	25.7	25	865	0.5	Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 280	25.8	25	810	0.5	Side Slope	FO		
ATWS 281	26.0	25	325	0.2	Side Slope	FO		
ATWS 282	26.2	10	100	0.0	Stream Crossing	FO		
ATWS 283	26.2	15	100	0.0	Stream Crossing	FO		
ATWS 284	26.2	10	185	0.0	Stream Crossing	OP		
ATWS 285	26.7	25	2,300	1.3	Side Slope	FO	S5ES-TY-127	15.8
ATWS 286	26.9	10	100	0.0	Hope Gas Pipeline / Wetland / Stream Crossing	FO		
ATWS 287	26.9	15	120	0.0	Hope Gas Pipeline / Wetland / Stream Crossing	FO		
ATWS 288	27.0	10	75	0.0	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
ATWS 289	27.0	15	20	0.0	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
ATWS 290	27.0	10	65	0.0	Wetland / Stream / St Hwy 18 (Tyler Hwy) Crossing	OP		
ATWS 291	27.0	15	85	0.0	St Hwy 18 (Tyler Hwy) Crossing	OP/FO		
ATWS 292	27.6	25	1,620	0.9	Side Slope	FO		
ATWS 293	27.8	15	100	0.0	Natural Drainage Crossing	FO		
ATWS 294	27.8	10	165	0.0	Natural Drainage Crossing	FO		
ATWS 295	27.8	15	190	0.1	Natural Drainage Crossing	FO/OP		
ATWS 296	27.8	10	150	0.0	Natural Drainage Crossing	OP/FO		
ATWS 297	28.0	25	1,595	0.9	Side Slope / Unknown Foreign Pipeline Crossing	FO		
ATWS 298	28.5	25	300	0.2	Topsoil Segregation	FO		
ATWS 299	28.6	10	115	0.0	CR 1/2 (Porter Hill Dr) Crossing	OP/AG/FO		
ATWS 300	28.6	10	115	0.0	CR 1/2 (Porter Hill Dr) Crossing	OP/AG/FO		
ATWS 301	28.6	25	125	0.1	Topsoil Segregation	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 302	28.7	15	105	0.0	Stream / Unknown Foreign Pipeline Crossing	FO		
ATWS 303	28.7	10	100	0.0	Stream / Unknown Foreign Pipeline Crossing	OP/FO		
ATWS 304	28.8	15	105	0.0	Stream Crossing	FO		
ATWS 305	28.8	10	85	0.0	Stream Crossing	FO		
ATWS 306	28.8	25	495	0.3	Side Slope	FO		
ATWS 307	28.9	15	215	0.1	Unknown Foreign Pipelines Crossing	FO/OP		
ATWS 308	28.9	10	215	0.1	Unknown Foreign Pipelines Crossing	FO/OP		
ATWS 309	29.0	25	1,075	0.6	Side Slope	FO		
ATWS 310	29.2	10	100	0.0	Streams Crossing	FO		
ATWS 311	29.3	15	65	0.0	Streams Crossing	FO		
ATWS 312	29.3	15	90	0.0	Stream Crossing	FO		
ATWS 313	29.3	10	85	0.0	Stream Crossing	FO		
ATWS 314	29.5	25	140	0.1	Side Slope	FO		
ATWS 315	29.5	10	100	0.0	CR 1/3 (Starkey Ridge Rd) / Waterline Crossing	FO/OP		
ATWS 316	29.5	15	100	0.0	CR 1/3 (Starkey Ridge Rd) / Waterline Crossing	FO		
ATWS 317	29.6	15	100	0.0	Stream Crossing	FO		
ATWS 318	29.6	10	100	0.0	Stream Crossing	FO		
ATWS 319	29.6	15	90	0.0	Stream Crossing	FO		
ATWS 320	29.6	10	100	0.0	Stream Crossing	FO		
ATWS 321	29.9	25	1,225	0.7	Side Slope	FO		
ATWS 322	30.0	15	95	0.0	Wetland / Stream Crossing	FO		
ATWS 323	30.0	10	100	0.0	Wetland / Stream Crossing	FO		
ATWS 324	30.0	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 325	30.0	10	100	0.0	Wetland / Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 326	30.3	25	950	0.6	Side Slope	FO		
ATWS 327	30.5	10	100	0.0	Stream Crossing	FO		
ATWS 328	30.5	15	100	0.0	Stream Crossing	FO		
ATWS 329	30.6	15	10	0.0	CR 1 (Buck Run Rd) Crossing	OP		
ATWS 330	30.6	10	15	0.0	CR 1 (Buck Run Rd) Crossing	OP		
ATWS 331	30.7	15	1,095	0.4	Side Slope / CR 1 (Buck Run Rd) Crossing	FO/OP		
ATWS 332	30.7	10	1,215	0.3	Side Slope / CR 1 (Buck Run Rd) Crossing	FO/OP		
ATWS 333	30.9	15	300	0.1	Streams / Unknown Foreign Pipeline Crossing	FO/OP		
ATWS 334	30.9	10	250	0.1	Streams / Unknown Foreign Pipeline Crossing	FO		
ATWS 335	31.1	25	705	0.4	Side Slope	FO		
ATWS 336	31.3	10	100	0.0	Stream Crossing	FO/OP		
ATWS 337	31.3	15	80	0.0	Stream Crossing	FO		
ATWS 338	31.3	10	70	0.0	CR 1/6 (Slider Run Rd) Crossing	FO		
ATWS 339	31.3	15	70	0.1	CR 1/6 (Slider Run Rd) Crossing	FO		
ATWS 340	31.3	10	190	0.0	CR 1/6 (Slider Run Rd) Crossing	FO		
ATWS 341	31.4	15	125	0.0	CR 1/6 (Slider Run Rd) Crossing	FO		
ATWS 342	31.6	25	1,680	1.0	Side Slope	FO		
ATWS 343	31.7	15	420	0.1	Unknown Foreign Pipeline Crossing	FO/OP		
ATWS 344	31.7	10	505	0.1	Unknown Foreign Pipeline Crossing	FO/OP		
ATWS 345	31.9	25	1,775	1.0	Side Slope	FO		
<u>Tyler and Wetzel Counties, West Virginia</u>								
ATWS 346	32.2	10	300	0.1	CR 1/4 (Gable Rd) Crossing / Side Slope	FO/OP		
ATWS 347	32.2	15	300	0.1	CR 1/4 (Gable Rd) Crossing / Side Slope	FO/OP		
<u>Wetzel County, West Virginia</u>								

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 348	32.4	15	1,025	0.4	Side Slope	FO/OP		
ATWS 349	32.4	10	1,165	0.3	Side Slope	FO/AG		
ATWS 350	32.6	10	520	0.1	Side Slope	FO		
ATWS 351	32.6	15	630	0.2	Side Slope	FO		
ATWS 352	33.3	25	4,380	2.5	Side Slope	FO/OP/AG		
ATWS 353	33.6	10	325	0.1	Dutch Run Rd Crossing / Side Slope	FO/OP		
ATWS 354	33.6	15	350	0.1	Dutch Run Rd Crossing / Side Slope	FO/OP		
ATWS 355	33.7	10	255	0.1	Dutch Run Rd Crossing / Side Slope	FO/OP		
ATWS 356	33.7	15	215	0.1	Dutch Run Rd Crossing / Side Slope	FO/OP		
ATWS 357	33.8	50	320	0.4	Ohio River HDD	FO/AG		
ATWS 358	33.8	25	430	0.3	Ohio River HDD	FO/AG		
<u>Monroe County, Ohio</u>								
ATWS 359	35.0	50	300	0.3	Ohio River HDD	FO/OP		
ATWS 360	35.4	10	250	0.1	Side Slope	FO/OP		
ATWS 361	35.6	25	1,570	0.9	Side Slope	FO		
ATWS 362	35.7	10	100	0.0	TWP 496 Crossing	FO/OP		
ATWS 363	35.7	15	45	0.0	TWP 496 Crossing	FO/OP		
ATWS 364	35.7	10	100	0.0	TWP 496 Crossing	FO/OP		
ATWS 365	35.7	15	150	0.0	TWP 496 Crossing	FO/OP		
ATWS 366	36.0	25	2,130	1.2	Side Slope	FO/OP		
ATWS 367	36.2	25	340	0.2	Side Slope	FO		
ATWS 368	36.3	10	80	0.0	Stream Crossing	FO		
ATWS 369	36.3	15	100	0.0	Stream Crossing	FO		
ATWS 370	36.4	15	100	0.0	Stream Crossing	FO/OP		
ATWS 371	36.4	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 372	36.5	15	140	0.1	Eureka Hunter Pipeline Crossing	FO		
ATWS 373	36.5	10	140	0.0	Eureka Hunter Pipeline Crossing	FO/OP		
ATWS 374	36.6	15	230	0.1	Stream Crossing	FO		
ATWS 375	36.6	10	230	0.1	Stream Crossing	FO		
ATWS 376	36.6	10	100	0.0	Stream Crossing	FO		
ATWS 377	36.6	15	100	0.0	Stream Crossing	FO		
ATWS 378	36.8	25	1,955	1.1	Side Slope	FO/AG		
ATWS 379	37.1	15	45	0.0	CR 10 (Benwood Rd) Crossing	AG/FO		
ATWS 380	37.1	10	100	0.0	CR 10 (Benwood Rd) Crossing	AG/FO		
ATWS 381	37.1	15	300	0.1	Stream / CR 10 (Benwood Rd) Crossing	FO		
ATWS 382	37.1	10	275	0.1	Stream / CR 10 (Benwood Rd) Crossing	FO/AG		
ATWS 383	37.2	10	100	0.0	Stream Crossing	FO		
ATWS 384	37.2	15	100	0.0	Stream Crossing	FO		
ATWS 385	37.2	25	365	0.2	Side Slope	FO		
ATWS 386	37.3	25	135	0.1	Eureka Hunter Pipeline Crossing	FO		
ATWS 387	37.3	15	395	0.1	Wetland / Eureka Hunter Pipeline Crossing	FO		
ATWS 388	37.3	10	340	0.1	Wetland / Eureka Hunter Pipeline Crossing	FO		
ATWS 389	37.4	25	90	0.1	Stream / Wetlands Crossing	OP/FO		
ATWS 390	37.4	15	100	0.0	Wetland / TWP 490 (Brey Hollow Road) Crossing	OP/FO	W4H-MO-276	0.0
ATWS 391	37.4	10	180	0.0	Wetland / TWP 490 (Brey Hollow Road) Crossing	OP/FO	W4H-MO-276	0.0
ATWS 392	37.4	15	60	0.0	TWP 490 (Brey Hollow Road) Crossing	OP/FO		
ATWS 393	37.5	15	230	0.1	TWP 490 (Brey Hollow Road) / Eureka Hunter Pipeline Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 394	37.5	10	45	0.0	TWP 490 (Brey Hollow Road) / Eureka Hunter Pipeline Crossing	FO		
ATWS 395	37.5	10	220	0.1	TWP 490 (Brey Hollow Road) / Eureka Hunter Pipeline Crossing	FO/OP		
ATWS 396	37.6	25	1,585	0.9	Side Slope	FO		
ATWS 397	37.8	15	445	0.2	Side Slope / TWP 493 (Mt. Olive Rd) Crossing	FO		
ATWS 398	37.8	10	475	0.1	Side Slope / TWP 493 (Mt. Olive Rd) Crossing	FO		
ATWS 399	37.9	15	120	0.0	TWP 493 (Mt. Olive Rd) / Stream Crossing	FO		
ATWS 400	37.9	10	100	0.0	TWP 493 (Mt. Olive Rd) / Stream Crossing	FO		
ATWS 401	38.0	25	825	0.5	Side Slope	FO		
ATWS 402	38.1	10	60	0.0	Streams Crossing	FO		
ATWS 403	38.1	15	125	0.0	Streams Crossing	FO		
ATWS 404	38.2	10	195	0.0	Streams Crossing	FO		
ATWS 405	38.2	15	90	0.0	Streams Crossing	FO		
ATWS 406	38.3	25	1,230	0.7	Side Slope	FO/AG		
ATWS 407	38.6	25	800	0.5	Side Slope	FO		
ATWS 408	38.6	15	75	0.0	Stream Crossing	FO		
ATWS 409	38.6	10	100	0.0	Stream Crossing	FO		
ATWS 410	38.7	10	100	0.0	Stream Crossing	FO		
ATWS 411	38.7	15	65	0.0	Stream Crossing	FO		
ATWS 412	38.9	25	1,665	1.0	Side Slope	FO		
ATWS 413	39.1	10	135	0.0	TWP 480 (Lengacher Road) / Stream Crossing	FO		
ATWS 414	39.1	15	150	0.1	TWP 480 (Lengacher Road) / Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 415	39.2	10	100	0.0	TWP 480 (Lengacher Road) / Stream Crossing	FO		
ATWS 416	39.9	25	5,260	3.0	Side Slope	FO		
ATWS 417	40.3	15	60	0.0	Stream Crossing	FO		
ATWS 418	40.3	10	60	0.0	Stream Crossing	FO		
ATWS 419	40.4	15	100	0.0	Stream Crossing	FO		
ATWS 420	40.4	10	100	0.0	Stream Crossing	FO/AG		
ATWS 421	40.5	25	545	0.3	Side Slope	FO		
ATWS 422	41.0	25	1,050	0.6	Side Slope	FO/OP		
ATWS 423	41.1	10	130	0.0	Unknown Foreign Pipeline Crossing	FO		
ATWS 424	41.1	15	245	0.1	Unknown Foreign Pipeline Crossing	FO		
ATWS 425	41.1	10	110	0.0	TWP 476 (Pea Vine Ridge Rd)	FO		
ATWS 426	41.1	15	100	0.0	TWP 476 (Pea Vine Ridge Rd)	FO		
ATWS 427	41.2	10	175	0.1	TWP 476 (Pea Vine Ridge Rd) / Benwood Rd Crossing	FO		
ATWS 428	41.2	15	225	0.1	TWP 476 (Pea Vine Ridge Rd) / Benwood Rd Crossing	FO		
ATWS 429	41.3	10	130	0.0	Stream Crossing	FO		
ATWS 430	41.3	15	225	0.1	Stream Crossing	FO		
ATWS 431	41.4	25	1,195	0.7	Side Slope	FO		
ATWS 432	41.5	25	140	0.1	Side Slope	FO		
ATWS 433	41.8	25	745	0.4	Side Slope	FO/OP		
ATWS 434	41.9	25	135	0.1	Side Slope	FO		
ATWS 435	42.1	15	100	0.0	Stream / Wetland Crossing	FO		
ATWS 436	42.1	10	100	0.0	Stream / Wetland Crossing	FO		
ATWS 437	42.1	10	75	0.0	Wetland / CR 10A (Griffith Road) Crossing	FO/OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 438	42.1	15	75	0.0	Wetland / CR 10A (Griffith Road) Crossing	FO/OP		
ATWS 439	42.1	10	165	0.0	Wetland / CR 10A (Griffith Road) Crossing	FO/OP		
ATWS 440	42.1	15	165	0.1	Wetland / CR 10A (Griffith Road) Crossing	FO/OP		
ATWS 441	42.3	25	1,220	0.7	Side Slope	FO		
ATWS 442	42.5	25	630	0.4	Side Slope	FO/OP		
ATWS 443	42.6	25	680	0.4	Side Slope	FO		
ATWS 444	42.8	15	100	0.0	Stream Crossing	FO		
ATWS 445	42.8	10	100	0.0	Stream Crossing	FO		
ATWS 446	42.9	15	100	0.0	Stream Crossing	FO		
ATWS 447	42.9	10	95	0.0	Stream Crossing	FO		
ATWS 448	43.3	25	3,475	2.0	Side Slope	FO		
ATWS 449	43.7	15	100	0.0	Stream Crossing	FO		
ATWS 450	43.7	10	100	0.0	Stream Crossing	FO		
ATWS 451	43.7	15	180	0.1	Stream Crossing	FO		
ATWS 452	43.7	10	155	0.0	Stream Crossing	FO		
ATWS 453	44.2	10	320	0.1	Dominion Pipeline Crossing	AG/FO		
ATWS 454	44.2	15	250	0.1	Dominion Pipeline Crossing	FO		
ATWS 455	44.3	10	100	0.0	Natural Drainage Crossing	FO		
ATWS 456	44.3	15	100	0.0	Natural Drainage Crossing	FO		
ATWS 457	44.4	15	120	0.0	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
ATWS 458	44.4	10	135	0.0	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
ATWS 459	44.4	15	240	0.1	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
ATWS 460	44.4	10	220	0.0	TWP 358 (Cranesnest Creek Rd) Crossing	FO/AG		
ATWS 461	44.5	25	585	0.3	Side Slope	FO		
ATWS 462	45.5	25	595	0.3	Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 463	45.7	10	100	0.0	Stream Crossing	FO		
ATWS 464	45.7	15	100	0.0	Stream Crossing	FO		
ATWS 465	45.7	10	95	0.0	Stream Crossing	FO		
ATWS 466	45.7	15	100	0.0	Stream Crossing	FO		
ATWS 467	45.9	25	540	0.3	Side Slope	FO		
ATWS 468	45.9	15	60	0.0	TWP 8 / Stream / Wetland Crossing	FO		
ATWS 469	45.9	10	60	0.0	TWP 8 / Stream / Wetland Crossing	FO		
ATWS 470	46.0	15	90	0.0	TWP 8 / Stream / Wetland Crossing	FO		
ATWS 471	46.0	10	75	0.0	TWP 8 / Stream / Wetland Crossing	FO		
ATWS 472	46.1	25	730	0.4	Side Slope	FO		
ATWS 473	46.5	25	1,130	0.7	Side Slope	FO/AG		
ATWS 474	46.8	10	60	0.0	Stream / Wetland / St Hwy 78 Crossing	OP		
ATWS 475	46.8	15	80	0.0	Stream / Wetland / St Hwy 78 Crossing	OP		
ATWS 476	46.8	15	115	0.1	Stream / Wetland / St Hwy 78 Crossing	FO/OP		
ATWS 477	46.8	10	105	0.0	Stream / Wetland / St Hwy 78 Crossing	FO/OP		
ATWS 478	46.9	25	695	0.4	Side Slope	FO		
ATWS 479	47.0	15	90	0.0	Stream Crossing	FO		
ATWS 480	47.0	15	140	0.1	Stream Crossing	FO		
ATWS 481	47.1	15	70	0.0	Stream Crossing	FO		
ATWS 482	47.1	15	100	0.0	Stream Crossing	FO		
ATWS 483	47.1	25	215	0.1	Stream Crossing	FO		
ATWS 484	47.2	25	600	0.3	Topsoil Segregation	FO		
ATWS 485	47.4	10	225	0.1	Wetland / Stream Crossing	FO		
ATWS 486	47.4	15	225	0.1	Wetland / Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 487	47.5	25	75	0.0	CR 6 (Altitude Miller Hill Rd) Crossing	OP	W4H-MO-271 & S4H-MO-270	8.1 & 0.0
ATWS 488	47.5	10	215	0.1	CR 6 (Altitude Miller Hill Rd) Crossing	FO		
ATWS 489	47.5	15	205	0.1	CR 6 (Altitude Miller Hill Rd) Crossing	FO		
ATWS 490	47.8	25	910	0.5	Side Slope	FO		
ATWS 491	48.1	25	320	0.2	Stream Crossing	FO		
ATWS 492	48.3	25	455	0.3	Stream Crossing	FO		
ATWS 493	48.4	10	100	0.0	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
ATWS 494	48.4	15	100	0.0	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
ATWS 495	48.4	10	100	0.0	CR 6 (Altitude Miller Hill Rd) / Stream Crossing	FO		
ATWS 496	48.5	10	105	0.0	Stream Crossing	FO		
ATWS 497	48.5	25	280	0.2	Side Slope	FO		
ATWS 498	48.6	10	75	0.0	Sunfish Creek Crossing	FO		
ATWS 499	48.6	15	110	0.0	Sunfish Creek Crossing	FO		
ATWS 500	48.7	10	50	0.0	CR 29 (Sunfish Creek Rd) Crossing	FO		
ATWS 501	48.7	15	100	0.0	CR 29 (Sunfish Creek Rd) Crossing	FO		
ATWS 502	48.7	10	210	0.1	CR 29 (Sunfish Creek Rd) Crossing	FO/OP		
ATWS 503	48.7	15	160	0.1	CR 29 (Sunfish Creek Rd) Crossing	FO/OP		
ATWS 504	49.0	15	220	0.1	Blue Racer Midstream Pipeline Crossing	FO		
ATWS 505	49.0	10	220	0.1	Blue Racer Midstream Pipeline Crossing	FO		
ATWS 506	49.6	10	130	0.0	Wetland Crossing	OP		
ATWS 507	50.0	10	345	0.1	Streams Crossing	FO/OP		
ATWS 508	50.0	15	365	0.1	Streams Crossing	FO/OP		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 509	50.1	10	100	0.0	Stream Crossing	FO		
ATWS 510	50.1	15	95	0.0	Stream Crossing	FO		
ATWS 511	50.2	15	200	0.1	Blue Racer Midstream Pipeline Crossing	FO		
ATWS 512	50.2	10	200	0.1	Blue Racer Midstream Pipeline Crossing	FO		
ATWS 513	51.0	15	105	0.0	Piney Fork Stream Crossing	FO		
ATWS 514	51.0	10	100	0.0	Piney Fork Stream Crossing	FO		
ATWS 515	51.1	10	370	0.1	Piney Fork Stream Crossing / Side Slope	FO		
ATWS 516	51.1	15	435	0.2	Piney Fork Stream Crossing / Side Slope	FO		
ATWS 517	51.7	15	250	0.1	Unknown Foreign Pipelines Crossing	FO/OP		
ATWS 518	51.7	10	250	0.1	Unknown Foreign Pipelines Crossing	FO/OP		
ATWS 519	52.0	25	665	0.4	Side Slope	FO	S9H-MO-136	38.5
ATWS 520	52.0	15	105	0.0	Stream Crossing	FO		
ATWS 521	52.0	10	100	0.0	Stream Crossing	FO		
ATWS 522	52.1	10	100	0.0	Stream Crossing	FO		
ATWS 523	52.1	15	100	0.0	Stream Crossing	FO		
Sherwood Lateral Extra Workspaces Subtotal				92.1				
CGT Lateral								
<u>Doddridge County, West Virginia</u>								
ATWS 524	0.1	25	455	0.3	Side Slope	FO/OP		
ATWS 525	0.1	10	200	0.1	ECP Pipeline Crossing	FO		
ATWS 526	0.1	15	195	0.1	ECP Pipeline Crossing	FO		
ATWS 527	0.2	25	105	0.1	Dominion / ECP Pipeline Crossing	FO		
ATWS 528	0.2	10	200	0.1	Dominion Pipeline Crossing	FO		
ATWS 529	0.2	15	200	0.1	Dominion Pipeline Crossing	FO		
ATWS 530	0.3	25	380	0.2	Dominion Pipeline Crossing / Side Slope	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 531	0.5	25	2,165	1.2	Side Slope	FO		
ATWS 532	0.8	10	405	0.1	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
ATWS 533	0.8	15	305	0.1	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
ATWS 534	0.9	25	1,125	0.7	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing / Side Slope	FO/OP		
ATWS 535	1.0	10	120	0.0	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	FO/OP		
ATWS 536	1.0	15	120	0.0	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
ATWS 537	1.1	25	660	0.4	Side Slope	OP/FO		
ATWS 538	1.2	15	230	0.1	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
ATWS 539	1.2	10	220	0.1	Antero Resources/ Summit Midstream/ Mark West Liberty Pipeline Crossing	OP		
ATWS 540	1.7	25	4,455	2.6	Dominion Pipeline Crossing / Side Slope	FO		
ATWS 541	2.1	10	240	0.1	Summit Midstream/ Mark West Liberty/ Foreign Pipeline Crossing	FO		
ATWS 542	2.1	15	200	0.1	Summit Midstream/ Mark West Liberty/ Foreign Pipeline Crossing	FO		
ATWS 543	2.4	25	3,240	1.9	Side Slope	FO/OP		
ATWS 544	2.7	10	155	0.0	Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
ATWS 545	2.7	15	130	0.0	Summit Midstream/ Mark West Liberty Pipeline Crossing	FO		
ATWS 546	2.9	25	1,795	1.0	Side Slope	FO/OP		
ATWS 547	3.3	25	3,280	1.9	Side Slope	FO/AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 548	3.9	25	1,845	1.1	Side Slope	FO/OP		
ATWS 549	4.1	25	260	0.2	Summit Midstream Pipeline Crossing	FO		
ATWS 550	4.2	15	100	0.0	Side Slope	FO		
ATWS 551	4.2	15	100	0.0	Summit Midstream Pipeline Crossing	FO		
ATWS 552	4.3	25	1,635	0.9	Side Slope	FO/OP		
ATWS 553	4.5	10	245	0.1	Summit Midstream Pipeline Crossing	FO/AG		
ATWS 554	4.5	15	220	0.1	Summit Midstream Pipeline Crossing	AG		
ATWS 555	4.6	25	995	0.6	Side Slope / Stream Crossing	FO/OP		
ATWS 556	4.9	25	2,080	1.2	Stream Crossing / Side Slope	FO/OP		
ATWS 557	5.2	25	655	0.4	Side Slope / Exco Resources Pipeline Crossing	FO		
ATWS 558	5.3	15	100	0.0	Energy Transfer Pipeline Crossing	FO/OP		
ATWS 559	5.3	10	100	0.0	Energy Transfer Pipeline Crossing	FO/OP		
ATWS 560	5.4	25	595	0.3	Side Slope / Exco Resources Pipeline Crossing	FO/OP		
ATWS 561	5.4	10	160	0.1	CR 3 (Doddridge) / Energy Transfer Pipeline Crossing	OP		
ATWS 562	5.5	10	65	0.0	US Hwy 3 / Energy Transfer Pipeline Crossing	OP		
ATWS 563	5.5	10	105	0.0	Energy Transfer Pipeline Crossing	OP		
ATWS 564	5.6	25	800	0.5	CR 3 / 7 (Flint Rd) / Energy Transfer Pipeline Crossing / Side Slope	FO/OP		
ATWS 565	5.7	10	80	0.0	CR 3 / 7 (Flint Rd) / Energy Transfer Pipeline Crossing	OP		
CGT Lateral Extra Workspace Subtotal				16.4				
Berne Lateral								
<u>Monroe County, Ohio</u>								

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 566	0.0	25	185	0.1	Swayze Rd Crossing	OP		
ATWS 567	0.1	25	260	0.1	Swayze Rd Crossing	OP		
ATWS 568	0.3	25	2,005	1.2	Side Slope / Wetlands / Stream Crossing	FO		
ATWS 569	0.6	25	370	0.2	Wetlands / Stream Crossing	OP	WB4H-MO-655	37.2
ATWS 570	0.5	25	3,305	1.9	Side Slope / Wetlands / Mark West Pipeline Crossing	FO		
ATWS 571	0.9	25	1,900	1.1	TWP 234 Crossing / Side Slope	FO		
ATWS 572	1.3	25	255	0.2	St Hwy 78 Crossing	FO/OP		
ATWS 573	1.4	25	370	0.2	St Hwy 78 / Stream Crossing	AG/FO/OP	S3ES-MO-238	0.0
ATWS 574	1.5	25	175	0.1	Stream / Wetland Crossing	FO		
ATWS 575	1.6	25	720	0.4	Stream Crossing / Side Slope	FO		
ATWS 576	1.7	25	395	0.2	Blue Racer Midstream Pipeline Crossing / Side Slope	FO		
ATWS 577	1.8	25	705	0.4	Stream Crossing / Side Slope	FO/OP		
ATWS 578	1.9	25	285	0.2	Stream Crossing	FO		
ATWS 579	2.0	25	105	0.1	Stream Crossing	FO		
<u>Monroe and Noble Counties, Ohio</u>								
ATWS 580	2.1	25	515	0.3	TWP 203 (Cemetery Rd) / Bishop Run Waterbody Crossing / Side Slope	FO/OP	S7H-NO-434	49.2
<u>Noble County, Ohio</u>								
ATWS 581	2.1	25	155	0.1	TWP 203 (Cemetery Rd) / Bishop Run Waterbody Crossing / Side Slope	FO		
ATWS 582	2.3	25	1,275	0.7	Bishop Run Waterbody Crossing / Side Slope	FO		
ATWS 583	2.6	15	1,015	0.4	Side Slope	FO		
ATWS 584	3.0	25	300	0.2	Texas Eastern Pipelines Crossing	OP	W7H-NO-424	23.1
ATWS 585	3.1	20	495	0.2	SR 513 Crossing / Topsoil Segregation	FO/AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 586	3.2	15	580	0.2	Stream Crossing / Side Slope	FO/OP		
ATWS 587	3.3	15	160	0.1	Stream Crossing	FO		
ATWS 588	3.4	15	205	0.1	Stream Crossing	FO/AG		
ATWS 589	3.5	15	115	0.0	Glady Rd Crossing	OP/FO		
ATWS 590	3.6	25	245	0.1	Side Slope	FO/OP		
ATWS 591	3.6	15	115	0.0	Antero Resources Pipeline Crossing	FO/OP		
ATWS 592	3.6	10	165	0.0	Antero Resources Pipeline Crossing	FO/OP		
Berne Lateral Extra Workspaces Subtotal				8.8				
Seneca Lateral								
<u>Noble County, Ohio</u>								
ATWS 593	0.1	10	165	0.0	Atero Resources Pipeline Crossing	FO/OP		
ATWS 594	0.1	15	115	0.0	Atero Resources Pipeline Crossing	FO/OP		
ATWS 595	0.1	25	245	0.1	Side Slope	FO/OP		
ATWS 596	0.2	15	115	0.0	CR 5A (Glady Rd) Crossing	OP/FO		
ATWS 597	0.2	10	115	0.0	CR 5A (Glady Rd) Crossing	OP/FO		
ATWS 598	0.3	15	100	0.0	Stream Crossing	FO/AG		
ATWS 599	0.3	10	100	0.0	Stream Crossing	FO/AG		
ATWS 600	0.3	15	105	0.0	Stream Crossing	FO		
ATWS 601	0.4	15	160	0.1	Stream Crossing	FO		
ATWS 602	0.5	15	565	0.2	Stream Crossing / Side Slope	FO/OP		
ATWS 603	0.6	15	500	0.2	St Hwy 513 (Batesville Rd) Crossing / Side Slope	FO/AG		
ATWS 604	0.7	25	290	0.2	Texas Eastern Transmission Pipeline / St Hwy 513 (Batesville Rd) Crossing	OP	W7H-NO-424	22.6
ATWS 605	1.1	15	1,015	0.4	Stream Crossing / Side Slope	FO		
ATWS 606	1.3	15	70	0.0	Blueracer Pipeline / Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 607	1.4	25	620	0.4	Blueracer Pipeline / Stream Crossing / Side Slope	FO		
<i>Monroe County, Ohio</i>								
ATWS 608	1.5	25	160	0.1	Stream Crossing	FO		
ATWS 609	1.8	25	2,650	1.5	Side Slope	FO/OP		
ATWS 610	2.1	25	80	0.1	State Hwy 78 Crossing	OP		
ATWS 611	2.2	25	165	0.1	State Hwy 78 Crossing	OP/FO		
ATWS 612	2.6	25	2,430	1.4	Side Slope / Stream Crossing	FO		
ATWS 613	2.8	10	100	0.0	Stream Crossing	OP/FO		
ATWS 614	2.9	15	100	0.0	Stream Crossing	FO		
ATWS 615	3.0	25	377	0.2	Side Slope	FO/OP		
ATWS 616	3.2	25	105	0.1	Stream Crossing	FO	S2TB-MO-108	47.5
ATWS 617	3.3	25	385	0.2	Stream Crossing / Side Slope	FO		
ATWS 618	3.5	25	430	0.3	Stream Crossing / Side Slope	FO		
ATWS 619	3.6	25	780	0.5	Stream Crossing / Side Slope	FO/OP		
ATWS 620	3.6	15	140	0.0	State Hwy 78 Crossing	OP/FO		
ATWS 621	3.6	10	115	0.0	State Hwy 78 Crossing	OP/FO		
ATWS 622	3.7	15	20	0.0	State Hwy 78 Crossing	OP/FO		
ATWS 623	3.7	10	20	0.0	State Hwy 78 Crossing	OP		
ATWS 624	4.0	25	1,465	0.8	Stream Crossing / Side Slope	FO		
ATWS 625	4.3	25	465	0.3	Stream Crossing / Side Slope	FO		
ATWS 626	4.6	25	720	0.4	Stream Crossing / Side Slope	FO		
ATWS 627	4.8	25	100	0.1	Stream Crossing	FO		
ATWS 628	4.8	25	40	0.0	TWP Rd 63 Crossing	FO/AG		
ATWS 629	4.8	25	155	0.1	TWP Rd 63 Crossing	FO/AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 630	5.0	25	865	0.5	Side Slope	FO/OP		
ATWS 631	5.2	25	680	0.4	Side Slope / Stream / Wetland Crossing	OP/FO/AG		
ATWS 632	5.3	25	30	0.0	TWP 66 Crossing	OP		
ATWS 633	5.3	25	80	0.1	TWP 66 Crossing	OP		
ATWS 634	5.4	25	200	0.1	Side Slope	FO		
ATWS 635	5.4	25	290	0.2	Side Slope	FO/AG	S1H-MO-160	46.8
ATWS 636	5.5	25	660	0.4	Side Slope	FO		
ATWS 637	5.7	25	45	0.0	Side Slope / TWP 68 Crossing	FO		
ATWS 638	5.7	25	1,245	0.7	Side Slope / Stream / TWP 68 Crossing	FO/AG		
ATWS 639	6.1	25	460	0.3	Side Slope	FO		
ATWS 640	6.3	25	935	0.5	Side Slope / Stream Crossing	FO		
ATWS 641	6.4	25	190	0.1	Stream Crossing / Unknown Foreign Pipeline Crossing	FO		
ATWS 642	6.6	25	245	0.1	Stream Crossing	FO		
ATWS 643	6.6	25	60	0.0	Stream Crossing	FO		
ATWS 644	6.7	25	275	0.2	TWP Rd 55 Crossing	FO/OP		
ATWS 645	6.7	25	25	0.0	TWP Rd 55 Crossing	FO/OP		
ATWS 646	7.0	50	220	0.3	Wetlands / Texas Eastern Transmission Pipeline Crossing	OP		
ATWS 647	7.0	25	180	0.1	Wetlands / TWP 2351 / CR 18 / Stream Crossing	FO/OP		
ATWS 648	7.0	25	455	0.3	Wetlands / TWP 2351 / CR 18 / Stream Crossing	FO/OP		
ATWS 649	7.2	25	105	0.1	TWP Rd 153 (Fantasy Lane) Crossing	FO		
ATWS 650	7.2	25	35	0.0	TWP Rd 153 (Fantasy Lane) Crossing	OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 651	7.3	25	500	0.3	Texas Eastern Transmission Pipeline / Stream / Wetland Crossing	OP		
ATWS 652	7.4	25	100	0.1	Stream / Wetland Crossing	FO		
ATWS 653	7.6	25	455	0.3	Side Slope	FO		
ATWS 654	7.8	25	1,310	0.8	Side Slope	FO/OP	S1TB-MO-140	29.8
ATWS 655	9.1	25	585	0.3	Stream / Wetland Crossing	FO		
ATWS 656	9.2	25	155	0.1	Wetland Crossing	FO		
ATWS 657	9.3	25	25	0.0	St Hwy 145 / Unknown Foreign Pipeline Crossing / Side Slope	OP		
ATWS 658	9.3	25	610	0.4	St Hwy 145 / Unknown Foreign Pipeline Crossing / Side Slope	FO/OP		
ATWS 659	9.4	25	155	0.1	Stream Crossing	FO/OP		
ATWS 660	9.5	25	45	0.0	Stream Crossing	FO		
ATWS 661	9.7	25	150	0.1	Stream Crossing	FO		
ATWS 662	9.8	25	250	0.1	Stream Crossing	FO/OP		
ATWS 663	10.0	25	280	0.2	Stream Crossing	OP/FO		
ATWS 664	10.5	25	210	0.1	Side Slope	FO		
ATWS 665	10.7	25	100	0.1	Stream Crossing	FO		
ATWS 666	10.7	25	100	0.1	Stream Crossing	FO		
ATWS 667	10.8	25	205	0.1	Streams Crossing	FO	S4H-MO-205	48.3
ATWS 668	10.9	25	355	0.2	Streams Crossing	FO	S4H-MO-208	45.6
ATWS 669	11.0	25	100	0.1	Stream Crossing	FO		
ATWS 670	11.2	25	110	0.1	CR 2 (Miltonsburg-Calais Rd) Crossing	OP		
ATWS 671	12.5	15	225	0.1	TWP Rd 81 Crossing	FO/OP		
ATWS 672	12.5	10	50	0.0	TWP Rd 81 Crossing	FO/OP		
ATWS 673	12.5	10	85	0.0	Stream / TWP Rd 81 Crossing / Side Slope	FO/OP		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 674	12.5	15	115	0.0	TWP Rd 81 Crossing	FO/OP		
ATWS 675	12.5	25	135	0.1	Stream Crossing	FO		
ATWS 676	12.7	25	825	0.5	Side Slope / Streams Crossing	FO		
ATWS 677	12.8	25	90	0.1	Stream Crossing	FO		
ATWS 678	12.9	25	200	0.1	Stream Crossing	FO		
ATWS 679	13.1	25	840	0.5	Stream Crossing / Side Slope	FO		
ATWS 680	13.3	25	340	0.2	Side Slope / CR 27 (Moore Ridge Rd) Crossing	FO/OP		
ATWS 681	13.4	25	230	0.1	Stream Crossing	FO		
ATWS 682	13.5	25	100	0.1	Stream Crossing	FO		
ATWS 683	13.5	25	100	0.1	Natural Drainage Crossing	FO		
ATWS 684	13.7	25	555	0.3	Stream Crossing / Side Slope	FO		
ATWS 685	13.9	25	1,040	0.6	Stream Crossing / Side Slope	FO		
ATWS 686	14.1	25	295	0.2	Stream Crossing / Side Slope	FO		
ATWS 687	14.2	25	225	0.1	Stream Crossing	FO	S2TB-MO-124	48.3
ATWS 688	14.5	25	100	0.1	Stream Crossing	FO		
ATWS 689	14.8	25	100	0.1	Stream Crossing	FO/AG		
ATWS 690	15.1	25	500	0.3	Wetland / Stream Crossing	FO		
ATWS 691	15.3	25	505	0.3	Stream Crossing / Side Slope	FO		
ATWS 692	15.4	25	445	0.3	Stream Crossing / Side Slope	FO/AG		
ATWS 693	15.5	25	100	0.1	Side Slope	FO/AG		
ATWS 694	15.6	25	665	0.4	Side Slope	FO	S1TB-MO-147	30.7
ATWS 695	15.9	25	1,005	0.6	Side Slope	FO		
ATWS 696	16.1	25	100	0.1	Stream Crossing	FO		
ATWS 697	16.1	25	245	0.1	CR 1 (Kings Hwy) / Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 698	16.3	25	730	0.4	Side Slope	FO		
ATWS 699	16.4	25	350	0.2	Streams / Wetland Crossing	FO/OP	S2TB-MO-132	48.4
ATWS 700	17.0	25	990	0.6	Side Slope / Stream Crossing	FO	S1TB-MO-164	40.5
ATWS 701	17.2	25	230	0.1	Side Slope / Stream Crossing	FO		
ATWS 702	17.8	25	430	0.3	Stream / Wetland Crossing	FO/OP		
ATWS 703	18.7	25	10	0.0	CR 31 (Mellott Ridge Rd) / Stream Crossing / Side Slope	OP		
ATWS 704	18.7	25	625	0.4	CR 31 (Mellott Ridge Rd) / Stream Crossing / Side Slope	FO/OP	S1TB-MO-170	49.6
ATWS 705	19.0	25	850	0.5	Stream / Side Slope	FO/OP		
ATWS 706	19.0	25	150	0.1	Texas Eastern Transmission Pipeline Crossing	FO		
ATWS 707	19.0	50	160	0.2	Texas Eastern Transmission Pipeline Crossing	FO/OP		
ATWS 708	19.1	25	1,000	0.6	Side Slope / Stream Crossing	FO		
ATWS 709	19.5	25	1,950	1.1	Side Slope / Stream Crossing	FO/OP		
ATWS 710	19.7	25	315	0.2	Stream / Texas Eastern Transmission Pipeline Crossing	FO/OP		
ATWS 711	19.9	25	1,830	1.1	Side Slope / Texas Eastern Transmission Pipeline Crossing	OP/FO		
ATWS 712	19.9	25	150	0.1	Texas Eastern Transmission Pipeline Crossing	FO/OP		
ATWS 713	20.2	25	575	0.3	Side Slope / Private Road / Stream Crossing	FO/OP		
ATWS 714	20.4	25	270	0.2	Stream / CR 38 (Headley Ridge Rd) Crossing	FO		
ATWS 715	20.6	25	1,485	0.9	Side Slope / Stream Crossing	FO		
ATWS 716	20.8	25	315	0.2	Side Slope / Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 717	20.9	25	425	0.2	Texas Eastern Transmission Pipeline Crossing	FO/OP		
ATWS 718	20.9	25	220	0.1	Texas Eastern Transmission Pipeline Crossing	FO/OP		
ATWS 719	21.0	25	605	0.4	Side Slope / Stream Crossing	FO		
ATWS 720	21.2	25	1,105	0.6	Side Slope / Stream Crossing	FO		
ATWS 721	21.4	25	200	0.1	Stream Crossing	FO		
ATWS 722	21.5	25	645	0.4	Side Slope	FO		
ATWS 723	21.7	25	315	0.2	TWP Rd 185 (Brock Ridge Rd) Crossing / Side Slope	FO/OP		
ATWS 724	21.8	25	95	0.0	TWP Rd 2192 Crossing	OP		
ATWS 725	21.8	25	640	0.3	TWP Rd 2192 Crossing / Side Slope	FO/OP		
ATWS 726	22.1	25	190	0.1	Stream Crossing	FO/OP	S7H-MO-446	47.0
ATWS 727	22.3	25	630	0.4	Side Slope / Stream Crossing	FO		
ATWS 728	22.5	25	560	0.3	Side Slope / Stream Crossing	FO		
ATWS 729	22.6	25	600	0.3	Side Slope	FO/OP		
ATWS 730	23.0	25	120	0.1	CR 64 (Cain Ridge Rd) Crossing	FO		
ATWS 731	23.0	25	185	0.1	CR 64 (Cain Ridge Rd) Crossing	FO/OP		
ATWS 732	23.2	10	140	0.0	Stream Crossing	OP		
ATWS 733	23.2	15	180	0.1	Stream Crossing	OP/AG		
ATWS 734	23.7	25	785	0.5	Side Slope / Stream Crossing	FO		
ATWS 735	23.8	25	290	0.2	Side Slope / Stream Crossing	FO		
ATWS 736	24.0	25	100	0.1	Stream / Wetland Crossing	FO		
ATWS 737	24.1	25	115	0.1	Stream / Wetland Crossing	FO		
ATWS 738	24.2	25	210	0.1	Stream Crossing	FO		
ATWS 739	25.0	25	200	0.1	Stream Crossing	OP/FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 740	25.5	25	285	0.2	Stream Crossing	FO		
Seneca Lateral Extra Workspaces Subtotal				32.8				
Clarrington Lateral								
<u>Monroe County, Ohio</u>								
ATWS 741	0.2	25	100	0.1	German Ridge Rd Crossing	OP/AG		
ATWS 742	0.2	25	380	0.2	Stream Crossing	FO		
ATWS 743	0.9	25	640	0.4	Side Slope	FO		
<u>Monroe and Belmont Counties, Ohio</u>								
ATWS 744	1.5	25	1,240	0.7	Side Slope	FO		
<u>Belmont County, Ohio</u>								
ATWS 745	1.6	15	405	0.1	Stream Crossing	FO/OP		
ATWS 746	1.6	10	300	0.1	Stream Crossing	FO		
ATWS 747	1.7	10	100	0.0	Stream Crossing	FO		
ATWS 748	1.7	15	100	0.0	Stream Crossing	FO		
ATWS 749	2.0	25	3,055	1.8	Side Slope / Stream Crossing	FO/OP		
ATWS 750	2.6	25	2,480	1.4	Side Slope / Stream Crossing	FO/OP		
ATWS 751	3.0	25	770	0.4	Side Slope	FO/OP		
ATWS 752	3.5	15	115	0.1	CR 5 (Clover Ridge Road) Crossing	FO/OP		
ATWS 753	3.5	10	125	0.0	CR 5 (Clover Ridge Road) Crossing	FO/OP		
ATWS 754	3.5	10	100	0.0	Stream Crossing	FO	S4ES-BE-204	36.7
ATWS 755	3.6	15	100	0.0	Stream Crossing	FO		
ATWS 756	3.6	15	145	0.1	Stream Crossing	FO		
ATWS 757	3.7	10	100	0.0	Stream Crossing	FO		
ATWS 758	3.7	25	640	0.4	Wetland Crossing / Side Slope	FO		
ATWS 759	3.8	25	330	0.2	Wetland Crossing / Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 760	3.9	25	440	0.3	Stream Crossing	FO		
ATWS 761	4.0	10	305	0.1	East Brown Peavine Creek / CR 106 Crossing	FO		
ATWS 762	4.0	15	290	0.0	East Brown Peavine Creek / CR 106 Crossing	FO		
ATWS 763	4.1	10	55	0.0	East Brown Peavine Creek / CR 106 Crossing	FO		
ATWS 764	4.1	15	70	0.0	East Brown Peavine Creek / CR 106 Crossing	FO		
ATWS 765	4.1	10	335	0.1	East Brown Peavine Creek / CR 106 Crossing	FO		
ATWS 766	4.1	15	270	0.1	East Brown Peavine Creek / CR 106 Crossing	FO	S4ES-BE-201	42.3
ATWS 767	4.4	25	2,760	1.6	Side Slope	FO	S4ES-BE-201	38.3
ATWS 768	4.7	10	210	0.1	Unknown Rd Crossing	FO		
ATWS 769	4.7	15	210	0.1	Unknown Rd Crossing	FO		
ATWS 770	4.8	25	260	0.2	Private Road Crossing	FO		
ATWS 771	4.8	15	100	0.0	Stream Crossing	FO		
ATWS 772	4.8	10	130	0.0	Stream Crossing	FO	S1ES-BE-215	47.9
ATWS 773	4.9	15	470	0.2	Gilkeson Rd Crossing	FO		
ATWS 774	4.9	10	375	0.1	Gilkeson Rd Crossing	FO		
ATWS 775	5.0	25	320	0.2	Side Slope			
ATWS 776	5.4	25	3,950	2.3	Side Slope	FO		
ATWS 777	6.0	50	300	0.3	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO		
ATWS 778	6.0	25	300	0.2	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO		
ATWS 779	6.3	50	245	0.3	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO/OP		
ATWS 780	6.4	25	300	0.2	St Hwy 148 (E. Captina-Steinersville Rd) HDD	FO/OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 781	6.4	55	1,980	2.5	St Hwy 148 (E. Captina-Steinersville Rd) HDD	OP/FO/AG		
ATWS 782	7.1	25	2,410	1.4	Side Slope	FO		
ATWS 783	7.4	25	905	0.5	Side Slope	FO		
ATWS 784	7.6	25	140	0.1	Stream Crossing / Side Slope	FO	S3ES-BE-179 & S3ES-BE-176	27.7 & 12.5
ATWS 785	7.7	25	345	0.2	Stream / Wetland Crossing / Side Slope	FO		
ATWS 786	7.7	25	80	0.1	Wetland / Stream Crossing	FO		
ATWS 787	7.8	25	225	0.1	Stream Crossing / Side Slope	FO		
ATWS 788	8.1	25	600	0.3	Side Slope	FO/OP		
ATWS 789	8.2	25	180	0.1	Stream Crossing	FO	S2ES-BE-205	30.2
ATWS 790	8.4	25	505	0.3	Stream Crossing	FO/OP		
ATWS 791	8.5	25	120	0.1	Stream Crossing	FO		
ATWS 792	8.7	25	195	0.1	Private Road Crossing / Side Slope	FO/OP		
ATWS 793	8.7	10	100	0.0	Stream Crossing	FO		
ATWS 794	8.7	15	100	0.0	Stream Crossing	FO		
ATWS 795	8.7	25	90	0.1	Stream Crossing / Side Slope	FO		
ATWS 796	8.8	10	155	0.0	Stream Crossing	FO		
ATWS 797	8.8	15	100	0.0	Stream Crossing	FO		
ATWS 798	8.8	25	465	0.3	Side Slope	FO		
ATWS 799	8.9	25	105	0.1	Stream Crossing	FO		
ATWS 800	8.9	10	100	0.0	Stream Crossing	FO		
ATWS 801	8.9	15	130	0.0	Stream Crossing	FO		
ATWS 802	8.9	10	100	0.0	Stream Crossing	FO		
ATWS 803	9.0	25	320	0.2	Side Slope	FO		
ATWS 804	9.2	15	155	0.1	Columbia Gas Pipeline Crossing	FO/AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 805	9.5	25	300	0.2	Stream Crossing / Side Slope	FO/OP		
ATWS 806	9.6	25	345	0.2	CR 237 Crossing	FO/AG		
ATWS 807	9.8	15	300	0.1	Stream Crossing	FO/OP	S4H-BE-361	29.7
ATWS 808	9.8	10	300	0.1	Stream Crossing	FO/OP		
ATWS 809	9.8	15	200	0.1	Stream Crossing	FO		
ATWS 810	9.8	10	195	0.0	Stream Crossing	FO		
ATWS 811	10.0	10	200	0.1	Stream Crossing	FO		
ATWS 812	10.0	15	200	0.1	Stream Crossing	FO		
ATWS 813	10.1	10	175	0.0	Stream Crossing	FO/AG		
ATWS 814	10.1	15	135	0.1	Stream Crossing	FO/AG		
ATWS 815	11.0	10	100	0.0	Stream Crossing	FO/OP		
ATWS 816	11.0	15	100	0.0	Stream Crossing	FO		
ATWS 817	11.0	15	120	0.1	Scatterday Rd Crossing	FO		
ATWS 818	11.0	15	100	0.1	Scatterday Rd Crossing	FO		
ATWS 819	11.0	15	100	0.1	Scatterday Rd Crossing	FO		
ATWS 820	11.0	15	60	0.0	Scatterday Rd Crossing	FO		
ATWS 821	11.3	25	230	0.1	Side Slope	FO		
ATWS 822	11.5	25	275	0.2	Williams Creek Crossing	FO		
ATWS 823	11.7	25	295	0.2	OK Rd Crossing	FO/OP		
ATWS 824	12.1	25	2,870	1.7	Side Slope	FO/AG		
ATWS 825	13.1	25	395	0.2	Dominion Pipeline Crossing	FO/AG		
ATWS 826	13.2	25	185	0.1	Dominion Pipeline Crossing	AG		
ATWS 827	13.3	25	335	0.2	OK Rd Crossing	FO		
ATWS 828	13.3	25	140	0.1	OK Rd Crossing	FO		
ATWS 829	13.8	25	340	0.2	Dominion Pipeline Crossing	FO/OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 830	13.9	25	260	0.2	Dominion Pipeline Crossing	FO/OP		
ATWS 831	14.1	25	285	0.2	Stream Crossing	FO/OP		
ATWS 832	14.2	25	205	0.1	Stream Crossing	FO		
ATWS 833	14.4	25	350	0.2	Stream Crossing	FO/OP		
ATWS 834	15.0	25	3,145	1.8	Side Slope	FO		
ATWS 835	15.3	25	345	0.2	East Ohio Gas Pipelines Crossing	OP		
ATWS 836	15.3	50	145	0.2	East Ohio Gas Pipelines Crossing	FO/OP		
ATWS 837	15.4	25	375	0.2	East Ohio Gas Pipelines Crossing	FO/OP		
ATWS 838	15.4	50	315	0.4	East Ohio Gas Pipelines Crossing	FO/OP		
ATWS 839	15.6	25	185	0.1	Stream Crossing	FO		
ATWS 840	15.7	25	350	0.2	Stream Crossing	FO		
ATWS 841	15.9	25	215	0.1	US Hwy 149 Crossing	FO/OP		
ATWS 842	15.9	25	60	0.0	US Hwy 149 Crossing	OP		
ATWS 843	16.3	25	110	0.1	Stream Crossing	FO/OP		
ATWS 844	16.4	25	50	0.0	Stream Crossing	FO/OP		
ATWS 845	16.7	25	515	0.3	Side Slope / East Ohio Gas / Blue Racer Pipeline Crossing	FO/AG		
ATWS 846	16.8	25	410	0.2	Side Slope / East Ohio Gas / Blue Racer Pipeline Crossing	FO/AG		
ATWS 847	16.9	50	135	0.2	East Ohio Gas / Blue Racer Pipeline Crossing	AG		
ATWS 848	16.9	25	205	0.1	East Ohio Gas / Blue Racer Pipeline Crossing	AG		
ATWS 849	17.1	25	140	0.1	CR 82 Crossing	AG/FO		
ATWS 850	17.1	25	70	0.0	CR 82 Crossing	FO		
ATWS 851	17.3	25	485	0.3	Side Slope	FO		
ATWS 852	17.6	25	365	0.2	Stream Crossing / Side Slope	FO		
ATWS 853	17.7	25	320	0.2	Stream Crossing / Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 854	17.8	25	405	0.2	Columbia Gas Pipeline Crossing	OP/FO		
ATWS 855	18.2	50	275	0.3	False ROW - I-70 HDD Crossing	OP		
ATWS 856	18.2	60	285	0.4	Crossover	FO/OP		
ATWS 857	18.3	25	100	0.1	Stream Crossing	FO		
ATWS 858	18.4	50	300	0.3	Interstate 70 HDD	AG/FO		
ATWS 859	18.5	25	130	0.1	Interstate 70 HDD	FO/OP		
ATWS 860	18.9	75	300	0.5	Interstate 70 HDD	AG		
ATWS 861	19.2	25	280	0.2	Stream / Wetland Crossing	FO/OP		
ATWS 862	19.5	25	570	0.3	Stream / Wetland Crossing	OP/FO		
ATWS 863	19.6	25	230	0.1	East Ohio Gas / Blue Racer Midstream Pipeline Crossing	OP		
ATWS 864	19.6	25	275	0.2	East Ohio Gas / Blue Racer Midstream Pipeline Crossing	OP		
ATWS 865	19.9	25	910	0.5	Lloyds Ville-Bannock Rd Crossing / Side Slope	OP/FO		
ATWS 866	20.1	25	395	0.2	Saffell Rd Crossing / Side Slope	FO		
ATWS 867	20.2	25	330	0.2	East Ohio Gas Pipelines Crossing	OP		
ATWS 868	20.3	25	870	0.5	East Ohio Gas Pipeline Crossing / Side Slope	FO		
ATWS 869	20.4	25	90	0.1	Wetland Crossing	FO		
ATWS 870	20.5	25	85	0.1	Wetland Crossing	FO		
ATWS 871	20.8	25	500	0.3	Side Slope	FO		
ATWS 872	20.9	25	115	0.1	TWP Hwy 334 Crossing (Lodge Hill Rd) / Side Slope	FO		
ATWS 873	21.0	25	175	0.1	TWP Hwy 334 Crossing (Lodge Hill Rd) / Side Slope	FO		
ATWS 874	21.3	25	1,080	0.6	OK Rd Crossing	FO/OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 875	21.8	25	155	0.1	Reduced ROW Around Structure	AG		
ATWS 876	22.4	25	355	0.2	East Ohio Gas Pipeline Crossing	FO/AG		
ATWS 877	22.5	25	145	0.1	East Ohio Gas Pipeline Crossing	FO		
ATWS 878	22.5	25	230	0.1	East Ohio Gas Pipeline Crossing	AG/FO		
ATWS 879	22.7	25	675	0.4	CR 393 (Gas Station Shippey Rd) / East Ohio Gas Pipeline Crossing / Side Slope	AG		
ATWS 880	23.6	10	115	0.0	St Hwy 331 (St Clairsville St.) Crossing	AG		
ATWS 881	25.1	15	270	0.1	Brammer Engineering Pipeline Crossing	FO/OP		
ATWS 882	25.1	10	185	0.0	Brammer Engineering Pipeline Crossing	FO/OP		
ATWS 883	25.5	25	40	0.0	State Highway 149 Crossing	OP		
ATWS 884	25.5	25	40	0.0	State Highway 149 Crossing	OP		
ATWS 885	25.6	25	165	0.1	State Highway 149 Crossing	FO		
ATWS 886	25.6	25	175	0.1	State Highway 149 Crossing	FO		
<u>Harrison County, Ohio</u>								
ATWS 887	27.6	25	185	0.1	CR 29 (Cadiz Flushing Road) Crossing	FO		
ATWS 888	27.7	26	115	0.1	Natural Drainage	FO		
ATWS 889	28.4	15	100	0.0	State Highway 519 Crossing	FO/OP		
ATWS 890	28.4	10	100	0.0	State Highway 519 Crossing	FO/OP		
ATWS 891	28.4	15	100	0.0	State Highway 519 Crossing	FO/OP		
ATWS 892	28.4	10	100	0.0	State Highway 519 Crossing	FO/OP		
ATWS 893	28.5	15	100	0.0	Stream Crossing	OP		
ATWS 894	28.5	10	100	0.0	Stream Crossing	OP		
ATWS 895	28.6	10	100	0.0	Stream Crossing	FO		
ATWS 896	28.6	10	100	0.0	Stream Crossing	FO		
ATWS 897	28.9	25	610	0.4	Stream Crossing / Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 898	29.3	25	175	0.1	CR 267 (TWP Slater Road) Crossing / Crossover	AG/OP		
ATWS 899	29.8	25	470	0.3	CR 264 / Wetland Crossing	OP/AG/FO		
ATWS 900	30.1	25	220	0.1	Crossover	OP		
ATWS 901	30.2	25	1,410	0.8	Private Road / Wetlands Crossing / Side Slope	FO/OP		
ATWS 902	30.5	25	880	0.5	Wetlands Crossing / Side Slope	FO		
ATWS 903	30.7	25	200	0.1	Side Slope	FO		
ATWS 904	31.6	25	350	0.2	Side Slope	FO/OP		
ATWS 905	31.7	25	750	0.4	Side Slope	FO/OP		
ATWS 906	31.8	25	100	0.1	Mark West Utica Pipeline Crossing	FO/OP		
ATWS 907	31.9	25	100	0.1	Mark West Utica Pipeline Crossing	FO/OP		
ATWS 908	32.0	25	725	0.4	Mark West Utica Pipeline Crossing / Side Slope	FO/OP		
ATWS 909	32.0	15	190	0.1	Wetland / Stream Crossing	FO		
ATWS 910	32.0	10	240	0.1	Wetland / Stream Crossing	FO		
ATWS 911	32.7	25	730	0.4	Side Slope	FO		
Clarington Lateral Extra Workspaces Subtotal				39.3				
Majorsville Lateral								
<u>Marshall County, West Virginia</u>								
ATWS 912	0.2	25	165	0.1	Side Slope	FO		
ATWS 913	0.2	15	410	0.2	Stream / Foreign Pipeline Crossing	FO		
ATWS 914	0.2	10	415	0.1	Stream / Foreign Pipeline Crossing	FO		
ATWS 915	0.3	15	410	0.1	Stream / Foreign Pipeline Crossing	FO		
ATWS 916	0.4	25	1,260	0.7	Side Slope / Stream Crossing	FO		
ATWS 917	0.6	25	365	0.2	Side Slope / Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 918	0.6	10	320	0.1	Columbia Gas Transmission Pipeline Crossing / Side Slope	FO		
ATWS 919	0.6	15	275	0.1	Columbia Gas Transmission Pipeline Crossing / Side Slope	FO		
ATWS 920	0.8	15	300	0.1	Stream Crossing	FO		
ATWS 921	0.9	15	300	0.1	Stream Crossing	FO		
ATWS 922	0.9	10	300	0.1	Stream Crossing	FO		
ATWS 923	1.1	25	765	0.4	Side Slope	FO/OP		
ATWS 924	1.4	15	170	0.1	Waterbody / Wetlands Crossing	FO		
ATWS 925	1.4	10	150	0.0	Waterbody / Wetlands Crossing	FO		
ATWS 926	1.5	25	665	0.4	Side Slope	FO/OP		
ATWS 927	1.7	10	155	0.0	Consol Energy Pipeline / Private Road Crossing	FO		
ATWS 928	1.7	15	155	0.1	Consol Energy Pipeline / Private Road Crossing	FO		
ATWS 929	1.7	25	185	0.1	Stream Crossing / Side Slope	FO		
ATWS 930	1.8	25	85	0.1	Stream Crossing / Side Slope	FO		
ATWS 931	1.9	25	2,300	1.3	Stream Crossing / Side Slope	FO		
ATWS 932	2.8	15	2,340	0.8	Wheeling Creek Crossing / Side Slope	FO		
ATWS 933	2.8	10	2,280	0.5	Wheeling Creek Crossing / Side Slope	FO		
ATWS 934	3.1	10	100	0.0	Stream Crossing	FO		
ATWS 935	3.1	15	100	0.0	Stream Crossing	FO		
ATWS 936	3.2	25	920	0.5	Side Slope	FO		
ATWS 937	3.2	10	100	0.0	Stream Crossing	FO	S1ES-MA-179	29.1
ATWS 938	3.3	15	110	0.0	Stream Crossing	FO	S1ES-MA-179	34.4
ATWS 939	3.3	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 940	3.3	15	100	0.0	Stream Crossing	FO		
ATWS 941	3.4	25	650	0.4	Side Slope	FO		
ATWS 942	3.5	15	100	0.0	Stream Crossing	FO		
ATWS 943	3.5	10	100	0.0	Stream Crossing	FO/AG		
ATWS 944	3.5	15	400	0.1	CR 46 (Irish Ridge Road) Crossing	FO		
ATWS 945	3.5	10	345	0.1	CR 46 (Irish Ridge Road) Crossing	FO		
ATWS 946	3.9	10	100	0.0	Stream Crossing	FO		
ATWS 947	3.9	15	100	0.0	Stream Crossing	FO		
ATWS 948	4.0	25	125	0.1	CR 7/3 (Lower Stull Road) / Stull Run Crossing	FO/OP	S4H-MA-338 & S4H-MA-336	47.7 & 9.6
ATWS 949	4.1	15	935	0.3	Side Slope / Stull Run Crossing	FO		
ATWS 950	4.2	10	1,540	0.4	Side Slope / Stull Run Crossing	FO/OP		
ATWS 951	4.3	25	210	0.1	Private Road Crossing / Side Slope	FO		
ATWS 952	4.4	15	100	0.0	Stream Crossing	FO		
ATWS 953	4.4	10	225	0.1	Stream Crossing / Side Slope	FO		
ATWS 954	4.4	15	90	0.0	Stream Crossing	FO		
ATWS 955	4.4	10	65	0.0	Stream Crossing	FO/OP		
ATWS 956	4.6	25	745	0.4	Side Slope	FO		
ATWS 957	4.7	15	355	0.1	Unknown Foreign Pipeline / Stream Crossing	FO/OP		
ATWS 958	4.7	10	360	0.1	Unknown Foreign Pipeline / Stream Crossing	FO/OP		
ATWS 959	4.8	15	110	0.0	Stream Crossing	FO		
ATWS 960	4.8	10	100	0.0	Stream Crossing	FO		
ATWS 961	4.9	25	285	0.2	Side Slope	FO		
ATWS 962	5.2	10	100	0.0	Stream Crossing	FO		
ATWS 963	5.2	15	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 964	5.3	15	200	0.1	Stream Crossing	FO		
ATWS 965	5.3	10	185	0.0	Stream Crossing	FO		
ATWS 966	5.3	25	450	0.3	Side Slope	FO/AG		
ATWS 967	5.6	15	150	0.1	Stream / Wetland Crossing	FO		
ATWS 968	5.6	10	100	0.0	Stream / Wetland Crossing	FO		
ATWS 969	5.7	10	100	0.0	Stream / Wetland Crossing	FO		
ATWS 970	5.9	25	505	0.3	Side Slope	FO/AG		
ATWS 971	6.2	25	940	0.5	Side Slope	FO/AG		
ATWS 972	6.2	15	35	0.0	Stream Crossing	FO		
ATWS 973	6.3	10	150	0.0	Stream Crossing	FO		
ATWS 974	6.3	10	100	0.0	Stream / Wetland Crossing	FO		
ATWS 975	6.5	25	495	0.3	Side Slope	FO		
ATWS 976	6.6	15	335	0.1	Stream Crossing / Side Slope	FO		
ATWS 977	6.6	10	335	0.1	Stream Crossing / Side Slope	FO		
ATWS 978	6.7	15	100	0.0	Stream Crossing	FO		
ATWS 979	6.7	10	100	0.0	Stream Crossing	FO		
ATWS 980	6.8	25	410	0.2	Side Slope	FO		
ATWS 981	7.2	25	765	0.4	SR 88 Crossing / Side Slope	FO/OP		
ATWS 982	7.4	25	310	0.2	Side Slope / Stream Crossing	FO		
ATWS 983	7.5	15	155	0.1	Stream Crossing	FO		
ATWS 984	7.5	15	80	0.0	Stream Crossing	FO		
ATWS 985	7.7	25	2,560	1.5	Side Slope	FO/OP		
ATWS 986	8.0	10	75	0.0	Stream Crossing	FO		
ATWS 987	8.0	15	185	0.1	Stream Crossing	FO		
ATWS 988	8.0	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 989	8.1	25	605	0.4	Side Slope	FO		
ATWS 990	8.1	15	90	0.0	Stream Crossing	FO		
ATWS 991	8.1	10	100	0.0	Stream Crossing	FO		
ATWS 992	8.2	15	125	0.0	Stream Crossing	FO		
ATWS 993	8.2	10	100	0.0	Stream Crossing	FO		
ATWS 994	8.3	25	1,320	0.8	Side Slope	FO		
ATWS 995	8.5	25	405	0.2	Stream / Little Grave Creek Crossing	FO		
ATWS 996	8.6	15	100	0.0	Stream / Little Grave Creek Crossing	FO		
ATWS 997	8.6	10	100	0.0	Stream / Little Grave Creek Crossing	FO		
ATWS 998	8.8	25	100	0.1	Side Slope	FO/OP		
ATWS 999	8.8	10	100	0.0	Stream Crossing	FO		
ATWS 1000	8.8	15	120	0.0	Stream Crossing	FO		
ATWS 1001	9.0	25	185	0.1	Side Slope	FO		
ATWS 1002	9.0	10	100	0.0	Stream Crossing	FO		
ATWS 1003	9.1	10	100	0.0	Stream Crossing	FO		
ATWS 1004	9.1	15	100	0.0	Stream Crossing	FO		
ATWS 1005	9.1	25	265	0.2	Side Slope	FO		
ATWS 1006	9.2	10	115	0.0	Stream Crossing	FO		
ATWS 1007	9.2	15	220	0.1	Stream Crossing	FO		
ATWS 1008	9.3	10	685	0.2	Stream Crossing / Side Slope	FO	S7H-MA-379	43.5
ATWS 1009	9.3	15	725	0.3	Stream Crossing / Side Slope	FO		
ATWS 1010	9.5	25	1,600	0.9	Side Slope / Stream / TWP 10 (Little Grave Creek Rd) Crossing	FO		
ATWS 1011	9.8	10	775	0.2	Side Slope / Stream / TWP 10 (Little Grave Creek Rd) Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1012	9.8	15	725	0.3	Side Slope / Stream / TWP 10 (Little Grave Creek Rd) Crossing	FO		
ATWS 1013	10.0	25	945	0.5	Side Slope	FO/OP		
ATWS 1014	10.2	25	320	0.2	Side Slope	FO/OP		
ATWS 1015	10.2	10	70	0.0	Stream Crossing	FO		
ATWS 1016	10.3	15	100	0.0	Stream Crossing	FO		
ATWS 1017	10.3	10	95	0.0	Stream Crossing	FO		
ATWS 1018	10.3	25	345	0.2	Side Slope	FO		
ATWS 1019	10.4	10	100	0.0	Stream Crossing	FO		
ATWS 1020	10.4	15	100	0.0	Stream Crossing	FO		
ATWS 1021	10.4	10	100	0.0	Stream Crossing	FO		
ATWS 1022	10.4	15	95	0.0	Stream Crossing	FO		
ATWS 1023	10.5	25	120	0.1	Stream Crossing	FO/OP		
ATWS 1024	10.6	10	135	0.0	Stream Crossing	FO/AG		
ATWS 1025	10.8	25	125	0.1	Side Slope	FO/AG		
ATWS 1026	10.8	15	125	0.0	SR 86 (Grandview Rd) Crossing	FO		
ATWS 1027	10.8	10	185	0.0	SR 86 (Grandview Rd) Crossing	FO		
ATWS 1028	10.9	15	230	0.1	SR 86 (Grandview Rd) Crossing	FO		
ATWS 1029	10.9	10	135	0.0	SR 86 (Grandview Rd) Crossing	FO		
ATWS 1030	10.9	25	50	0.0	Side Slope	AG		
ATWS 1031	11.1	25	630	0.4	Side Slope	FO		
ATWS 1032	11.2	10	180	0.0	Columbia Gas Transmission Pipeline Crossing	FO		
ATWS 1033	11.2	15	235	0.1	Columbia Gas Transmission Pipeline Crossing	FO		
ATWS 1034	11.2	25	65	0.0	Stream Crossing	OP/FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1035	11.3	10	100	0.0	Stream Crossing / Side Slope	FO		
ATWS 1036	11.3	15	130	0.0	Stream Crossing / Side Slope	FO/OP		
ATWS 1037	11.3	25	295	0.2	Stream Crossing / Side Slope	FO		
ATWS 1038	11.4	25	60	0.0	Stream Crossing	FO		
ATWS 1039	11.4	10	360	0.1	CR 8/1 (23rd St) Crossing	FO		
ATWS 1040	11.4	15	310	0.1	CR 8/1 (23rd St) Crossing	FO/OP		
ATWS 1041	11.5	10	145	0.0	Stream Crossing	FO		
ATWS 1042	11.5	15	100	0.0	Stream Crossing	FO		
ATWS 1043	11.5	25	160	0.1	Stream Crossing	11.53		
ATWS 1044	11.7	25	890	0.5	Side Slope	FO		
ATWS 1045	11.8	25	115	0.1	Side Slope	FO		
ATWS 1046	11.8	10	145	0.0	SR 2 / CSX Railroad Crossing	FO		
ATWS 1047	11.8	15	170	0.1	SR 2 / CSX Railroad Crossing	FO		
ATWS 1048	11.9	25	95	0.1	SR 2 / CSX Railroad Crossing	FO		
ATWS 1049	11.9	60	300	0.4	Ohio River HDD	OP		
ATWS 1050	11.9	55	300	0.4	Ohio River HDD	OP		
<u>Belmont County, Ohio</u>								
ATWS 1051	12.4	70	260	0.4	Ohio River HDD	FO		
ATWS 1052	12.5	55	300	0.4	Ohio River HDD	FO		
ATWS 1053	12.5	25	85	0.1	Side Slope	FO		
ATWS 1054	12.5	50	1,325	1.5	False Row - Ohio River HDD	FO/OP		
ATWS 1055	12.6	25	995	0.6	Side Slope	FO/OP		
ATWS 1056	12.7	10	90	0.0	Stream Crossing	FO		
ATWS 1057	12.7	15	120	0.0	Stream Crossing	FO		
ATWS 1058	12.7	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1059	12.8	25	370	0.2	W 36th St / Stream Crossing	OP/FO		
ATWS 1060	12.8	15	70	0.0	W 36th St Crossing	FO		
ATWS 1061	12.8	10	105	0.1	W 36th St Crossing	FO		
ATWS 1062	12.8	15	145	0.1	W 36th St Crossing	OP/FO		
ATWS 1063	12.8	10	110	0.0	W 36th St Crossing	FO		
ATWS 1064	12.9	25	830	0.5	Side Slope	FO		
ATWS 1065	13.0	10	290		CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1066	13.0	15	200	0.1	CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1067	13.0	15	50		CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1068	13.1	10	25		CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1069	13.1	25	485	0.3	Side Slope / CR 46 (New Cut Rd) Crossing	FO		
ATWS 1070	13.2	15	270	0.1	Stream Crossing	FO		
ATWS 1071	13.2	10	435	0.1	Stream Crossing	FO		
ATWS 1072	13.3	15	375	0.1	Stream Crossing	FO		
ATWS 1073	13.3	10	205	0.1	Stream Crossing	FO		
ATWS 1074	13.3	10	95	0.0	Stream Crossing	FO		
ATWS 1075	13.6	25	2,215	1.3	Side Slope	FO		
ATWS 1076	14.1	10	195	0.0	Private Road Crossing	FO		
ATWS 1077	14.1	15	200	0.1	Private Road Crossing	FO		
ATWS 1078	14.2	15	100	0.0	Stream Crossing	FO		
ATWS 1079	14.2	10	100	0.0	Stream Crossing	FO		
ATWS 1080	14.3	10	100	0.0	Stream Crossing	FO		
ATWS 1081	14.3	25	80	0.1	Stream Crossing	FO/OP		
ATWS 1082	14.3	25	95	0.1	Stream Crossing	FO		
ATWS 1083	14.4	25	460	0.3	Side Slope / Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1084	14.5	10	210	0.1	Private Road Crossing	FO		
ATWS 1085	14.5	15	165	0.1	Private Road Crossing	FO		
ATWS 1086	14.5	25	475	0.3	Side Slope	FO		
ATWS 1087	14.6	15	100	0.0	Stream Crossing	FO		
ATWS 1088	14.6	10	120	0.0	Stream Crossing	FO		
ATWS 1089	14.6	15	100	0.0	Stream Crossing	FO		
ATWS 1090	14.6	10	95	0.0	Stream Crossing	FO		
ATWS 1091	14.7	25	515	0.3	Side Slope	FO		
ATWS 1092	14.8	15	405	0.1	Private Road / Utility / Stream Crossing	FO/OP		
ATWS 1093	14.8	10	440	0.1	Private Road / Utility / Stream Crossing	FO/OP		
ATWS 1094	14.8	15	120	0.0	Stream Crossing	FO		
ATWS 1095	14.8	10	100	0.0	Stream Crossing	FO		
ATWS 1096	14.9	25	510	0.3	Side Slope	FO/OP		
ATWS 1097	14.9	10	100	0.0	Stream Crossing	FO		
ATWS 1098	14.9	15	100	0.0	Stream Crossing	FO		
ATWS 1099	15.0	25	215	0.1	Stream Crossing	FO		
ATWS 1100	15.0	25	55	0.0	Stream Crossing	FO		
ATWS 1101	15.1	10	485	0.1	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1102	15.1	15	460	0.2	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1103	15.2	10	175	0.0	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP	S4H-BE-297	13.0
ATWS 1104	15.2	15	270	0.1	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1105	15.2	10	880	0.2	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP		
ATWS 1106	15.2	15	855	0.3	Side Slope / CR 46 (New Cut Rd) Crossing	FO/OP	S4H-BE-297	13.2
ATWS 1107	15.4	15	85	0.0	Stream Crossing	FO		
ATWS 1108	15.4	25	270	0.2	Side Slope	FO	S4H-BE-295	27.3

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1109	15.5	15	100	0.0	Stream Crossing	FO	S4H-BE-295	28.4
ATWS 1110	15.5	10	100	0.0	Stream Crossing	FO		
ATWS 1111	15.5	25	295	0.2	Side Slope	FO		
ATWS 1112	15.7	25	1,375	0.8	Side Slope	FO		
ATWS 1113	15.8	15	100	0.0	Stream Crossing	FO		
ATWS 1114	15.8	10	100	0.0	Stream Crossing	FO		
ATWS 1115	15.9	15	135	0.1	Stream Crossing	FO		
ATWS 1116	15.9	10	100	0.0	Stream Crossing	FO		
ATWS 1117	16.1	25	1,640	0.9	Side Slope	FO		
ATWS 1118	16.2	15	130	0.0	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
ATWS 1119	16.2	10	115	0.0	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
ATWS 1120	16.2	10	425	0.1	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
ATWS 1121	16.3	15	320	0.1	TWP 716 (Lashley Hill Rd) / Stream Crossing	FO/OP		
ATWS 1122	16.4	10	420	0.1	Stream Crossing	FO		
ATWS 1123	16.4	15	420	0.1	Stream Crossing	FO		
ATWS 1124	16.5	25	215	0.1	Side Slope	FO		
ATWS 1125	16.5	10	100	0.0	Side Slope	FO		
ATWS 1126	16.5	15	100	0.0	Side Slope	FO		
ATWS 1127	16.6	10	195	0.0	Stream Crossing	FO		
ATWS 1128	16.7	25	500	0.3	Side Slope	FO		
ATWS 1129	17.0	15	495	0.2	Stream Crossing / Side Slope	FO		
ATWS 1130	17.0	10	530	0.1	Stream Crossing / Side Slope	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1131	17.1	10	380	0.1	Stream Crossing / Side Slope	FO		
ATWS 1132	17.1	15	360	0.1	Stream Crossing / Side Slope	FO		
ATWS 1133	17.2	25	305	0.2	Stream Crossing / Side Slope	FO		
ATWS 1134	17.2	10	115	0.0	Wetland / Stream Crossing	FO		
ATWS 1135	17.3	10	100	0.0	Wetland / Stream Crossing	OP	W5ES-BE-145	47.8
ATWS 1136	17.3	25	155	0.1	Side Slope	FO/OP		
ATWS 1137	17.6	10	110	0.0	Stream Crossing	AG/FO	S5ES-BE-146	40.5
ATWS 1138	17.7	15	440	0.2	Private Road / Stream Crossing / Side Slope	OP/FO		
ATWS 1139	17.7	10	420	0.1	Private Road / Stream Crossing / Side Slope	OP/FO		
ATWS 1140	17.8	15	195	0.1	Stream Crossing	FO		
ATWS 1141	17.8	10	200	0.1	Stream Crossing	FO		
ATWS 1142	17.9	10	220	0.1	Stream Crossing	FO		
ATWS 1143	17.9	25	235	0.1	XTO Energy Pipeline / Private Road Crossing	FO/OP		
ATWS 1144	18.1	15	100	0.0	Stream Crossing	FO		
ATWS 1145	18.2	10	120	0.0	Stream Crossing	OP		
ATWS 1146	18.3	15	305	0.1	Side Slope	FO/OP		
ATWS 1147	18.3	10	305	0.1	Side Slope	FO/OP		
ATWS 1148	18.6	25	175	0.1	Stream Crossing	FO		
ATWS 1149	18.7	25	280	0.2	Stream Crossing	FO		
ATWS 1150	18.8	25	390	0.2	Stream / Wetland / Private Road Crossing	FO	W4H-BE-312	38.7
ATWS 1151	18.9	25	180	0.1	Stream / Wetland Crossing	FO		
ATWS 1152	19.1	25	160	0.1	Stream Crossing	FO		
ATWS 1153	19.2	25	140	0.1	Stream Crossing	FO		
ATWS 1154	19.5	25	105	0.1	St Hwy 147 (Key Bellaire Rd) Crossing	OP/FO		
ATWS 1155	19.5	15	100	0.0	Wetlands / Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1156	19.5	10	100	0.0	Wetlands / Stream Crossing	FO		
ATWS 1157	19.6	15	320	0.1	Stream / TWP 290 (Scales Rd) Crossing	FO		
ATWS 1158	19.6	10	150	0.0	Stream / TWP 290 (Scales Rd) Crossing	FO/OP		
ATWS 1159	19.7	10	45	0.0	Stream / TWP 290 (Scales Rd) Crossing	OP		
ATWS 1160	19.7	15	40	0.0	Stream / TWP 290 (Scales Rd) Crossing	FO		
ATWS 1161	19.7	25	325	0.2	Side Slope	FO		
ATWS 1162	19.8	10	100	0.0	Stream Crossing	FO		
ATWS 1163	19.8	15	100	0.0	Stream Crossing	FO		
ATWS 1164	19.8	10	100	0.0	Stream Crossing	FO		
ATWS 1165	19.8	15	100	0.0	Stream Crossing	FO		
ATWS 1166	20.0	25	2100	1.2	Side Slope	FO		
ATWS 1167	20.3	10	260	0.1	Cumberland Run Crossing	FO		
ATWS 1168	20.3	15	310	0.1	Cumberland Run Crossing	FO		
ATWS 1169	20.3	10	55	0.0	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing	FO		
ATWS 1170	20.3	15	20	0.0	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing	FO		
ATWS 1171	20.4	10	495	0.1	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing / Side Slope	FO/OP		
ATWS 1172	20.4	15	415	0.1	Cumberland Run / TWP 289 (Cumberland Run Rd) Crossing / Side Slope	FO/OP		
ATWS 1173	20.5	25	1,010	0.6	Side Slope	FO		
ATWS 1174	20.8	25	195	0.1	Stream Crossing	FO/OP		
ATWS 1175	20.8	25	155	0.1	Stream Crossing	FO		
ATWS 1176	20.9	10	195	0.0	TWP 242 (Mellott Rd) Crossing / Side Slope	FO		
ATWS 1177	20.9	15	280	0.1	TWP 242 (Mellott Rd) Crossing / Side Slope	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1178	21.0	10	100	0.0	TWP 242 (Mellott Rd) / Stream Crossing	FO		
ATWS 1179	21.1	10	195	0.0	Columbia Gas Transmission Pipeline Crossing	FO/OP		
ATWS 1180	21.1	15	230	0.1	Columbia Gas Transmission Pipeline Crossing	FO/OP		
ATWS 1181	21.2	10	100	0.0	Stream Crossing / Side Slope	FO		
ATWS 1182	21.2	15	100	0.0	Stream Crossing / Side Slope	FO		
ATWS 1183	21.3	10	315	0.1	Stream Crossing / Side Slope	FO/OP		
ATWS 1184	21.3	15	535	0.2	Stream / TWP 241 (Clegg Rd) Crossing / Side Slope	FO/OP		
ATWS 1185	21.5	25	430	0.3	Side Slope	FO		
ATWS 1186	21.6	15	70	0.0	Stream Crossing	FO		
ATWS 1187	21.6	10	100	0.0	Stream Crossing	FO		
ATWS 1188	21.7	25	265	0.2	Side Slope	FO		
ATWS 1189	22.0	15	200	0.1	Stream Crossing	FO		
ATWS 1190	22.0	10	200	0.1	Stream Crossing	FO		
ATWS 1191	22.0	10	200	0.1	Stream Crossing	FO		
ATWS 1192	22.1	15	375	0.1	Stream Crossing	FO		
ATWS 1193	22.3	25	1,760	1.0	Side Slope	FO		
ATWS 1194	22.6	15	135	0.0	CR 5 (Glencoe Rd) Crossing	FO/OP		
ATWS 1195	22.6	10	105	0.0	CR 5 (Glencoe Rd) Crossing	FO/OP		
ATWS 1196	22.6	10	305	0.1	CR 5 (Glencoe Rd) / Williams Creek Crossing	FO/OP		
ATWS 1197	22.6	15	370	0.1	CR 5 (Glencoe Rd) / Williams Creek Crossing	FO/OP		
ATWS 1198	22.7	10	155	0.0	Williams Creek Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1199	22.7	15	100	0.0	Williams Creek Crossing	FO		
ATWS 1200	22.7	25	300	0.2	Side Slope	FO		
ATWS 1201	22.9	25	760	0.4	Side Slope	FO		
ATWS 1202	23.0	10	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1203	23.0	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1204	23.2	25	45	0.0	TWP 250 (Coen Road) Crossing	FO		
ATWS 1205	23.2	25	160	0.1	Side Slope / TWP 250 (Coen Road) Crossing	FO/OP		
ATWS 1206	23.3	15	100	0.0	Stream Crossing	FO		
ATWS 1207	23.3	10	100	0.0	Stream Crossing	FO		
ATWS 1208	23.3	10	100	0.0	Stream Crossing	OP/FO		
ATWS 1209	23.4	25	245	0.1	Side Slope	FO		
Majorsville Lateral Extra Workspaces Subtotal				42.4				
Cadiz Lateral								
<u>Harrison County, Ohio</u>								
ATWS 1210	1.2	25	140	0.1	Stream Crossing	FO/OP		
ATWS 1211	1.5	25	90	0.1	Side Slope			
ATWS 1212	1.6	10	310	0.1	Side Slope			
ATWS 1213	1.6	15	100	0.0	Side Slope			
ATWS 1214	2.8	25	220	0.1	TWP Hwy 269 (Kanoski Rd) Crossing	FO		
Cadiz Lateral Extra Workspaces Subtotal				0.4				
Supply Connector A and B								
<u>Harrison County, Ohio</u>								
ATWS 1215	1.2	15	210	0.1	Stream Crossing	OP/FO		
ATWS 1216	1.3	15	150	0.1	Stream Crossing	OP		
ATWS 1217	1.7	15	100	0.1	Lees Run Rd Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1218	1.7	15	115	0.1	Lees Run Rd Crossing	FO		
ATWS 1219	2.8	15	90	0.0	Private Road Crossing	FO/OP		
ATWS 1220	6.4	15	150	0.1	Access Midstream Pipeline Crossing	FO		
ATWS 1221	6.5	15	150	0.1	Access Midstream Pipeline Crossing	FO		
ATWS 1222	7.5	15	110	0.0	CR 22 (Lower Clearfork Road) Crossing	OP/AG	W4ES-HR-223	37.7
ATWS 1223	7.5	15	175	0.1	CR 22 (Lower Clearfork Road) Crossing	OP/AG		
ATWS 1224	8.6	15	135	0.1	Wetland / Stream Crossing	FO		
ATWS 1225	8.6	15	55	0.0	Wetland / Stream Crossing	FO		
ATWS 1226	8.8	15	10	0.0	CR 227 (Lightner Ridge Rd) Crossing	FO		
ATWS 1227	8.8	15	110	0.0	CR 227 (Lightner Ridge Rd) Crossing	FO		
ATWS 1228	9.5	15	310	0.1	Access Midstream Pipeline Crossing	FO		
ATWS 1229	10.2	15	125	0.1	CR 225 (Henderson Road) Crossing	FO		
ATWS 1230	10.2	15	185	0.1	CR 225 (Henderson Road) Crossing	FO		
ATWS 1231	10.3	15	250	0.1	Wetland / Stream Crossing	FO/OP		
ATWS 1232	10.5	15	250	0.1	Wetland / Stream Crossing	FO/OP		
ATWS 1233	11.6	15	55	0.0	CR 360 (Hedgeapple Road) Crossing	FO		
ATWS 1234	11.6	15	65	0.0	CR 360 (Hedgeapple Road) Crossing	FO		
ATWS 1235	11.6	15	60	0.0	Stream Crossing	FO		
ATWS 1236	11.6	15	150	0.1	Wetlands Crossing	FO		
ATWS 1237	12.6	15	200	0.1	CR 25 (Beaver Dam Road) Crossing	FO/OP		
ATWS 1238	12.8	15	200	0.1	CR 25 (Beaver Dam Road) / Wetland Crossing	FO		
ATWS 1239	13.3	15	105	0.0	CR 44 Crossing	FO		
ATWS 1240	13.3	15	105	0.0	CR 44 Crossing	FO/OP		
ATWS 1241	13.5	15	300	0.1	Private Road Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1242	13.7	15	150	0.1	Stream Crossing	FO		
ATWS 1243	13.7	15	100	0.0	Stream Crossing	FO		
ATWS 1244	14.6	15	200	0.1	CR 213 (Willis Run Road) / Stream Crossing	FO		
ATWS 1245	15.2	15	150	0.1	Stream Crossing	AG		
ATWS 1246	15.3	15	150	0.1	Stream Crossing	FO/AG		
ATWS 1247	15.3	15	135	0.0	CR 8 Crossing / Wetland Crossing / Midstream Pipeline Crossing	AG/FO/OP		
ATWS 1248	15.3	15	40	0.0	CR 8 Crossing	OP		
ATWS 1249	15.4	15	225	0.1	Wetland Crossing / Midstream Pipeline Crossing	FO/AG		
ATWS 1250	15.8	15	475	0.2	Dominion / East Ohio Gas Company / Midstream Pipelines Crossing	FO/OP		
ATWS 1251	16.5	50	300	0.3	Highway 151 HDD	FO		
ATWS 1252	16.5	15	300	0.1	Highway 151 HDD	FO		
ATWS 1253	16.8	75	230	0.4	Highway 151 HDD	FO		
ATWS 1254	16.8	80	150	0.3	Highway 151 HDD	FO/OP		
ATWS 1255	17.0	15	430	0.2	Caldwell Rd Crossing	FO		
<u>Carroll County, Ohio</u>								
ATWS 1256	17.4	15	150	0.1	Stream Crossing	FO		
ATWS 1257	17.5	15	150	0.1	Stream Crossing	FO		
ATWS 1258	17.5	15	140	0.1	Cordova Rd / Foreign Pipeline Crossing	FO		
ATWS 1259	17.5	15	130	0.0	Cordova Rd / Foreign Pipeline Crossing	FO		
ATWS 1260	17.9	15	270	0.1	Northeast Ohio Natural Gas Co Pipeline Crossing	FO		
ATWS 1261	18.2	15	225	0.1	Private Rd / Foreign Pipeline Crossing	FO/OP		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1262	18.2	15	390	0.1	Private Rd / East Ohio Gas Company Pipeline / Stream / Wetland Crossing	FO		
ATWS 1263	18.3	15	10	0.0	CR 101 / East Ohio Gas Company Pipeline / Stream / Wetland Crossing	AG/FO	W2ST-CA-150	20.2
ATWS 1264	18.3	15	120	0.1	CR 101 / East Ohio Gas Company Pipeline / Stream / Wetland Crossing	AG/FO	W2ST-CA-150	20.2
Supply Connector A and B Extra Workspaces Subtotal				3.7				
Burgettstown Lateral								
<u>Washington County, Pennsylvania</u>								
ATWS 1265	0.1	15	420	0.1	Side Slope	FO		
ATWS 1266	0.1	10	410	0.1	Side Slope	FO		
ATWS 1267	0.3	15	105	0.0	T 700 (Creek Rd) Crossing	OP/FO		
ATWS 1268	0.3	15	120	0.0	T 700 (Creek Rd) / Wetland Crossing	FO		
ATWS 1269	0.3	15	100	0.0	Creek Crossing	FO		
ATWS 1270	1.1	10	100	0.0	T 329 (Spruce Ln) Crossing	FO/OP		
ATWS 1271	1.1	15	100	0.0	T 329 (Spruce Ln) Crossing	FO/OP		
ATWS 1272	1.2	15	155	0.1	SR 4007 (Bavington Rd) Crossing	FO		
ATWS 1273	1.2	10	255	0.1	SR 4007 (Bavington Rd) Crossing	FO/OP		
ATWS 1274	1.3	15	635	0.2	St Hwy 22 (Willaim Penn Hwy) Crossing / Side Slope	FO/OP		
ATWS 1275	1.3	10	650	0.2	St Hwy 22 (Willaim Penn Hwy) Crossing / Side Slope	FO/OP		
ATWS 1276	1.4	10	140	0.0	St Hwy 22 (Willaim Penn Hwy) Crossing	FO		
ATWS 1277	1.4	15	255	0.1	St Hwy 22 (Willaim Penn Hwy) Crossing	FO		
ATWS 1278	1.8	15	95	0.0	Natural Drainage	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1279	1.8	15	100	0.0	Natural Drainage	FO		
ATWS 1280	2.7	15	205	0.1	Side Slope	FO/OP		
ATWS 1281	2.8	15	95	0.0	Natural Drainage			
ATWS 1282	2.8	15	105	0.0	Natural Drainage			
ATWS 1283	3.3	15	100	0.0	Natural Drainage			
ATWS 1284	3.3	15	95	0.0	Natural Drainage			
ATWS 1285	3.5	15	95	0.0	Shovel Rd Crossing			
ATWS 1286	3.5	15	105	0.0	Shovel Rd Crossing			
ATWS 1287	3.6	15	105	0.0	Private Road Crossing			
ATWS 1288	3.6	15	95	0.0	Private Road Crossing			
ATWS 1289	4.1	15	100	0.0	Steubenville Pike Rd Crossing	FO		
ATWS 1290	4.1	10	100	0.0	Steubenville Pike Rd Crossing	FO/OP		
ATWS 1291	4.1	10	100	0.0	Steubenville Pike Rd Crossing	FO		
ATWS 1292	4.8	25	150	0.1	Stream / Wetland Crossing	FO		
ATWS 1293	4.8	25	150	0.1	Stream / Wetland Crossing	FO		
ATWS 1294	5.2	15	105	0.0	5 Points Rd Crossing	FO/OP		
ATWS 1295	5.2	10	95	0.0	5 Points Rd Crossing	FO/OP		
ATWS 1296	5.2	15	95	0.0	5 Points Rd Crossing			
ATWS 1297	5.3	10	105	0.0	5 Points Rd Crossing			
ATWS 1298	5.5	10	100	0.0	St Hwy 18 / Stream Crossing	FO		
ATWS 1299	5.5	15	100	0.0	St Hwy 18 / Stream Crossing	FO		
ATWS 1300	5.6	10	100	0.0	St Hwy 18 / Stream Crossing	FO		
ATWS 1301	5.6	15	100	0.0	St Hwy 18 / Stream Crossing	FO		
ATWS 1302	6.8	25	100	0.1	Stream Crossing	FO		
ATWS 1303	7.5	25	150	0.1	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1304	7.5	25	150	0.1	Stream Crossing	FO		
ATWS 1305	7.6	25	100	0.1	Stream Crossing	FO		
ATWS 1306	7.8	25	200	0.1	Purdy Rd Crossing	FO		
ATWS 1307	7.8	10	105	0.0	Purdy Rd Crossing	FO		
ATWS 1308	7.9	25	235	0.1	Purdy Rd Crossing	OP		
ATWS 1309	8.1	25	100	0.1	Side Slope	FO		
ATWS 1310	8.2	25	285	0.2	Side Slope	FO		
ATWS 1311	8.2	25	135	0.1	Side Slope	FO		
ATWS 1312	8.8	10	150	0.0	TWP Rd 362 (Rock School Road) Crossing	FO/OP		
ATWS 1313	8.8	15	105	0.0	TWP Rd 362 (Rock School Road) Crossing	FO/OP		
ATWS 1314	8.9	10	150	0.0	Wetland Crossing	FO		
ATWS 1315	8.9	15	120	0.0	Wetland Crossing	FO		
ATWS 1316	8.9	10	75	0.0	Wetland Crossing	OP		
ATWS 1317	9.0	15	105	0.0	Aunt Clara Rd Crossing	FO		
ATWS 1318	9.0	10	100	0.0	Aunt Clara Rd Crossing	FO		
ATWS 1319	9.3	10	100	0.0	Wetland Crossing	FO		
ATWS 1320	9.3	15	100	0.0	Wetland Crossing	FO		
ATWS 1321	9.4	15	50	0.0	Wetland Crossing	FO		
ATWS 1322	9.8	10	95	0.0	Aunt Clara Rd Crossing	FO		
ATWS 1323	9.8	15	100	0.0	Aunt Clara Rd Crossing	OP/FO		
<u>Hancock County, West Virginia</u>								
ATWS 1324	10.5	25	100	0.1	Stream Crossing	FO		
ATWS 1325	10.6	25	100	0.1	Stream Crossing	FO		
ATWS 1326	11.1	15	100	0.0	Stream Crossing	FO		
ATWS 1327	11.1	10	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1328	11.2	25	150	0.1	Waterbody Crossing	FO		
ATWS 1329	11.2	10	85	0.0	Wetland Crossing	OP/FO		
ATWS 1330	11.3	25	100	0.1	Stream Crossing	FO		
ATWS 1331	11.8	25	100	0.1	Stream Crossing	FO		
ATWS 1332	11.9	25	145	0.1	Stream Crossing	FO		
ATWS 1333	12.6	15	95	0.0	Winding Ridge Rd Crossing	FO		
ATWS 1334	12.6	10	95	0.0	Winding Ridge Rd Crossing	FO		
ATWS 1335	12.6	10	100	0.0	Powerline Crossing	FO		
ATWS 1336	12.6	15	100	0.0	Powerline Crossing	FO		
ATWS 1337	12.6	10	100	0.0	Powerline Crossing	FO		
ATWS 1338	12.6	15	100	0.0	Powerline Crossing	FO		
ATWS 1339	13.3	25	100	0.1	Stream Crossing	FO		
ATWS 1340	13.3	25	100	0.1	Stream Crossing	FO		
ATWS 1341	13.4	25	100	0.1	Stream Crossing	FO		
ATWS 1342	13.4	15	100	0.0	Stream Crossing	FO		
ATWS 1343	13.6	25	100	0.1	Stream Crossing	FO		
ATWS 1344	13.7	25	100	0.1	Stream Crossing	FO		
ATWS 1345	13.8	25	100	0.1	Stream Crossing	FO		
ATWS 1346	14.0	25	100	0.1	Stream Crossing	FO		
ATWS 1347	14.0	25	100	0.1	Stream Crossing	FO		
ATWS 1348	14.4	15	85	0.0	Shady Glen Rd Crossing	FO		
ATWS 1349	14.4	10	95	0.0	Shady Glen Rd Crossing	FO		
ATWS 1350	14.4	25	290	0.2	Shady Glen Rd Crossing	FO	S2ES-HA-212	48.2
ATWS 1351	14.9	100	2,975	6.8	False Row - Ohio River HDD	FO		
ATWS 1352	15.0	30	300	0.2	Ohio River HDD	FO/OP	WB4ES-HA-686	0.0

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1353	15.0	75	300	0.5	Ohio River HDD	FO/OP	W4ES-HA-687	0.0
<i>Jefferson County, Ohio</i>								
ATWS 1354	16.4	50	300	0.3	Ohio River HDD	FO/OP		
ATWS 1355	16.4	50	300	0.3	Ohio River HDD	FO		
ATWS 1356	16.5	15	150	0.1	SR 7 (Ohio River Scenic Byway) Crossing	FO		
ATWS 1357	16.5	10	150	0.0	SR 7 (Ohio River Scenic Byway) Crossing	FO		
ATWS 1358	16.5	10	145	0.0	SR 7 (Ohio River Scenic Byway) Crossing	FO		
ATWS 1359	16.5	15	150	0.1	SR 7 (Ohio River Scenic Byway) Crossing	FO		
ATWS 1360	16.6	15	85	0.0	Stream / JFK Hwy Crossing	FO		
ATWS 1361	16.6	10	85	0.0	Stream / JFK Hwy Crossing	FO		
ATWS 1362	16.7	10	100	0.0	JFK Hwy Crossing	FO		
ATWS 1363	16.8	10	90	0.0	Hale Rd / Stream Crossing	FO		
ATWS 1364	16.8	15	100	0.0	Hale Rd / Stream Crossing	FO		
ATWS 1365	16.8	10	95	0.0	Hale Rd / Stream Crossing	FO/OP		
ATWS 1366	16.9	15	100	0.0	Hale Rd / Stream Crossing	FO		
ATWS 1367	17.0	25	200	0.1	Side Slope	FO		
ATWS 1368	17.4	25	100	0.1	Stream Crossing	FO		
ATWS 1369	17.5	25	100	0.1	Stream Crossing	FO		
ATWS 1370	17.5	15	100	0.0	CR 246 Crossing	FO		
ATWS 1371	17.5	10	100	0.0	CR 246 Crossing	FO		
ATWS 1372	17.6	15	100	0.0	CR 246 / Stream Crossing	FO		
ATWS 1373	17.6	10	100	0.0	CR 246 / Stream Crossing	FO		
ATWS 1374	17.6	25	365	0.2	Side Slope	FO		
ATWS 1375	17.8	10	50	0.0	Stream Crossing	FO	S4ES-JE-183	13.4
ATWS 1376	17.8	15	85	0.0	Stream Crossing	FO	S4ES-JE-183	37.3

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1377	17.8	10	100	0.0	Stream Crossing	FO		
ATWS 1378	17.8	15	100	0.0	Stream Crossing	FO		
ATWS 1379	18.2	25	100	0.1	Stream Crossing	FO	S4ES-JE-178	33.4
ATWS 1380	18.3	25	100	0.1	Stream Crossing	FO		
ATWS 1381	18.9	25	100	0.1	Stream Crossing	FO		
ATWS 1382	19.0	25	100	0.1	Stream Crossing	FO		
ATWS 1383	19.1	15	100	0.0	CR 1350 Crossing	OP		
ATWS 1384	19.1	10	95	0.0	CR 1350 Crossing	OP/FO		
ATWS 1385	19.1	15	95	0.0	CR 1350 Crossing	AG/FO		
ATWS 1386	19.1	10	105	0.0	CR 1350 Crossing	FO		
ATWS 1387	19.4	15	95	0.0	Stream Crossing	FO		
ATWS 1388	19.4	10	95	0.0	Stream Crossing	FO		
ATWS 1389	19.4	15	95	0.0	Stream Crossing	FO	S2ES-JE-201	23.2
ATWS 1390	19.4	10	95	0.0	Stream Crossing	FO		
ATWS 1391	19.7	15	100	0.0	St Hwy 213 Crossing	FO/OP		
ATWS 1392	19.7	10	100	0.0	St Hwy 213 Crossing	FO/OP		
ATWS 1393	19.7	10	100	0.0	St Hwy 213 Crossing	OP		
ATWS 1394	20.3	15	100	0.0	CR 243 Crossing	FO		
ATWS 1395	20.3	10	100	0.0	CR 243 Crossing	FO		
ATWS 1396	20.3	15	100	0.0	CR 243 Crossing	OP		
ATWS 1397	20.4	10	100	0.0	CR 243 Crossing	OP		
ATWS 1398	20.7	15	200	0.1	Stream Crossing	FO		
ATWS 1399	20.7	10	65	0.0	Stream Crossing	FO	S2ES-JE-208	13.4

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1400	20.7	10	140	0.0	Stream Crossing	FO		
ATWS 1401	20.7	15	115	0.0	Stream Crossing	FO	S2ES-JE-206	11.3
ATWS 1402	21.2	10	100	0.0	CR 350 Crossing	OP		
ATWS 1403	21.4	25	100	0.1	Stream Crossing	FO		
ATWS 1404	21.5	25	100	0.1	Stream Crossing	FO		
ATWS 1405	21.8	15	100	0.0	Stream / Private Road Crossing	FO		
ATWS 1406	21.8	10	125	0.0	Stream / Private Road Crossing	FO		
ATWS 1407	21.9	10	100	0.0	Stream / Private Road Crossing	FO		
ATWS 1408	21.9	15	100	0.0	Stream / Private Road Crossing	FO		
ATWS 1409	22.0	25	100	0.1	Side Slope	FO		
ATWS 1410	22.2	25	200	0.1	Private Road Crossing	FO		
ATWS 1411	22.4	25	85	0.1	Wetland / Stream Crossing	FO		
ATWS 1412	22.5	25	80	0.1	Wetland / Stream Crossing	FO		
ATWS 1413	22.7	15	110	0.0	Waggoner Road / Stream Crossing	FO		
ATWS 1414	22.7	10	60	0.0	Waggoner Road / Stream Crossing	FO	ST2B-JE-296	47.8
ATWS 1415	23.0	15	100	0.0	CR 56 Crossing	FO		
ATWS 1416	23.0	10	100	0.0	CR 56 Crossing	FO		
ATWS 1417	23.0	10	100	0.0	CR 56 Crossing	FO/OP		
ATWS 1418	23.0	15	85	0.0	CR 56 Crossing	FO/OP		
ATWS 1419	23.2	25	100	0.1	Wetland / Stream Crossing	FO	S4ES-JE-170	13.7
ATWS 1420	23.3	25	100	0.1	Wetland / Stream Crossing	FO		
ATWS 1421	23.9	25	100	0.1	Stream Crossing	FO		
ATWS 1422	23.9	25	100	0.1	Stream Crossing	FO		
ATWS 1423	24.7	25	100	0.1	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1424	25.1	25	100	0.1	Wetland / Stream Crossing	FO		
ATWS 1425	25.2	25	100	0.1	Wetland / Stream Crossing	OP/FO		
ATWS 1426	25.6	25	100	0.1	Stream Crossing	FO		
ATWS 1427	25.6	25	100	0.1	Stream Crossing	FO		
ATWS 1428	25.7	25	100	0.1	Stream Crossing / Side Slope	OP		
ATWS 1429	26.2	25	100	0.1	Stream Crossing	FO		
ATWS 1430	26.2	25	100	0.1	Stream Crossing	FO		
ATWS 1431	26.4	25	100	0.1	Stream Crossing	FO		
ATWS 1432	26.5	25	100	0.1	Stream Crossing	FO		
ATWS 1433	26.6	25	100	0.1	Stream Crossing	FO		
ATWS 1434	26.6	25	100	0.1	Stream Crossing	FO		
ATWS 1435	26.8	10	100	0.0	CR 218 / Stream Crossing	FO		
ATWS 1436	26.8	15	100	0.0	CR 218 / Stream Crossing	FO		
ATWS 1437	26.9	25	100	0.1	Stream Crossing	FO		
ATWS 1438	27.1	25	100	0.1	Stream Crossing	FO	S2TB-JE-290	46.7
ATWS 1439	27.2	10	105	0.0	CR 43 Crossing	OP		
ATWS 1440	27.2	15	100	0.0	CR 43 / Stream Crossing	OP		
ATWS 1441	27.3	10	50	0.0	CR 43 / Stream Crossing	FO	S2T-JE-108	15.1
ATWS 1442	27.3	15	70	0.0	CR 43 / Stream Crossing	FO	S2T-JE-108	21.4
ATWS 1443	27.3	10	100	0.0	Wetland Crossing	FO		
ATWS 1444	27.3	15	100	0.0	Wetland Crossing	FO		
ATWS 1445	27.4	15	140	0.1	Wetland Crossing	FO		
ATWS 1446	27.4	10	100	0.0	Wetland Crossing	FO		
ATWS 1447	28.2	10	100	0.0	Stream Crossing	FO		
ATWS 1448	28.2	15	100	0.0	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1449	28.2	10	100	0.0	Stream Crossing	FO		
ATWS 1450	28.3	15	140	0.1	Stream Crossing	FO		
ATWS 1451	28.9	15	80	0.0	Side Slope	FO		
ATWS 1452	28.9	10	100	0.0	Side Slope	FO		
ATWS 1453	28.9	15	95	0.0	Side Slope	FO	S2ST-JE-106	44.8
ATWS 1454	29.0	10	100	0.0	Side Slope	FO	S2ST-JE-106	48.2
ATWS 1455	29.1	10	100	0.0	Wetland / Stream Crossing	FO/OP		
ATWS 1456	29.2	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1457	29.2	10	75	0.0	Wetland / Stream Crossing	OP/FO		
ATWS 1458	29.2	15	100	0.0	Wetland / Stream Crossing	OP		
ATWS 1459	29.8	15	100	0.0	CR 220 Crossing	OP		
ATWS 1460	29.8	10	100	0.0	CR 220 Crossing	FO		
ATWS 1461	30.2	25	100	0.1	Stream Crossing	FO		
ATWS 1462	30.2	25	100	0.1	Stream Crossing	FO		
ATWS 1463	30.6	25	100	0.1	Stream Crossing	FO		
ATWS 1464	30.6	25	100	0.1	Stream Crossing	FO		
ATWS 1465	30.8	15	85	0.0	Wetland Crossing	FO		
ATWS 1466	30.8	10	95	0.0	Wetland Crossing	FO		
ATWS 1467	30.9	15	100	0.0	Wetland Crossing	FO/OP		
ATWS 1468	30.9	10	100	0.0	Wetland Crossing	OP		
ATWS 1469	31.6	10	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1470	31.6	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1471	32.0	25	100	0.1	Stream Crossing	FO		
ATWS 1472	32.1	25	100	0.1	Stream Crossing	FO		
ATWS 1473	33.0	10	100	0.0	Wetland Crossing	FO/OP		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1474	33.0	10	85	0.0	Wetland Crossing	OP		
ATWS 1475	33.0	15	100	0.0	Wetland Crossing	FO		
ATWS 1476	34.0	15	100	0.0	Wetland / Railroad Crossing	FO		
ATWS 1477	34.0	10	100	0.0	Wetland / Railroad Crossing	FO		
ATWS 1478	34.2	10	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1479	34.3	15	80	0.0	Wetland / Stream Crossing	FO		
ATWS 1480	34.3	25	100	0.1	Stream Crossing	FO		
ATWS 1481	35.1	15	100	0.0	St Hwy 78 Crossing	FO/OP		
ATWS 1482	35.1	10	100	0.0	St Hwy 78 Crossing	FO		
ATWS 1483	35.1	15	100	0.0	St Hwy 78 Crossing	FO		
ATWS 1484	35.1	10	100	0.0	St Hwy 78 Crossing	FO		
ATWS 1485	35.4	25	100	0.1	Stream Crossing	FO		
ATWS 1486	35.5	25	100	0.1	Stream Crossing	FO		
<u>Carroll County, Ohio</u>								
ATWS 1487	36.0	10	100	0.0	Queens Rd Crossing	FO		
ATWS 1488	36.0	15	100	0.0	Queens Rd Crossing	FO		
ATWS 1489	36.0	10	60	0.0	Wetland / Stream Crossing	FO		
ATWS 1490	36.0	15	50	0.0	Wetland / Stream Crossing	FO		
ATWS 1491	36.0	10	50	0.0	Wetland / Stream Crossing	FO		
ATWS 1492	36.1	15	100	0.0	Wetland / Stream Crossing	FO/OP	S2TB-CA-273	29.6
ATWS 1493	36.2	15	70	0.0	Calvary Rd Crossing	FO		
ATWS 1494	36.3	10	100	0.0	Calvary Rd Crossing	AG		
ATWS 1495	36.5	25	100	0.1	Stream Crossing	FO		
ATWS 1496	36.5	25	100	0.1	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1497	36.7	25	70	0.0	Wetland / Stream Crossing	FO	W2TB-CA-231	22.8
ATWS 1498	37.3	25	100	0.1	Stream Crossing	FO	ST2B-CA-229	49.2
ATWS 1499	37.4	25	100	0.1	Stream Crossing	FO	S2TB-CA-229	44.3
ATWS 1500	37.6	10	95	0.0	Germano Rd Crossing	FO		
ATWS 1501	37.6	15	195	0.1	Germano Rd Crossing	FO		
ATWS 1502	37.9	10	85	0.0	Stream Crossing	FO/OP		
ATWS 1503	37.9	10	100	0.0	Stream Crossing	OP		
ATWS 1504	38.1	25	100	0.1	Stream Crossing	FO		
ATWS 1505	38.1	25	100	0.1	Stream Crossing	FO		
ATWS 1506	38.3	25	100	0.1	Wetland / Stream Crossing	FO	W2ES-CA-154	48.5
ATWS 1507	38.4	25	100	0.1	Wetland / Stream Crossing	FO		
ATWS 1508	38.4	15	85	0.0	Profit Rd Crossing	FO		
ATWS 1509	38.4	10	100	0.0	Profit Rd Crossing	FO		
ATWS 1510	38.4	5	10	0.0	Profit Rd Crossing	FO		
ATWS 1511	38.7	12.5	100	0.0	Stream Crossing	FO	W4ES-CA-127	37.8
ATWS 1512	38.8	25	100	0.1	Wetland Crossing	FO	W4ES-CA-120	43.5
ATWS 1513	38.9	10	100	0.0	Wetland Crossing	FO		
ATWS 1514	38.9	15	95	0.0	Wetland Crossing	FO		
ATWS 1515	39.6	25	100	0.1	Wetland / Stream Crossing	FO	S4ES-CA-116	48.8
ATWS 1516	39.7	10	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1517	39.7	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1518	40.4	15	100	0.0	Stream Crossing	FO		
ATWS 1519	40.4	10	100	0.0	Stream Crossing	FO	S2TB-CA-238	26.6

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1520	40.7	25	100	0.1	Stream Crossing	FO		
ATWS 1521	40.7	25	100	0.1	Stream Crossing	FO		
ATWS 1522	40.9	25	100	0.1	Stream Crossing	FO		
ATWS 1523	41.0	10	95	0.0	Castle Rd Crossing	OP		
ATWS 1524	41.4	10	100	0.0	Castle Rd Crossing	OP/FO		
ATWS 1525	41.8	15	100	0.0	Wetland Crossing	FO		
ATWS 1526	41.8	10	185	0.0	Saber Rd Crossing	FO		
ATWS 1527	41.9	15	55	0.0	Saber Rd Crossing	OP		
ATWS 1528	41.9	10	100	0.0	Saber Rd Crossing	FO		
ATWS 1529	42.1	25	100	0.1	Stream Crossing	FO		
ATWS 1530	42.4	25	100	0.1	Stream Crossing	FO		
ATWS 1531	42.5	25	85	0.1	Stream Crossing	FO		
ATWS 1532	42.8	10	100	0.0	Private Road / Wetland Crossing	FO		
ATWS 1533	43.1	10	145	0.0	Poker Rd Crossing	OP		
ATWS 1534	43.1	15	140	0.1	Poker Rd Crossing	FO		
ATWS 1535	43.1	10	100	0.0	Poker Rd Crossing	OP		
ATWS 1536	43.1	15	60	0.0	Poker Rd Crossing	OP		
ATWS 1537	43.1	15	100	0.0	Wetland Crossing	FO		
ATWS 1538	43.2	10	95	0.0	Wetland Crossing	FO		
ATWS 1539	43.6	25	100	0.1	Stream Crossing	FO		
ATWS 1540	43.7	25	100	0.1	Stream Crossing	FO		
ATWS 1541	43.7	25	100	0.1	Stream Crossing	FO		
ATWS 1542	44.2	25	185	0.1	Stream Crossing	FO		
ATWS 1543	44.3	25	100	0.1	Stream Crossing	FO		
ATWS 1544	44.5	15	50	0.0	Diamond Rd Crossing	OP		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1545	44.5	10	100	0.0	Diamond Rd Crossing	OP		
ATWS 1546	44.5	15	100	0.0	Diamond Rd Crossing	OP		
ATWS 1547	45.8	25	145	0.1	Wetland / Stream Crossing	FO		
ATWS 1548	46.2	15	95	0.0	Wetland / Stream Crossing	FO		
ATWS 1549	46.3	10	105	0.0	Wetland / Stream Crossing	FO		
ATWS 1550	46.3	15	100	0.0	Wetland / Stream Crossing	FO		
ATWS 1551	46.4	15	100	0.0	Desert Rd Crossing	FO/OP		
ATWS 1552	46.4	10	100	0.0	Desert Rd Crossing	FO		
ATWS 1553	46.4	15	100	0.0	Desert Rd Crossing	FO		
ATWS 1554	46.4	10	100	0.0	Desert Rd Crossing	FO		
ATWS 1555	46.5	10	100	0.0	Wetland Crossing	FO		
ATWS 1556	46.5	15	100	0.0	Wetland Crossing	FO		
ATWS 1557	46.6	10	100	0.0	Wetland Crossing	FO		
ATWS 1558	46.6	15	100	0.0	Wetland Crossing	FO		
ATWS 1559	46.9	10	75	0.0	Stream Crossing	FO		
ATWS 1560	46.9	15	70	0.0	Stream Crossing	FO		
ATWS 1561	46.9	15	100	0.0	Stream Crossing	FO		
ATWS 1562	46.9	10	75	0.0	Wetlands / Stream Crossing	FO	W4ES-CA-151	39.3
ATWS 1563	47.4	25	100	0.1	Stream Crossing	FO		
ATWS 1564	47.4	25	425	0.2	Stream / Access Midstream Pipeline Crossing	FO	S2ES-CA-219	24.4
ATWS 1565	47.5	25	100	0.1	Access Midstream Pipeline Crossing	FO		
ATWS 1566	47.7	25	50	0.0	Stream / Wetland Crossing	FO		
ATWS 1567	47.7	25	25	0.0	Stream / Wetland Crossing	FO	S4ES-CA-133 & W4ES-CA-134	48.2 & 48.2
ATWS 1568	47.9	25	100	0.1	Stream Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1569	48.0	25	100	0.1	Stream Crossing	FO	WB4ES-CA-137 & S4ES-CA-135	49.4
ATWS 1570	48.4	15	90	0.0	US Hwy 164 Crossing	FO/OP		
ATWS 1571	48.4	10	100	0.0	US Hwy 164 Crossing	FO		
ATWS 1572	48.8	25	100	0.1	Stream Crossing	FO		
ATWS 1573	48.9	25	145	0.1	Country Road 116 / Stream Crossing	FO		
ATWS 1574	48.9	15	95	0.0	Country Road 116 Crossing	FO		
ATWS 1575	48.9	10	100	0.0	Country Road 116 Crossing	FO		
ATWS 1576	49.2	15	100	0.0	Deacon Rd Crossing	FO		
ATWS 1577	49.2	10	100	0.0	Deacon Rd Crossing	FO		
ATWS 1578	49.2	15	135	0.1	Deacon Rd Crossing	FO		
ATWS 1579	49.2	10	100	0.0	Deacon Rd Crossing	FO		
ATWS 1580	50.1	10	100	0.0	US Hwy 212 Crossing	FO/OP		
ATWS 1581	50.1	15	100	0.0	US Hwy 212 Crossing	FO/OP		
ATWS 1582	50.5	10	100	0.0	TWP Hwy 100 Crossing	OP/FO		
ATWS 1583	50.9	15	60	0.0	Cortez Rd Crossing	FO		
Burgettstown Lateral Extra Workspaces Subtotal				21.4				
SUPPLY LATERALS TOTAL				257.3				
MAINLINES A AND B								
<u>Carroll County, Ohio</u>								
ATWS 1584	19.1	15	95	0.0	Stream Crossing	FO		
ATWS 1585	19.2	15	105	0.0	Tennessee Gas Pipeline / Creek Crossing	FO		
ATWS 1586	19.4	15	365	0.1	Tennessee Gas / Foreign Pipeline Crossing	FO/OP		
ATWS 1587	19.5	15	270	0.1	Petrox Inc Pipeline Crossing	FO		
ATWS 1588	19.7	15	150	0.1	Stream Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1589	19.7	15	150	0.1	Stream Crossing	FO		
ATWS 1590	20.0	15	345	0.1	Tennessee Gas Pipeline Crossing	OP		
ATWS 1591	20.1	15	150	0.1	Stream Crossing	FO		
ATWS 1592	20.2	15	105	0.0	CR 108 Crossing	FO		
ATWS 1593	20.2	15	80	0.0	CR 108 Crossing	FO		
ATWS 1594	20.4	50	420	0.5	Dominion / East Ohio / Midstream Pipeline Crossing	AG		
ATWS 1595	20.7	15	180	0.2	Mb Operating Pipeline Crossing	FO/OP		
ATWS 1596	21.0	15	70	0.0	Crane Rd / Foreign Pipeline Crossing	FO		
ATWS 1597	21.0	15	130	0.0	Crane Rd / Foreign Pipeline Crossing	FO		
ATWS 1598	21.2	15	685	0.2	New Philadelphia / East Ohio Gas Company / Midstream Pipeline Crossing	FO/OP		
ATWS 1599	21.6	15	70	0.0	Waterbody / Wetland Crossing	FO	W2ST-CA-141	46.0
ATWS 1600	21.7	15	390	0.1	Belden And Blake Corp / Mb Operating Pipeline Crossing	OP		
ATWS 1601	21.8	15	500	0.2	Foreign Pipeline / Range Resources Pipeline Crossing	FO		
ATWS 1602	22.2	15	15	0.0	CR 111 (Cutler Road) Crossing	OP		
ATWS 1603	22.2	15	110	0.1	CR 111 (Cutler Road) Crossing	FO		
ATWS 1604	22.4	15	185	0.1	Private Road Crossing	FO/OP		
ATWS 1605	22.5	15	195	0.1	Stream Crossing	OP		
ATWS 1606	22.8	15	155	0.1	Wetland Crossing	FO		
<u>Tuscarawas County, Ohio</u>								
ATWS 1607	22.9	15	150	0.1	Wetland Crossing	FO		
ATWS 1608	23.6	15	150	0.1	Wetland Crossing	FO		
ATWS 1609	23.6	15	150	0.1	Wetland Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1610	23.9	15	125	0.0	CR 394 / Telephone Cable Crossing	FO		
ATWS 1611	24.0	15	120	0.0	CR 394 / Telephone Cable Crossing	FO		
ATWS 1612	24.1	15	250	0.1	Wheeling And Lake Erie Railroad / CR 320 Crossing	FO/OP		
ATWS 1613	24.1	15	45	0.0	Wheeling And Lake Erie Railroad / CR 320 Crossing	OP		
ATWS 1614	24.8	50	300	0.3	Indian Fork HDD	AG/OP/FO	W7H-TU-255	9.9
ATWS 1615	25.6	50	300	0.3	Indian Fork HDD	AG/OP/FO		
ATWS 1616	25.7	30	150	0.1	Indian Fork HDD	AG/OP/FO		
ATWS 1617	25.9	60	1,650	2.3	False ROW - Indian Fork HDD	OP		
ATWS 1618	30.3	15	435	0.2	Water Body Crossing	FO/OP		
ATWS 1619	30.7	15	150	0.1	Private Road Crossing	FO		
ATWS 1620	30.7	15	150	0.1	Private Road Crossing	FO		
ATWS 1621	31.4	15	225	0.1	CR 90 (New Cumberland Road NE) Crossing	FO/OP		
ATWS 1622	31.4	15	75	0.0	CR 90 (New Cumberland Road NE) Crossing	FO/OP		
ATWS 1623	31.6	15	1,000	0.3	Side Slope / Great Lakes Energy Pipeline / Water Body Crossing	FO		
ATWS 1624	31.9	15	100	0.0	Waterbody Crossing	FO		
ATWS 1625	31.9	15	195	0.1	Foreign Pipeline / Range Resources Pipelne / CR 110 Crossing	FO/OP		
ATWS 1626	32.0	15	200	0.1	Lindentree Rd Crossing / Waterbody Crossing	FO		
ATWS 1627	32.9	15	195	0.1	Stream Crossing	FO	S4H-TU-381	0.0
ATWS 1628	32.9	15	125	0.0	Foreign Pipeline Crossing	FO		
ATWS 1629	33.0	15	80	0.0	Foreign Pipeline / Stream Crossing	FO		
ATWS 1630	34.5	15	264	0.1	CR 107 (Sandyville Road Ne) / Wetland Crossing	FO		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1631	34.5	15	85	0.0	CR 107 (Sandyville Road Ne) / Wetland Crossing	FO		
ATWS 1632	35.6	200	135	0.6	Sandy Creek HDD	AG		
ATWS 1633	35.7	50	85	0.1	Sandy Creek HDD	OP		
ATWS 1634	35.9	50	300	0.3	Sandy Creek HDD	OP		
<u>Stark County, Ohio</u>								
ATWS 1635	38.3	15	165	0.1	Dominion Pipeline Crossing	OP		
ATWS 1636	38.4	15	150	0.1	Gracemont St Rd Crossing	OP/FO		
ATWS 1637	38.4	15	190	0.1	Gracemont St Rd Crossing	OP/FO		
ATWS 1638	38.5	15	150	0.1	Foreign Pipeline Crossing	FO		
ATWS 1639	38.5	15	150	0.1	Foreign Pipeline Crossing	FO		
ATWS 1640	38.8	15	275	0.1	Private Road Crossing	FO/OP		
ATWS 1641	39.2	15	250	0.1	Foreign Pipeline / Private Road Crossing	FO		
ATWS 1642	39.6	100	300	0.7	Interstate 77 HDD	FO		
ATWS 1643	39.6	50	200	0.2	Interstate 77 HDD	FO/OP		
ATWS 1644	39.9	50	300	0.3	Interstate 77 HDD	AG		
ATWS 1645	40.9	15	195	0.1	Stream Crossing	FO		
ATWS 1646	41.0	15	135	0.1	Stream Crossing	FO		
ATWS 1647	41.9	50	300	0.3	Tuscarawas River HDD	AG		
ATWS 1648	42.7	50	300	0.3	Tuscarawas River HDD	AG		
ATWS 1649	43.6	15	15	0.0	Blough Ave Rd Crossing	OP		
ATWS 1650	43.6	15	110	0.1	Blough Ave Rd Crossing	OP/FO		
ATWS 1651	45.1	15	100	0.0	St Hwy 21 Crossing	FO		
ATWS 1652	45.2	15	245	0.1	Dominion Pipeline / Stream/ Waterbody Crossing	FO/OP		
ATWS 1653	45.3	15	110	0.0	Stream / Waterbody Crossing	FO		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1654	46.0	15	10	0.0	Goodrich Rd Crossing	FO/OP		
ATWS 1655	46.0	15	115	0.1	Goodrich Rd Crossing	FO/OP		
ATWS 1656	49.1	15	150	0.1	Waterbody / Wetland Crossing	FO		
<u>Wayne County, Ohio</u>								
ATWS 1657	51.9	15	545	0.2	CR 105 / Dominion Pipeline / Stream Crossing	FO/OP	S2H-WA-125	14.6
ATWS 1658	53.2	50	300	0.3	Stream at Highway 241 HDD	AG		
ATWS 1659	53.5	145	300	1.0	Stream at Highway 241 HDD	OP	W7H-WA-176	0.0
ATWS 1660	55.9	15	100	0.0	Dominion Pipeline Crossing	FO		
ATWS 1661	56.6	15	150	0.1	Oxford Oil Pipeline Crossing	FO		
ATWS 1662	59.9	15	70	0.0	Dominion Pipeline / CR 199 Crossing	FO		
ATWS 1663	63.3	15	80	0.0	Wetlands Crossing	FO/OP		
ATWS 1664	67.6	60	620	0.9	Prairie Lane HDD Backstring / CR 176 / Private Road / Waterbody / Wetland / Levee Crossing	AG		
ATWS 1665	67.8	15	100	0.0	Private Rd Crossing	FO		
ATWS 1666	67.9	50	300	0.3	Prairie Lane HDD / CR 176 / Private Road / Waterbody / Wetland / Levee Crossing	AG	S1M-WA-144 & W1M-WA-143	25.3 & 0.0
ATWS 1667	68.3	50	100	0.1	Prairie Lane HDD	AG	S1M-WA-147	30.9
ATWS 1668	68.3	200	140	0.6	Prairie Lane HDD	AG	S1M-WA-153	25.4
ATWS 1669	68.9	25	300	0.2	Norfolk Southern Railroad HDD (North)	FO		
ATWS 1670	68.9	25	300	0.2	Norfolk Southern Railroad HDD	OP	S1M-WA-147	0.0
ATWS 1671	69.2	140	200	0.6	Norfolk Southern Railroad HDD	AG		
ATWS 1672	69.3	40	70	0.1	Norfolk Southern Railroad HDD	AG		
ATWS 1673	71.0	15	100	0.0	CR 83 Crossing	FO		
ATWS 1674	71.6	50	300	0.3	State Highway 3 HDD	AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1675	72.0	50	300	0.3	State Highway 3 HDD	AG		
ATWS 1676	75.8	15	120	0.0	Stream Crossing	FO/OP		
ATWS 1677	76.3	15	150	0.1	Stream Crossing	FO		
ATWS 1678	76.6	50	300	0.3	US Highway 30 HDD	AG		
ATWS 1679	77.0	70	75	1.4	US Highway 30 HDD	AG		
ATWS 1680	77.0	200	300	0.1	US Highway 30 HDD	FO	S1TB-WA-116	0.0
<u>Ashland County, Ohio</u>								
ATWS 1681	82.6	15	100	0.0	County Road 1675 Crossing	FO		
ATWS 1682	83.6	15	75	0.0	Stream Crossing	OP		
ATWS 1683	83.6	15	150	0.1	Stream Crossing	OP		
ATWS 1684	84.9	15	15	0.0	CR 1575 Crossing	FO		
ATWS 1685	84.9	15	120	0.0	CR 1575 Crossing	FO	W7H-AS-105	28.8
ATWS 1686	86.2	15	120	0.0	CR 655 Crossing	OP/FO		
ATWS 1687	86.4	15	390	0.1	Private Rd Crossing (2)	OP/FO	S4H-AS-391	40.5
ATWS 1688	89.9	15	100	0.0	CR 995 / Telephone Cable Crossing	FO		
ATWS 1689	90.2	15	145	0.1	Private Road Crossing	FO/OP		
ATWS 1690	91.7	240	300	1.7	Interstate 71 HDD	AG		
ATWS 1691	91.9	50	150	0.2	Interstate 71 HDD	AG		
ATWS 1692	91.9	200	145	0.7	Interstate 71 HDD	AG		
ATWS 1693	92.0	50	1,115	1.3	False Row - Interstate 71 HDD	AG/FO		
ATWS 1694	93.4	15	715	0.3	Stream Crossing	FO/AG	S1H-AS-131	0.0
ATWS 1695	93.8	15	210	0.1	Creek Crossing	AG/FO		
ATWS 1696	93.9	15	215	0.1	Creek Crossing	AG/FO		
ATWS 1697	94.2	50	1,160	1.3	False ROW - US Highway 42 HDD	OP/AG	W4H-AS-121	0.0
ATWS 1698	94.3	50	300	0.3	US Highway 42 HDD	AG		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1699	94.6	50	95	0.1	US Highway 42 HDD	FO/AG		
ATWS 1700	94.6	50	275	0.3	US Highway 42 HDD	AG	W4H-AS-120	0.0
ATWS 1701	94.7	15	435	0.2	CR 1455 Crossing	FO		
ATWS 1702	94.7	15	15	0.0	CR 1455 Crossing	OP		
ATWS 1703	95.5	50	300	0.3	Black Fork Mochican River HDD	AG		
<u>Richland County, Ohio</u>								
ATWS 1704	95.9	50	300	0.3	Black Fork Mochican River HDD	AG	W4H-RI-130/131	15.2/6.1
ATWS 1705	98.3	15	100	0.0	CR 257 Crossing	FO		
ATWS 1706	98.9	15	275	0.1	Wetlands / Stream Crossing	FO		
ATWS 1707	99.0	15	140	0.1	Wetlands Crossing	FO		
ATWS 1708	100.6	15	100	0.0	CR 259 Crossing	FO/OP		
ATWS 1709	100.8	15	70	0.0	Stream Crossing	FO		
ATWS 1710	100.8	15	110	0.0	Stream Crossing	FO		
ATWS 1711	101.1	15	105	0.0	St Hwy 13 Crossing	OP		
ATWS 1712	102.5	15	150	0.1	Wetlands / Stream Crossing	FO/OP		
ATWS 1713	102.6	15	195	0.1	Wetlands / Stream Crossing	FO/OP		
ATWS 1714	109.1	15	105	0.0	Stream Crossing	OP		
ATWS 1715	109.1	15	90	0.0	Stream Crossing	OP		
<u>Crawford County, Ohio</u>								
ATWS 1716	127.4	15	116	0.0	Brillhart Rd Crossing	FO		
<u>Seneca County, Ohio</u>								
ATWS 1717	135.3	80	230	0.4	County Road 12 HDD	AG	W7H-SE-219	30.8
ATWS 1718	135.3	50	150	0.2	County Road 12 HDD	AG	W7H-SE-219	32.4
ATWS 1719	135.7	50	300	0.3	County Road 12 HDD	AG		
ATWS 1720	136.0	60	715	1.0	False Row - CR 12 HDD	AG		

APPENDIX E (continued)								
Extra Workspaces Associated with Construction of the Rover Pipeline Project								
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1721	140.4	50	300	0.3	Honey Creek HDD	AG		
ATWS 1722	140.6	50	300	0.3	Honey Creek HDD	AG		
ATWS 1723	142.1	50	300	0.3	Sandusky River HDD	AG		
ATWS 1724	142.4	50	300	0.3	Sandusky River HDD	AG		
ATWS 1725	146.8	15	30	0.0	CR 7 Crossing	FO		
ATWS 1726	151.5	15	200	0.1	Wolf Creek Crossing	FO		
<u>Wood County, Ohio</u>								
ATWS 1727	169.6	50	300	0.3	Interstate 75 HDD / CR 603 / CR 604 / Telephone Cable	AG		
ATWS 1728	170.2	50	300	0.3	Interstate 75 HDD / CR 603 / CR 604 / Telephone Cable	AG		
<u>Henry County, Ohio</u>								
ATWS 1729	190.3	50	300	0.3	St Hwy 109 HDD / Norfolk Southern Railroad HDD / Waterbody / Stream Crossing	AG		
ATWS 1730	190.9	50	300	0.3	St Hwy 109 HDD / Norfolk Southern Railroad HDD / Waterbody / Stream Crossing	AG		
ATWS 1731	197.0	15	60	0.0	Stream Crossing	AG		
ATWS 1732	197.1	15	65	0.0	County Road 15 Crossing	AG		
ATWS 1733	200.2	50	300	0.3	Maumee River HDD	AG		
ATWS 1734	200.7	50	300	0.3	Maumee River HDD	AG		
<u>Defiance County, Ohio</u>								
ATWS 1735	204.6	25	295	0.2	US Hwy 24 Crossing	AG		
ATWS 1736	204.6	25	110	0.1	US Hwy 24 Crossing	AG		
ATWS 1737	204.7	25	265	0.2	US Hwy 24 Crossing	AG		
ATWS 1738	204.7	25	450	0.3	US Hwy 24 Crossing	AG		

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
MAINLINES A AND B EXTRA WORKSPACES TOTAL				32.0				
MARKET SEGMENT								
<u><i>Defiance County, Ohio</i></u>								
ATWS 1739	2.9	25	480	0.3	CR 166 Crossing	FO	W4H-DF-229	0.0
<u><i>Lenawee County, Michigan</i></u>								
ATWS 1740	42.7	25	235	0.1	Wolf Creek Crossing	OP		
ATWS 1741	43.1	25	150	0.1	US Hwy 223 Crossing	FO/OP		
ATWS 1742	55.4	25	350	0.2	Service Rd / Wisner Hwy Crossing	FO		
<u><i>Washtenaw County, Michigan</i></u>								
ATWS 1743	56.8	25	300	0.2	Wetland / Stream Crossing	AG		
ATWS 1744	56.8	25	300	0.2	Wetland / Stream Crossing	AG		
ATWS 1745	56.9	25	815	0.5	Wetland Crossing	FO/AG	S1K-WA-293 & W1K-WA-292	0.0 & 15.3
ATWS 1746	57.0	50	485	0.6	Wetland Crossing	FO/OP	W1K-WA-291	0.0
ATWS 1747	57.1	25	515	0.3	Wetland Crossing	AG		
ATWS 1748	57.2	25	300	0.2	Wetland Crossing	AG		
ATWS 1749	60.6	60	150	0.2	Crossover / Wetland Crossing	AG	W2K-WA-167	40.7
ATWS 1750	61.5	60	280	0.4	Crossover	FO/OP		
ATWS 1751	62.1	50	300	0.3	State Road 52 HDD	AG		
ATWS 1752	62.6	75	300	0.5	State Road 52 HDD	AG		
ATWS 1753	63.1	50	535	0.6	False Row - State Road 52 HDD	FO		
ATWS 1754	64.4	25	85	0.1	Bemis Rd Crossing	FO		
ATWS 1755	65.2	25	145	0.1	Eisman Road Crossing	FO		
ATWS 1756	71.5	25	125	0.1	Scio Church Road Crossing	FO		

APPENDIX E (continued)									
Extra Workspaces Associated with Construction of the Rover Pipeline Project									
ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)	
		Width	Length						
ATWS 1757	71.5	25	120	0.1	Scio Church Road Crossing	FO/OP			
ATWS 1758	74.1	100	1,575	3.6	I 94 HDD	AG			
ATWS 1759	74.3	50	300	0.3	I 94 HDD	AG			
ATWS 1760	74.7	75	300	0.5	I 94 HDD	OP			
ATWS 1761	75.4	25	125	0.1	Trinkle Road Crossing	FO			
ATWS 1762	75.4	25	125	0.1	Trinkle Road Crossing	OP			
ATWS 1763	79.0	10	315	0.1	PI 90deg	OP			
ATWS 1764	82.5	25	1160	0.7	Side Slope	FO			
ATWS 1765	82.6	25	1,340	0.8	Dexter Town Hall Road / Side Slope / Wetland Crossing	FO	W7K-WA-131	0.0	
ATWS 1766	83.0	25	1,430	0.8	Dexter Town Hall Road / Side Slope / Wetland Crossing	FO	W7K-WA-134	21.2	
ATWS 1767	83.3	25	1,240	0.7	Side Slope / Wetland Crossing	FO/OP	W7K-WA-134	0.0	
ATWS 1768	83.4	25	140	0.1	Stinchfield Woods Road Crossing	FO	W7K-WA-132	10.0	
ATWS 1769	84.1	25	130	0.1	Dexter Town Hall Road	FO			
ATWS 1770	84.2	25	155	0.1	Dexter Town Hall Road	FO			
<u>Livingston County, Michigan</u>									
ATWS 1771	84.5	200	300	1.4	Portage River HDD	AG			
ATWS 1772	84.9	60	300	0.4	Portage River HDD	OP/FO			
ATWS 1773	84.9	15	300	0.1	Portage River HDD	OP/FO			
ATWS 1774	85.5	60	315	0.3	Patterson Lake Road Crossing	OP			
ATWS 1775	87.1	45	270	0.3	Crossover	FO/OP	W2K-LI-238	0.0	
ATWS 1776	87.7	40	180	0.2	Crossover	AG			
ATWS 1777	89.0	25	150	0.1	Wetland Crossing	FO			
ATWS 1778	89.1	25	150	0.1	Wetland Crossing	FO			
ATWS 1779	89.5	60	100	0.1	Crossover	OP			

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use _a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
ATWS 1780	90.1	25	175	0.1	Hinchey Road Crossing	FO/OP		
ATWS 1781	91.0	25	95	0.1	Spears Road Crossing	OP	W5K-LI-419	10.0
ATWS 1782	93.0	25	160	0.1	Pingree Road / Wetland Crossing	OP	W1K-LI-285	0.0
ATWS 1783	93.0	25	140	0.1	Pingree Road / Wetland Crossing	OP/FO	W1K-LI-283	0.0
ATWS 1784	93.4	25	150	0.1	W Schafer Rd Crossing	FO		
ATWS 1785	93.4	25	160	0.1	W Schafer Rd Crossing	FO	W5K-LI-250	44.0
ATWS 1786	94.5	50	370	0.4	False Row - Lake At Vines Rd HDD	OP/FO		
ATWS 1787	94.8	50	300	0.3	Lake At Vines Rd HDD	OP/FO/AG	W2K-LI-248/258	0.0 & 0.0
ATWS 1788	94.8	25	300	0.2	Lake At Vines Rd HDD	OP/FO/AG	W2K-LI-248/258 & S2K-LI-249	0.0 & 0.0
ATWS 1789	95.1	75	250	0.4	Lake At Vines Rd HDD	FO	W2K-LI-251	0.0
ATWS 1790	95.3	25	140	0.1	Crossover	OP		
ATWS 1791	95.4	25	150	0.1	Vines Rd Crossing	FO/OP		
ATWS 1792	95.4	25	100	0.1	Vines Rd Crossing	FO/OP		
ATWS 1793	95.9	15	100	0.0	W Coon Lake Road Crossing	OP		
ATWS 1794	96.3	25	100	0.1	Wetland Crossing	OP		
ATWS 1795	96.8	50	325	0.4	Jewell Rd HDD	AG		
ATWS 1796	97.5	25	150	0.1	Jewell Rd HDD	OP		
ATWS 1797	97.5	50	150	0.2	Jewell Rd HDD	OP/FO		
ATWS 1798	97.7	50	2,465	2.8	False Row - Jewell Rd HDD	AG/FO		
ATWS 1799	98.0	25	150	0.1	West Lange Rd Crossing	OP	W2K-LI-253	0.0
ATWS 1800	98.1	25	150	0.1	West Lange Rd Crossing	OP	W2K-LI-254	0.0
ATWS 1801	99.7	25	125	0.1	Private Road Crossing	FO		
				MARKET SEGMENT	21.6			
				EXTRA WORKSPACE TOTAL				
				ROVER PROJECT TOTAL	311.0			

APPENDIX E (continued)

Extra Workspaces Associated with Construction of the Rover Pipeline Project

ATWS ID #	MP	Nominal Dimensions (feet)		Area Affected (acres)	Justification for ATWS	Existing Land Use ^a	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet)
		Width	Length					
^a AG = Agricultural Land ; OP = Open Land (existing ROW, Open Field, Non-agriculture); FO = Forested Land. Note: Totals may not sum due to rounding.								