

Table 9A-21

Rover Construction Emissions – Summary

	Criteria Pollutant (tpy)						
	NOx (tons)	VOC (tons)	CO (tons)	SO2 (tons)	PM10 (tons)	PM2.5 (tons)	CO _{2e} (tons)
Mainline A & B Pipeline							
Construction Activities Fugitive Dust Emissions	--	--	--	--	339.0	70.5	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	410.0	41.0	--
Construction Equipment Tailpipe Emissions	522.7	62.0	1,168.6	145.0	58.8	56.8	274,009.0
On-Road Tailpipe Emissions - Commuter and Truck	40.6	62.5	645.6	0.4	5.4	4.9	20,190.8
Mainline A & B Pipeline Emission Totals	563.3	124.5	1,814.2	145.4	813.1	173.2	294,199.8
Market Segment Pipeline							
Construction Activities Fugitive Dust Emissions	--	--	--	--	185.2	38.5	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	223.8	22.4	--
Construction Equipment Tailpipe Emissions	285.3	33.9	637.9	79.2	32.1	31.0	149,579.8
On-Road Tailpipe Emissions - Commuter and Truck	22.2	34.1	352.4	0.2	3.0	2.7	11,019.9
Market Segment Pipeline Emission Totals	307.5	68.0	990.3	79.4	444.0	94.5	160,599.7
Lateral Pipelines							
Construction Activities Fugitive Dust Emissions	--	--	--	--	319.3	66.4	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	385.9	38.6	--
Construction Equipment Tailpipe Emissions	493.6	58.6	1,103.4	136.9	55.5	53.6	258,726.1
On-Road Tailpipe Emissions - Commuter and Truck	38.2	58.9	607.8	0.4	5.1	4.6	19,007.4
Lateral Pipelines Emission Totals	531.8	117.4	1,711.2	137.3	765.8	163.2	277,733.6
Mainline CS 1 Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.8	0.4	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	14.1	1.4	--
Construction Equipment Tailpipe Emissions	5.7	0.8	26.9	1.6	0.7	0.7	2,791.3
On-Road Tailpipe Emissions - Commuter and Truck	4.2	3.6	33.3	0.0	0.3	0.3	1,863.7
Mainline CS 1 Compressor Station Emission Totals	9.9	4.4	60.2	1.6	17.0	2.8	4,654.9
Mainline CS 2 Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.5	0.3	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	14.1	1.4	--
Construction Equipment Tailpipe Emissions	5.7	0.8	26.9	1.6	0.7	0.7	2,791.3
On-Road Tailpipe Emissions - Commuter and Truck	4.2	3.6	33.3	0.0	0.3	0.3	1,863.7
Mainline CS 2 Compressor Station Emission Totals	9.9	4.4	60.2	1.6	16.7	2.7	4,654.9

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	NOx (tons)	VOC (tons)	CO (tons)	SO2 (tons)	PM10 (tons)	PM2.5 (tons)	CO _{2e} (tons)
Mainline CS 3 Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.7	0.4	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	14.1	1.4	--
Construction Equipment Tailpipe Emissions	5.7	0.8	26.9	1.6	0.7	0.7	2,791.3
On-Road Tailpipe Emissions - Commuter and Truck	4.2	3.6	33.3	0.0	0.3	0.3	1,863.7
Mainline CS 3 Compressor Station Emission Totals	9.9	4.4	60.2	1.6	16.9	2.8	4,654.9
Defiance Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.5	0.3	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	14.1	1.4	--
Construction Equipment Tailpipe Emissions	5.7	0.8	26.9	1.6	0.7	0.7	2,791.3
On-Road Tailpipe Emissions - Commuter and Truck	4.2	3.6	33.3	0.0	0.3	0.3	1,863.7
Defiance Compressor Station Emission Totals	9.9	4.4	60.2	1.6	16.7	2.7	4,654.9
Stand-Alone Metering Stations							
Construction Activities Fugitive Dust Emissions	--	--	--	--	0.3	0.1	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	12.7	1.3	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.0	1.8	16.5	0.0	0.2	0.1	876.1
Stand-Alone Metering Stations Emission Totals	7.1	2.5	40.7	1.4	13.9	2.1	3,388.3
Sherwood Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	3.1	0.6	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Sherwood Compressor Station Emission Totals	7.6	2.8	43.1	1.4	12.1	2.3	3,597.0
Seneca Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.3	0.3	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Seneca Compressor Station Emission Totals	7.6	2.8	43.1	1.4	10.4	1.9	3,597.0

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Clarington Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	2.1	0.4	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Clarington Compressor Station Emission Totals	7.6	2.8	43.1	1.4	11.2	2.1	3,597.0
Majorsville Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.8	0.4	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Majorsville Compressor Station Emission Totals	7.6	2.8	43.1	1.4	10.9	2.0	3,597.0
Cadiz Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	1.1	0.2	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Cadiz Compressor Station Emission Totals	7.6	2.8	43.1	1.4	10.2	1.9	3,597.0
Burgettstown Compressor Station							
Construction Activities Fugitive Dust Emissions	--	--	--	--	0.7	0.1	--
Travel on Unpaved Roads Fugitive Dust Emissions	--	--	--	--	8.2	0.8	--
Construction Equipment Tailpipe Emissions	5.1	0.7	24.2	1.4	0.7	0.6	2,512.1
On-Road Tailpipe Emissions - Commuter and Truck	2.5	2.1	18.9	0.0	0.2	0.2	1,084.8
Burgettstown Compressor Station Emission Totals	7.6	2.8	43.1	1.4	9.8	1.8	3,597.0
Rover Project Total Construction Emissions	1,494.9	346.7	5,055.4	378.3	2,169.5	456.2	776,122.8