

## **APPENDIX 7A**

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**TABLE 7A-1**  
**Major Land Resource Areas Crossed by Facility**

Facility Type	State	Major Land Resource Area (MLRA)						
		126	124	139	111E	111B	99	98
<b>Pipelines</b>								
<b>Supply Laterals</b>								
Sherwood Lateral	Ohio	X						
	West Virginia	X						
CGT Lateral	West Virginia	X						
Seneca Lateral	Ohio	X						
Berne Lateral	Ohio	X						
Clarrington Lateral	Ohio	X						
Majorsville Lateral	Ohio	X						
	West Virginia	X						
Cadiz Lateral	Ohio	X						
Burgettstown Lateral	Ohio	X	X					
	Pennsylvania	X						
	West Virginia	X						
Supply Connector Lines A and B	Ohio	X	X					
<b>Mainlines</b>								
Mainlines A and B	Ohio		X	X	X	X	X	
Market Segment	Michigan					X		X
	Ohio					X	X	
<b>Compressor Stations</b>								
Sherwood Compressor Station	West Virginia	X						
Seneca Compressor Station	Ohio	X						
Clarrington Compressor Station	Ohio	X						
Majorsville Compressor Station	West Virginia	X						
Cadiz Compressor and Meter Station	Ohio	X						
Burgettstown Compressor Station	Pennsylvania	X						
Mainline Compressor Station 1	Ohio		X					
Mainline Compressor Station 2	Ohio				X			
Mainline Compressor Station 3	Ohio				X			
Defiance Compressor Station	Ohio						X	
<b>Meter Stations</b>								
CGT Meter Station	West Virginia	X						
Hall Meter Station	Ohio	X						
Gulfport Meter Station	Ohio	X						
Berne Meter Station	Ohio	X						
Majorsville Meter Station	West Virginia	X						
ANR Meter Site	Ohio						X	

**TABLE 7A-1**  
**Major Land Resource Areas Crossed by Facility**

Facility Type	State	Major Land Resource Area (MLRA)						
		126	124	139	111E	111B	99	98
Consumers Energy Meter Station	Michigan					X		
Vector Meter Station	Michigan							X
<b>Receiver Facilities</b>								
CGT Tie-In	West Virginia	X						
Sherwood Tie-In	Ohio	X						
Majorsville Tie-In	Ohio	X						
Cadiz Tie-In	Ohio	X						
Burgettstown Tie-In	Ohio		X					
Mainline B Tie-In	Ohio						X	

**TABLE 7A-2**  
**Summary of Soil Characteristics Crossed by the Rover Pipelines**

Facility Type/Facility	Length (miles)	Prime Farmland (miles/%) <sup>2</sup>	Hydric Soils (miles/%) <sup>3</sup>	Compact Prone (miles/%) <sup>4</sup>	Highly Water Erodible Land (miles/%) <sup>5</sup>	Highly Wind Erodible Land (miles/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (miles/%) <sup>7</sup>
<b>Supply Lateral</b>							
Sherwood Lateral	54.0	20.5 (38.0%)	0.2 (0.4%)	0.00	43.9 (81.3%)	0.00	12.6 (23.3%)
CGT Lateral	5.7	1.7 (29.8%)	0.00	0.00	5.5 (96.5%)	0.00	0.9 (15.8%)
Seneca Lateral	25.6	1.7 (6.6%)	0.00	0.00	21.1 (82.4%)	0.00	5.2 (20.3%)
Berne Lateral	3.7	0.1 (2.7%)	0.00	0.00	3.5 (94.6%)	0.00	1.1 (29.7%)
Clarington Lateral	32.6	5.3 (16.3%)	0.00	0.00	22.9 (70.2%)	0.00	7.9 (24.2%)
Majorsville Lateral	23.9	5.8 (24.3%)	0.00	0.00	21.7 (90.8%)	0.00	7.6 (31.8%)
Cadiz Lateral	2.9	1.8 (62.1%)	0.00	0.00	1.1 (37.9%)	0.00	1.0 (34.5%)
Burgettstown Lateral	51.3	31.2 (60.8%)	0.3 (0.6%)	0.3 (0.6%)	33.3 (64.9%)	0.00	6.2 (12.1%)
Supply Connectors	18.8	10.8 (57.4%)	0.00	0.6 (3.2%)	12.4 (66.0%)	0.00	2.0 (10.6%)
<i>Subtotal:</i>	<i>218.5</i>	<i>78.9 (36.1%)</i>	<i>0.5 (0.2%)</i>	<i>0.9 (0.4%)</i>	<i>165.4 (75.7%)</i>	<i>0.00</i>	<i>44.5 (20.4%)</i>
<b>Mainlines</b>							
Mainlines	190.6	172.2 (90.3%)	67.5 (35.4%)	62.5 (32.8%)	26.5 (13.9%)	1.6 (0.8%)	50.1 (26.3%)
Market Segment	100.0	93.2 (93.2%)	33.1 (33.1%)	21.6 (21.6%)	18.0 (18.0%)	15.2 (15.2%)	17.9 (17.9%)
<i>Subtotal:</i>	<i>290.6</i>	<i>265.4 (91.3%)</i>	<i>100.6 (34.6%)</i>	<i>84.1 (28.9%)</i>	<i>44.5 (15.3%)</i>	<i>16.8 (5.8%)</i>	<i>68.0 (23.4%)</i>
<b>Total:</b>	<b>509.1</b>	<b>344.3 (67.6%)</b>	<b>101.1 (19.9%)</b>	<b>85.0 (16.7%)</b>	<b>209.9 (41.2%)</b>	<b>16.8 (3.3%)</b>	<b>112.5 (22.1%)</b>

- 1 Percentages reflect length of impact divided by length of pipeline facility type.
- 2 Prime farmland soils include prime farmland and farmland of statewide importance, as designated by the NRCS. There are no farmlands of unique importance listed along the Project corridor.
- 3 "Urban Land" and "Udorthents" map units do not have a NRCS designated hydric soil status. These map units were considered to be non-hydric soils and are listed as "No" or "Unranked" based on SSURGO data.
- 4 Compaction Prone includes those soils with clay loam or finer texture and a somewhat poor, poor, or very poorly drained drainage class.
- 5 Water erosion potential was determined by slope and K factor values for each soil type. If soils have slopes > 5% and a K factor > 0.32 or if all slopes are greater than 15% regardless of K factor then soil erosion by water is rated as high.
- 6 Wind Erodibility Groups (WEGs) were obtained from the SSURGO GIS geodatabase. WEGs range from one to eight, with one being the highest potential for wind erosion, and eight the lowest. Highly wind erodible soils include those in WEGs 1 or 2.
- 7 The ability of soils within the Project area to support successful revegetation was determined by using the revegetation potential of grasses as recorded in the SSURGO database.

**TABLE 7A-3**  
**Summary of Soil Characteristics at the Rover Aboveground Facilities**

Facility	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>		Hydric Soils (acres/%) <sup>3</sup>		Compact Prone (acres/%) <sup>4</sup>		Highly Water Erodible Land (acres/%) <sup>5</sup>		Highly Wind Erodible Land (acres/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	
		Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction
<b>Compressor Stations</b>													
Sherwood Compressor Station	42.49	2.47 (5.81%)	2.51 (5.91%)	0.00	0.00	0.00	0.00	11.75 (27.65%)	29.94 (70.46%)	0.00	0.00	3.73 (8.78%)	16.17 (38.06%)
Seneca Compressor Station	44.08	0.00	0.00	0.00	0.00	0.00	0.00	6.91 (15.68%)	21.30 (48.32%)	0.00	0.00	0.00	0.00
Clarrington Compressor Station	114.99	0.00	0.00	0.00	0.00	0.00	0.00	15.83 (13.77%)	40.08 (34.86%)	0.00	0.00	8.90 (7.74%)	16.98 (14.77%)
Majorsville Compressor Station	37.35	5.71 (15.29%)	8.46 (22.65%)	0.00	0.00	0.00	0.00	13.16 (35.23%)	18.69 (50.04%)	0.00	0.00	7.44 (19.92%)	9.35 (25.03%)
Cadiz Compressor and Meter Station	28.16	0.00	0.00	0.00	0.00	0.00	0.00	12.21 (43.36%)	20.40 (72.44%)	0.00	0.00	12.21 (43.36%)	20.65 (73.33%)
Burgettstown Compressor Station	15.68	10.34 (65.94%)	10.34 (65.94%)	0.00	0.00	0.00	0.00	8.79 (56.06%)	8.79 (56.06%)	0.00	0.00	4.84 (30.87%)	4.84 (30.87%)
Mainline Compressor Station 1	54.9	12.94 (23.57%)	29.39 (53.53%)	0.00	0.00	0.00	0.00	4.60 (8.38%)	10.92 (19.89%)	0.00	0.00	0.00	0.00
Mainline Compressor Station 2	46.33	14.74 (31.82%)	24.71 (53.33%)	0.09 (0.19%)	2.61 (5.63%)	0.00	0.00	1.48 (3.19%)	5.17 (11.16%)	0.00	0.00	0.00	0.00

**TABLE 7A-3**  
**Summary of Soil Characteristics at the Rover Aboveground Facilities**

Facility	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>		Hydric Soils (acres/%) <sup>3</sup>		Compact Prone (acres/%) <sup>4</sup>		Highly Water Erodible Land (acres/%) <sup>5</sup>		Highly Wind Erodible Land (acres/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	
		Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction
Mainline Compressor Station 3	38.23	13.03 (34.08%)	29.03 (75.94%)	6.28 (16.43%)	13.82 (36.15%)	0.00	0.00	0.00	0.00	13.03 (34.08%)	13.03 (34.08%)	0.00	0.00
Defiance Compressor Station	44.61	0.00	0.00	12.21 (27.37%)	18.69 (41.90%)	15.20 (34.07%)	21.93 (49.16%)	0.00	0.00	15.55 (34.86%)	15.65 (35.08%)	0.00	0.00
<i>Subtotal</i>	<i>466.82</i>	<i>59.23 (12.69%)</i>	<i>104.44 (22.37%)</i>	<i>18.58 (3.98%)</i>	<i>35.12 (7.52%)</i>	<i>15.20 (3.26%)</i>	<i>21.93 (4.70%)</i>	<i>74.73 (16.01%)</i>	<i>155.29 (33.27%)</i>	<i>28.58 (6.12%)</i>	<i>28.68 (6.14%)</i>	<i>37.12 (7.95%)</i>	<i>67.99 (14.56%)</i>
<b>Meter Stations</b>													
CGT Meter Station	1.85	1.30 (70.27%)	1.58 (85.41%)	0.00	0.00	0.00	0.00	0.11 (5.95%)	0.13 (7.03%)	0.00	0.00	0.11 (5.95%)	0.13 (7.03%)
Hall Meter Station	2.03	1.23 (60.59%)	1.23 (60.59%)	0.00	0.00	0.00	0.00	0.52 (25.62%)	0.52 (25.62%)	0.00	0.00	0.00	0.00
Gulfport Meter Station	1.21	0.00	0.00	0.00	0.00	0.00	0.00	1.11 (91.74%)	1.11 (91.74%)	0.00	0.00	0.10 (8.26%)	0.10 (8.26%)
Berne Meter Station	3.34	0.00	0.00	0.00	0.00	0.00	0.00	3.00 (89.82%)	3.00 (89.82%)	0.00	0.00	0.00	0.00
Majorsville Meter Station	4.00	0.66 (16.50%)	2.31 (57.75%)	0.00	0.00	0.00	0.00	0.93 (23.25%)	3.89 (97.25%)	0.00	0.00	0.27 (6.75%)	1.23 (30.75%)
ANR Meter Site	12.79	1.15 (8.99%)	3.40 (26.58%)	4.59 (35.89%)	8.70 (68.02%)	4.59 (35.89%)	8.70 (68.02%)	0.00	0.00	4.59 (35.89%)	4.59 (35.89%)	0.00	0.00
Consumers Energy Meter Station	2.32	2.26 (97.41%)	2.26 (97.41%)	0.00	0.00	0.00	0.00	0.00	0.00	2.26 (97.41%)	2.26 (97.41%)	0.00	0.00
Vector Meter Station	9.61	8.40 (87.41%)	8.40 (87.41%)	0.00	0.00	6.04 (62.85%)	6.04 (62.85%)	0.00	0.00	8.40 (87.41%)	8.40 (87.41%)	0.00	0.00
<i>Subtotal</i>	<i>37.15</i>	<i>15.00</i>	<i>19.18</i>	<i>4.59</i>	<i>8.70</i>	<i>10.63</i>	<i>14.74</i>	<i>5.67</i>	<i>8.65</i>	<i>15.25</i>	<i>15.25</i>	<i>0.48</i>	<i>1.46</i>

**TABLE 7A-3**  
**Summary of Soil Characteristics at the Rover Aboveground Facilities**

Facility	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>		Hydric Soils (acres/%) <sup>3</sup>		Compact Prone (acres/%) <sup>4</sup>		Highly Water Erodible Land (acres/%) <sup>5</sup>		Highly Wind Erodible Land (acres/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	
		Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction
		(40.38%)	(51.63%)	(12.36%)	(23.42%)	(28.61%)	(39.68%)	(15.26%)	(23.28%)	(41.05%)	(41.05%)	(1.29%)	(3.93%)
<b>Receiver Sites</b>													
CGT Tie-In	0.4	0.00	0.00	0.00	0.00	0.00	0.00	0.12 (30.00%)	0.12 (30.00%)	0.00	0.00	0.12 (30.00%)	0.12 (30.00%)
Sherwood Tie-In	1.91	0.00	0.00	0.00	0.00	0.00	0.00	1.25 (65.45%)	1.25 (65.45%)	0.00	0.00	0.00	0.00
Majorsville Tie-In	4.13	0.00	0.00	0.00	0.00	0.00	0.00	4.05 (98.06%)	4.05 (98.06%)	0.00	0.00	0.00	0.00
Cadiz Tie-In	4.21	2.64 (62.71%)	3.79 (90.02%)	0.00	0.00	0.00	0.00	0.45 (10.69%)	0.88 (20.90%)	0.00	0.00	0.00	0.00
Burgettstown Tie-In	1.5	1.11 (74.00%)	1.11 (74.00%)	0.00	0.00	0.00	0.00	1.45 (96.67%)	1.45 (96.67%)	0.00	0.00	0.00	0.00
Mainline B Tie-In	1.16	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)	0.00	0.00	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)	1.04 (89.66%)
<i>Subtotal</i>	13.31	4.79 (35.99%)	5.94 (44.63%)	1.04 (7.81%)	1.04 (7.81%)	1.04 (7.81%)	1.04 (7.81%)	7.32 (55.00%)	7.75 (58.23%)	1.04 (7.81%)	1.04 (7.81%)	1.16 (8.72%)	1.16 (8.72%)
<b>Total</b>	<b>517.28</b>	<b>79.02 (15.28%)</b>	<b>129.56 (25.05%)</b>	<b>24.21 (4.68%)</b>	<b>44.86 (8.67%)</b>	<b>26.87 (5.19%)</b>	<b>37.71 (7.29%)</b>	<b>87.72 (16.96%)</b>	<b>171.69 (33.19%)</b>	<b>44.87 (8.67%)</b>	<b>44.97 (8.69%)</b>	<b>38.76 (7.49%)</b>	<b>70.61 (13.65%)</b>

**TABLE 7A-3**  
**Summary of Soil Characteristics at the Rover Aboveground Facilities**

Facility	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>		Hydic Soils (acres/%) <sup>3</sup>		Compact Prone (acres/%) <sup>4</sup>		Highly Water Erodible Land (acres/%) <sup>5</sup>		Highly Wind Erodible Land (acres/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	
		Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction

- 1 Percentages reflect impact acres divided by total acres.
- 2 Prime farmland soils include prime farmland and farmland of statewide importance, as designated by the NRCS. There are no farmlands of unique importance listed along the Project corridor.
- 3 "Urban Land" and "Udorthents" map units do not have a NRCS designated hydric soil status. These map units were considered to be non-hydric soils and are listed as "No" or "Unranked" based on SSURGO data.
- 4 Compaction Prone includes those soils with clay loam or finer texture and a somewhat poor, poor, or very poorly drained drainage class.
- 5 Water erosion potential was determined by slope and K factor values for each soil type. If soils have slopes > 5% and a K factor > 0.32 or if all slopes are greater than 15% regardless of K factor then soil erosion by water is rated as high.
- 6 Wind Erodibility Groups (WEGs) were obtained from the SSURGO GIS geodatabase. WEGs range from one to eight, with one being the highest potential for wind erosion, and eight the lowest. Highly wind erodible soils include those in WEGs 1 or 2.
- 7 The ability of soils within the Project area to support successful revegetation was determined by using the revegetation potential of grasses as recorded in the SSURGO database.



**TABLE 7A-4**  
**Summary of Soil Characteristics Affected by Construction and Operation of the Rover Pipelines**

Facility	Workspace	Slopes 8-25% (acres/%)	Slopes > 25% (acres/%)	Highly Water Erodible Land (acres/%) <sup>1</sup>	Highly Wind Erodible Land (acres/%) <sup>2</sup>	USDA Prime Farmland Designation (acres/%) <sup>3</sup>	Hydric Soils (acres/%) <sup>4</sup>	Compact Prone (acres/%) <sup>5</sup>	Shallow Soils (acres/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	Stony/Rocky Soils (acres/%) <sup>8</sup>	Droughty Soils (acres/%) <sup>9</sup>
<b>Supply Laterals</b>												
Sherwood Lateral	Permanent	104.85 (35.95%)	163.76 (34.61%)	210.83 (34.69%)	0.00	124.93 (36.00%)	1.12 (47.51%)	0.00	281.55 (35.09%)	79.99 (34.43%)	91.59 (33.25%)	0.00
	Temporary	186.84 (64.05%)	309.41 (65.39%)	396.93 (65.31%)	0.00	222.09 (64.00%)	1.23 (52.49%)	0.00	520.73 (64.91%)	152.30 (65.57%)	183.92 (66.75%)	0.00
<i>Subtotal Sherwood Lateral</i>		<i>291.68</i>	<i>473.18</i>	<i>607.75</i>	<i>0.00</i>	<i>347.02</i>	<i>2.35</i>	<i>0.00</i>	<i>802.29</i>	<i>232.29</i>	<i>275.51</i>	<i>0.00</i>
CGT Lateral	Permanent	9.22 (54.91%)	24.08 (48.39%)	32.84 (49.98%)	0.00	9.97 (54.63%)	0.00	0.00	32.84 (49.98%)	5.68 (36.20%)	0.00	0.00
	Temporary	7.57 (45.09%)	25.68 (51.61%)	32.86 (50.02%)	0.00	8.28 (45.37%)	0.00	0.00	32.86 (50.02%)	10.01 (63.80%)	0.00	0.00
<i>Subtotal CGT Lateral</i>		<i>16.79</i>	<i>49.75</i>	<i>65.70</i>	<i>0.00</i>	<i>18.25</i>	<i>0.00</i>	<i>0.00</i>	<i>65.70</i>	<i>15.68</i>	<i>0.00</i>	<i>0.00</i>
Seneca Lateral	Permanent	27.23 (35.03%)	100.54 (35.29%)	117.57 (35.06%)	0.00	10.20 (34.94%)	0.00	0.00	145.75 (35.05%)	31.92 (35.28%)	91.29 (34.72%)	0.00
	Temporary	50.51 (64.97%)	184.33 (64.71%)	217.81 (64.94%)	0.00	18.99 (65.06%)	0.00	0.00	270.07 (64.95%)	58.55 (64.72%)	171.65 (65.28%)	0.00
<i>Subtotal Seneca Lateral</i>		<i>77.74</i>	<i>284.87</i>	<i>335.38</i>	<i>0.00</i>	<i>29.19</i>	<i>0.00</i>	<i>0.00</i>	<i>415.82</i>	<i>90.47</i>	<i>262.94</i>	<i>0.00</i>
Berne Lateral	Permanent	1.81 (38.58%)	19.90 (47.57%)	22.47 (46.85%)	0.00	0.59 (59.84%)	0.00	0.00	21.98 (46.94%)	7.09 (44.37%)	3.91 (47.00%)	0.00
	Temporary	2.87 (61.42%)	21.93 (52.43%)	25.49 (53.15%)	0.00	0.40 (40.16%)	0.00	0.00	24.85 (53.06%)	8.89 (55.63%)	4.41 (53.00%)	0.00
<i>Subtotal Berne Lateral</i>		<i>4.68</i>	<i>41.82</i>	<i>47.96</i>	<i>0.00</i>	<i>0.99</i>	<i>0.00</i>	<i>0.00</i>	<i>46.83</i>	<i>15.98</i>	<i>8.32</i>	<i>0.00</i>
Clarrington Lateral	Permanent	94.15 (34.36%)	55.94 (33.74%)	88.68 (33.76%)	0.00	32.35 (35.04%)	0.24 (46.67%)	0.00	126.77 (34.53%)	47.93 (33.37%)	85.48 (34.47%)	1.91 (36.45%)
	Temporary	179.89 (65.64%)	109.87 (66.26%)	174.01 (66.24%)	0.00	59.98 (64.96%)	0.27 (53.33%)	0.00	240.32 (65.47%)	95.71 (66.63%)	162.47 (65.53%)	3.33 (63.55%)
<i>Subtotal Clarrington Lateral</i>		<i>274.04</i>	<i>165.81</i>	<i>262.69</i>	<i>0.00</i>	<i>92.33</i>	<i>0.51</i>	<i>0.00</i>	<i>367.09</i>	<i>143.63</i>	<i>247.95</i>	<i>5.24</i>

**TABLE 7A-4**  
**Summary of Soil Characteristics Affected by Construction and Operation of the Rover Pipelines**

Facility	Workspace	Slopes 8-25% (acres/%)	Slopes > 25% (acres/%)	Highly Water Erodible Land (acres/%) <sup>1</sup>	Highly Wind Erodible Land (acres/%) <sup>2</sup>	USDA Prime Farmland Designation (acres/%) <sup>3</sup>	Hydric Soils (acres/%) <sup>4</sup>	Compact Prone (acres/%) <sup>5</sup>	Shallow Soils (acres/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	Stony/Rocky Soils (acres/%) <sup>8</sup>	Droughty Soils (acres/%) <sup>9</sup>
Majorsville Lateral	Permanent	60.93 (52.70%)	72.48 (52.33%)	87.19 (52.50%)	0.00	35.20 (52.84%)	0.00	0.00	128.25 (52.28%)	46.11 (52.58%)	78.53 (52.38%)	0.64 (56.84%)
	Temporary	54.68 (47.30%)	66.03 (47.67%)	78.89 (47.50%)	0.00	31.42 (47.16%)	0.00	0.00	117.05 (47.72%)	41.58 (47.42%)	71.40 (47.62%)	0.49 (43.16%)
<i>Subtotal Majorsville Lateral</i>		<i>115.61</i>	<i>138.51</i>	<i>166.07</i>	<i>0.00</i>	<i>66.62</i>	<i>0.00</i>	<i>0.00</i>	<i>245.30</i>	<i>87.69</i>	<i>149.93</i>	<i>1.13</i>
Cadiz Lateral	Permanent	2.60 (38.89%)	4.52 (54.22%)	6.49 (47.25%)	0.00	10.21 (43.40%)	0.00	0.00	0.76 (32.50%)	6.12 (51.32%)	6.12 (51.32%)	0.00
	Temporary	4.09 (61.11%)	3.81 (45.78%)	7.24 (52.75%)	0.00	13.31 (56.60%)	0.00	0.00	1.59 (67.50%)	5.80 (48.68%)	5.80 (48.68%)	0.00
<i>Subtotal Cadiz Lateral</i>		<i>6.69</i>	<i>8.33</i>	<i>13.73</i>	<i>0.00</i>	<i>23.53</i>	<i>0.00</i>	<i>0.00</i>	<i>2.35</i>	<i>11.92</i>	<i>11.92</i>	<i>0.00</i>
Burgettstown Lateral	Permanent	187.14 (36.63%)	62.97 (38.94%)	108.96 (37.82%)	0.00	188.27 (36.71%)	1.79 (36.43%)	1.56 (35.21%)	204.55 (37.09%)	38.05 (37.61%)	108.80 (36.81%)	45.04 (35.81%)
	Temporary	323.72 (63.37%)	98.74 (61.06%)	179.16 (62.18%)	0.00	324.62 (63.29%)	3.12 (63.57%)	2.87 (64.79%)	346.96 (62.91%)	63.13 (62.39%)	186.81 (63.19%)	80.74 (64.19%)
<i>Subtotal Burgettstown Lateral</i>		<i>510.87</i>	<i>161.71</i>	<i>288.11</i>	<i>0.00</i>	<i>512.88</i>	<i>4.90</i>	<i>4.43</i>	<i>551.51</i>	<i>101.18</i>	<i>295.61</i>	<i>125.78</i>
Supply Connector Lines A and B	Permanent	55.29 (43.39%)	41.05 (43.79%)	75.96 (43.46%)	0.00	77.39 (42.85%)	0.00	4.15 (42.51%)	82.88 (43.27%)	14.52 (43.71%)	28.02 (42.72%)	0.22 (60.22%)
	Temporary	72.14 (56.61%)	52.69 (56.21%)	98.81 (56.54%)	0.00	103.24 (57.15%)	0.00	5.62 (57.49%)	108.65 (56.73%)	18.71 (56.29%)	37.56 (57.28%)	0.14 (39.78%)
<i>Subtotal Supply Connector</i>		<i>127.43</i>	<i>93.74</i>	<i>174.76</i>	<i>0.00</i>	<i>180.64</i>	<i>0.00</i>	<i>9.77</i>	<i>191.53</i>	<i>33.23</i>	<i>65.58</i>	<i>0.36</i>
<b>Mainlines</b>												
Mainlines A and B	Permanent	85.91 (42.09%)	37.16 (44.56%)	184.28 (42.38%)	11.45 (39.98%)	1,235.04 (40.88%)	478.45 (40.11%)	442.95 (40.00%)	80.73 (41.84%)	358.15 (40.20%)	48.87 (42.96%)	18.98 (42.40%)
	Temporary	118.18 (57.91%)	46.22 (55.44%)	250.56 (57.62%)	17.19 (60.02%)	1,785.80 (59.12%)	714.39 (59.89%)	664.49 (60.00%)	112.20 (58.16%)	532.72 (59.80%)	64.88 (57.04%)	25.79 (57.60%)
<i>Subtotal Mainline</i>		<i>204.09</i>	<i>83.38</i>	<i>434.84</i>	<i>28.64</i>	<i>3020.84</i>	<i>1192.83</i>	<i>1107.43</i>	<i>192.93</i>	<i>890.87</i>	<i>113.75</i>	<i>44.77</i>

**TABLE 7A-4**  
**Summary of Soil Characteristics Affected by Construction and Operation of the Rover Pipelines**

Facility	Workspace	Slopes 8-25% (acres/%)	Slopes > 25% (acres/%)	Highly Water Erodible Land (acres/%) <sup>1</sup>	Highly Wind Erodible Land (acres/%) <sup>2</sup>	USDA Prime Farmland Designation (acres/%) <sup>3</sup>	Hydric Soils (acres/%) <sup>4</sup>	Compact Prone (acres/%) <sup>5</sup>	Shallow Soils (acres/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>	Stony/Rocky Soils (acres/%) <sup>8</sup>	Droughty Soils (acres/%) <sup>9</sup>
Market Segment	Permanent	29.30 (38.23%)	3.16 (43.24%)	108.49 (37.27%)	92.39 (37.83%)	550.28 (35.24%)	200.60 (35.53%)	129.99 (34.51%)	0.00	108.89 (36.84%)	1.15 (32.55%)	103.82 (37.50%)
	Temporary	47.34 (61.77%)	4.15 (56.76%)	182.61 (62.73%)	151.83 (62.17%)	1,011.13 (64.76%)	364.05 (64.47%)	246.65 (65.49%)	0.00	186.67 (63.16%)	2.38 (67.45%)	173.03 (62.50%)
<i>Subtotal Market Segment</i>		<i>76.64</i>	<i>7.31</i>	<i>291.10</i>	<i>244.22</i>	<i>1561.41</i>	<i>564.65</i>	<i>376.64</i>	<i>0.00</i>	<i>295.56</i>	<i>3.53</i>	<i>276.85</i>

- 1 Water erosion potential was determined by slope and K factor values for each soil type. If soils have slopes > 5% and a K factor > 0.32 or if all slopes are greater than 15% regardless of K factor then soil erosion by water is rated as high.
- 2 WEGs were obtained from the SSURGO GIS geodatabase. WEGs range from one to eight, with one being the highest potential for wind erosion, and eight the lowest. Highly wind erodible soils include those in WEGs 1 or 2.
- 3 Prime farmland soils include prime farmland and farmland of statewide importance, as designated by the NRCS. There are no farmlands of unique importance listed along the Project corridor.
- 4 "Urban Land" and "Udorthents" map units do not have a NRCS designated hydric soil status. These map units were considered to be non-hydric soils and are listed as "No" or "Unranked" based on SSURGO data.
- 5 Compaction potential includes those soils with clay loam or finer texture and a somewhat poor, poor, or very poorly drained drainage class.
- 6 Shallow soils are those soils that have bedrock less than 60 inches, as recorded in the SSURGO database.
- 7 The ability of soils within the Project area to support successful revegetation was determined by using the revegetation potential of grasses as recorded in the SSURGO database.
- 8 Stony/Rocky soils include those with a cobbly, stony, bouldery, shaly, channery, very gravelly, or extremely gravelly modifier to the textural class of the surface layer and/or that have a surface layer that contains greater than 5 percent by weight rock fragments larger than 3 inches.
- 9 Droughty soils include those with sandy loam or coarser texture and are moderately to excessively well drained).

**TABLE 7A-5**  
**Summary of Soil Characteristics Crossed by Access Roads**

Facility	Total Miles <sup>1</sup>	Prime Farmland (miles/%) <sup>2</sup>		Hydric Soils (miles/%) <sup>3</sup>		Compact Prone (miles/%) <sup>4</sup>		Highly Water Erodible Land (miles/%) <sup>5</sup>		Highly Wind Erodible Land (miles/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (miles/%) <sup>7</sup>	
		Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads
<b>Supply Laterals</b>													
Sherwood Lateral	123.27	0.26 (0.21%)	14.78 (11.99%)	0.00	0.03 (0.02%)	0.00	0.00	1.39 (1.13%)	16.24 (13.17%)	0.00	0.00	0.50 (0.41%)	6.41 (5.20%)
CGT Lateral	15.87	0.00	1.41 (8.88%)	0.00	0.00	0.00	0.00	0	2.70 (17.01%)	0.00	0.00	0.00	1.97 (12.41%)
Seneca Lateral	60.83	0.00	1.43 (2.35%)	0.00	0.00	0.00	0.00	0	6.06 (9.96%)	0.00	0.00	0	0.64 (1.05%)
Clarrington Lateral	106.41	0.25 (0.23%)	3.02 (2.84%)	0.00	0.00	0.00	0.00	0.06 (0.06%)	5.59 (5.25%)	0.00	0.00	0.02 (0.02%)	2.43 (2.28%)
Majorsville Lateral	63.22	0.40 (0.63%)	4.67 (7.39%)	0.00	0.00	0.00	0.00	0.56 (0.89%)	4.53 (7.17%)	0.00	0.00	0.08 (0.13%)	2.14 (3.39%)
Burgettstown Lateral	15.47	0.24 (1.55%)	2.83 (18.29%)	0.00	0.00	0.00	0.00	0.39 (2.52%)	0.86 (5.56%)	0.00	0.00	0.29 (1.87%)	0.12 (0.78%)
Cadiz Lateral	3.96	0	0.04 (1.01%)	0.00	0.00	0.00	0.00	0.01 (0.25%)	0.94 (23.74%)	0.00	0.00	0.20 (5.05%)	1.02 (25.76%)
<i>Subtotal</i>	389.03	1.15 (0.30%)	28.18 (7.24%)	0	0.03 (0.01%)	0.00	0.00	2.41 (0.62%)	36.92 (9.49%)	0.00	0.00	1.09 (0.28%)	14.73 (3.79%)
<b>Mainlines</b>													
Mainlines A and B	7.44	1.03 (13.84%)	1.17 (15.73%)	0.34 (4.57%)	0.10 (1.34%)	0.36 (4.84%)	0.09 (1.21%)	0.23 (3.09%)	0.52 (6.99%)	0	0	0.15 (2.02%)	0.31 (4.17%)
Market Segment	10.01	0.45 (4.50%)	2.25 (22.48%)	0.16 (1.60%)	0.43 (4.30%)	0.07 (0.70%)	0.16 (1.60%)	0.00	0.52 (5.19%)	0.15 (1.50%)	0.12 (1.20%)	0.13 (1.30%)	0.30 (3.00%)
<i>Subtotal</i>	17.45	1.48 (8.48%)	3.42 (19.60%)	0.50 (2.87%)	0.53 (3.04%)	0.43 (2.46%)	0.25 (1.43%)	0.23 (1.32%)	1.04 (5.96%)	0.15 (0.86%)	0.12 (0.69%)	0.28 (1.60%)	0.61 (3.50%)
<b>Total</b>	<b>406.48</b>	<b>2.63</b>	<b>31.60</b>	<b>0.50</b>	<b>0.56</b>	<b>0.43</b>	<b>0.25</b>	<b>2.64</b>	<b>37.96</b>	<b>0.15</b>	<b>0.12</b>	<b>1.37</b>	<b>15.34 (3.77%)</b>

**TABLE 7A-5**  
**Summary of Soil Characteristics Crossed by Access Roads**

Facility	Total Miles <sup>1</sup>	Prime Farmland (miles/%) <sup>2</sup>		Hydric Soils (miles/%) <sup>3</sup>		Compact Prone (miles/%) <sup>4</sup>		Highly Water Erodible Land (miles/%) <sup>5</sup>		Highly Wind Erodible Land (miles/%) <sup>6</sup>		Poor/Very Poor Revegetation Potential (miles/%) <sup>7</sup>	
		Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads	Permanent Access Roads	Temporary Access Roads
		(0.65%)	(7.77%)	(0.12%)	(0.14%)	(0.11%)	(0.06%)	(0.65%)	(9.34%)	(0.04%)	(0.03%)	(0.34%)	

- 1 Percentages reflect length of impact divided by total miles of access road associated with pipeline facility.
- 2 Prime farmland soils include prime farmland and farmland of statewide importance, as designated by the NRCS. There are no farmlands of unique importance listed along the Project corridor.
- 3 "Urban Land" and "Udorthents" map units do not have a NRCS designated hydric soil status. These map units were considered to be non-hydric soils and are listed as "No" or "Unranked" based on SSURGO data.
- 4 Compaction Prone includes those soils with clay loam or finer texture and a somewhat poor, poor, or very poorly drained drainage class.
- 5 Water erosion potential was determined by slope and K factor values for each soil type. If soils have slopes > 5% and a K factor > 0.32 or if all slopes are greater than 15% regardless of K factor then soil erosion by water is rated as high.
- 6 Wind Erodibility Groups (WEGs) were obtained from the SSURGO GIS geodatabase. WEGs range from one to eight, with one being the highest potential for wind erosion, and eight the lowest. Highly wind erodible soils include those in WEGs 1 or 2.
- 7 The ability of soils within the Project area to support successful revegetation was determined by using the revegetation potential of grasses as recorded in the SSURGO database.

**TABLE 7A-6**  
**Summary of Soil Characteristics at Contractor Yards**

State	County	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>	Hydric Soils (acres/%) <sup>3</sup>	Compact Prone (acres/%) <sup>4</sup>	Highly Water Erodible Land (acres/%) <sup>5</sup>	Highly Wind Erodible Land (acres/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>
WV	Marshall	38.99	0.00	0.00	0.00	0.00	0.00	0.00
WV	Tyler	17.95	17.93 (99.89%)	4.38 (24.40%)	0.00	7.10 (39.55%)	0.00	0.00
<i>Subtotal</i>		<i>56.94</i>	<i>17.93 (31.49%)</i>	<i>4.38 (7.69%)</i>	<i>0.00</i>	<i>7.10 (12.47%)</i>	<i>0.00</i>	<i>0.00</i>
Ohio	Ashland	21.3	14.23 (66.81%)	1.50 (7.04%)	0.00	3.64 (17.09%)	0.00	0.00
Ohio	Crawford	66.81	62.67 (93.80%)	14.52 (21.73%)	3.40 (5.09%)	0.00	0.00	3.40 (5.09%)
Ohio	Defiance	23.66	23.66 (100.00%)	4.24 (17.92%)	23.66 (100.00%)	0.00	0.00	4.24 (17.92%)
Ohio	Harrison	47.99	21.08 (43.93%)	0.00	0.00	26.92 (56.10%)	0.00	26.92 (56.10%)
Ohio	Jefferson	199.97	5.71 (2.86%)	0.00	0.00	18.27 (9.14%)	0.00	20.30 (10.15%)
Ohio	Monroe	8.61	7.88 (91.52%)	0.00	0.00	0.01 (0.12%)	0.00	0.01 (0.12%)
Ohio	Richland	22.99	21.85 (95.04%)	0.00	0.00	4.56 (19.83%)	0.00	0.00
Ohio	Tuscarawas	83.38	36.73 (44.05%)	12.32 (14.78%)	0.00	22.34 (26.79%)	0.00	24.85 (29.80%)
<i>Subtotal</i>		<i>474.71</i>	<i>193.81 (40.83%)</i>	<i>32.58 (6.86%)</i>	<i>27.06 (5.70%)</i>	<i>75.74 (15.96%)</i>	<i>0.00</i>	<i>79.72 (16.79%)</i>
Michigan	Livingston	15.54	13.86 (89.19%)	0.00	0.00	0.00	0.71 (4.57%)	0.71 (4.57%)
Michigan	Monroe	43.52	1.47 (3.38%)	41.43 (95.20%)	0.00	0.00	2.09 (4.80%)	0.00
<i>Subtotal</i>		<i>59.06</i>	<i>15.33 (25.96%)</i>	<i>41.43 (70.15%)</i>	<i>0.00</i>	<i>0.00</i>	<i>2.80 (4.74%)</i>	<i>0.71 (1.20%)</i>
<b>Total</b>		<b>590.71</b>	<b>227.07 (38.44%)</b>	<b>78.39 (13.27%)</b>	<b>27.06 (4.58%)</b>	<b>82.84 (14.02%)</b>	<b>2.80 (0.47%)</b>	<b>80.43 (13.62%)</b>

1 Percentages reflect acres of impact divided by total acres of contractor yards in county. Typically there is one contractor yard per listed county. There are two contractor yards in Tuscarawas County.

2 Prime farmland soils include prime farmland and farmland of statewide importance, as designated by the NRCS. There are no farmlands of unique importance listed

**TABLE 7A-6**  
**Summary of Soil Characteristics at Contractor Yards**

State	County	Total Acres <sup>1</sup>	Prime Farmland (acres/%) <sup>2</sup>	Hydric Soils (acres/%) <sup>3</sup>	Compact Prone (acres/%) <sup>4</sup>	Highly Water Erodible Land (acres/%) <sup>5</sup>	Highly Wind Erodible Land (acres/%) <sup>6</sup>	Poor/Very Poor Revegetation Potential (acres/%) <sup>7</sup>
<p>along the Project corridor.</p> <p>3 "Urban Land" and "Udorthents" map units do not have a NRCS designated hydric soil status. These map units were considered to be non-hydric soils and are listed as "No" or "Unranked" based on SSURGO data.</p> <p>4 Compaction Prone includes those soils with clay loam or finer texture and a somewhat poor, poor, or very poorly drained drainage class.</p> <p>5 Water erosion potential was determined by slope and K factor values for each soil type. If soils have slopes &gt; 5% and a K factor &gt; 0.32 or if all slopes are greater than 15% regardless of K factor then soil erosion by water is rated as high.</p> <p>6 Wind Erodibility Groups (WEGs) were obtained from the SSURGO GIS geodatabase. WEGs range from one to eight, with one being the highest potential for wind erosion, and eight the lowest. Highly wind erodible soils include those in WEGs 1 or 2.</p> <p>7 The ability of soils within the Project area to support successful revegetation was determined by using the revegetation potential of grasses as recorded in the SSURGO database</p>								

**TABLE 7A-7  
 Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
<b>Supply Laterals</b>				
Sherwood Lateral	34.81 - 34.95	Monroe	Ohio	0.14
Clarington Lateral	11.57 - 11.66	Belmont	Ohio	0.09
Burgettstown Lateral	22.53 - 22.59	Jefferson	Ohio	0.06
	35.93 - 36.02	Carroll	Ohio	0.09
	36.37 - 36.52	Carroll	Ohio	0.15
	37.23 - 37.37	Carroll	Ohio	0.14
	37.77 - 37.96	Carroll	Ohio	0.19
	38.34 - 38.43	Carroll	Ohio	0.09
	40.01 - 40.44	Carroll	Ohio	0.43
	41.47 - 41.58	Carroll	Ohio	0.11
Supply Laterals A and B	43.37 - 43.45	Carroll	Ohio	0.08
	4.67 - 5.37	Harrison	Ohio	0.7
	18.63 - 18.76	Carroll	Ohio	0.13
<b>Mainlines</b>				
Mainlines A and B	20.28 - 20.67	Carroll	Ohio	0.39
	23.01 - 23.17	Tuscarawas	Ohio	0.16
	24.19 - 24.25	Tuscarawas	Ohio	0.06
	24.40 - 24.86	Tuscarawas	Ohio	0.46
	26.08 - 26.27	Tuscarawas	Ohio	0.19
	26.41 - 26.71	Tuscarawas	Ohio	0.3
	26.93 - 27.35	Tuscarawas	Ohio	0.42
	27.46 - 28.04	Tuscarawas	Ohio	0.58
	28.21 - 28.41	Tuscarawas	Ohio	0.2
	28.54 - 29.15	Tuscarawas	Ohio	0.61
	29.34 - 29.52	Tuscarawas	Ohio	0.18
	29.85 - 30.02	Tuscarawas	Ohio	0.17
	33.40 - 33.84	Tuscarawas	Ohio	0.44
	34.87 - 35.20	Tuscarawas	Ohio	0.33
	35.85 - 36.06	Tuscarawas	Ohio	0.21
	36.79 - 36.86	Tuscarawas	Ohio	0.07
	39.80 - 40.28	Stark	Ohio	0.48
	41.03 - 41.57	Stark	Ohio	0.54
	41.93 - 42.05	Stark	Ohio	0.12
	42.41 - 42.60	Stark	Ohio	0.19
	42.90 - 43.13	Stark	Ohio	0.23
	43.13 - 43.35	Stark	Ohio	0.22
	43.52 - 43.64	Stark	Ohio	0.12
	44.27 - 44.46	Stark	Ohio	0.19
	44.69 - 44.99	Stark	Ohio	0.3
	45.36 - 45.54	Stark	Ohio	0.18
	46.18 - 46.51	Stark	Ohio	0.33
47.07 - 47.47	Stark	Ohio	0.4	
48.08 - 48.32	Stark	Ohio	0.24	
50.23 - 50.46	Stark	Ohio	0.23	
51.36 - 51.48	Stark	Ohio	0.12	



**TABLE 7A-7**  
**Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
Mainlines A and B	51.48 - 51.74	Wayne	Ohio	0.26
	52.32 - 52.46	Wayne	Ohio	0.14
	54.42 - 54.58	Wayne	Ohio	0.16
	55.66 - 55.73	Wayne	Ohio	0.07
	56.43 - 56.63	Wayne	Ohio	0.2
	57.90 - 58.11	Wayne	Ohio	0.21
	58.28 - 58.39	Wayne	Ohio	0.11
	58.78 - 58.93	Wayne	Ohio	0.15
	59.14 - 59.22	Wayne	Ohio	0.08
	62.15 - 62.39	Wayne	Ohio	0.24
	62.65 - 62.78	Wayne	Ohio	0.13
	62.99 - 63.29	Wayne	Ohio	0.3
	63.67 - 64.17	Wayne	Ohio	0.5
	64.65 - 65.48	Wayne	Ohio	0.83
	65.60 - 65.82	Wayne	Ohio	0.22
	66.01 - 66.14	Wayne	Ohio	0.13
	66.37 - 66.46	Wayne	Ohio	0.09
	67.18 - 67.41	Wayne	Ohio	0.23
	67.41 - 67.82	Wayne	Ohio	0.41
	68.37 - 68.44	Wayne	Ohio	0.07
	68.90 - 69.07	Wayne	Ohio	0.17
	69.59 - 69.83	Wayne	Ohio	0.24
	70.09 - 70.17	Wayne	Ohio	0.08
	70.45 - 70.63	Wayne	Ohio	0.18
	71.10 - 71.25	Wayne	Ohio	0.15
	71.91 - 72.80	Wayne	Ohio	0.89
	72.94 - 73.02	Wayne	Ohio	0.08
	73.82 - 73.91	Wayne	Ohio	0.09
	74.11 - 74.29	Wayne	Ohio	0.18
	74.74 - 74.89	Wayne	Ohio	0.15
	75.28 - 75.56	Wayne	Ohio	0.28
	75.73 - 76.17	Wayne	Ohio	0.44
	76.74 - 76.82	Wayne	Ohio	0.08
	77.60 - 77.80	Wayne	Ohio	0.2
	77.98 - 79.18	Wayne	Ohio	1.2
	79.90 - 80.25	Ashland	Ohio	0.35
	80.60 - 80.74	Ashland	Ohio	0.14
	81.14 - 81.20	Ashland	Ohio	0.06
	81.51 - 81.61	Ashland	Ohio	0.1
	81.68 - 82.04	Ashland	Ohio	0.36
82.18 - 82.30	Ashland	Ohio	0.12	
82.36 - 82.57	Ashland	Ohio	0.21	
83.44 - 83.58	Ashland	Ohio	0.14	
83.92 - 84.09	Ashland	Ohio	0.17	
84.30 - 84.51	Ashland	Ohio	0.21	
84.91 - 85.15	Ashland	Ohio	0.24	

**TABLE 7A-7**  
**Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
Mainlines A and B	85.37 - 85.46	Ashland	Ohio	0.09
	85.65 - 86.18	Ashland	Ohio	0.53
	86.91 - 87.01	Ashland	Ohio	0.1
	87.12 - 87.21	Ashland	Ohio	0.09
	87.29 - 87.41	Ashland	Ohio	0.12
	88.20 - 88.77	Ashland	Ohio	0.57
	88.85 - 89.15	Ashland	Ohio	0.3
	89.30 - 90.57	Ashland	Ohio	1.27
	90.72 - 91.07	Ashland	Ohio	0.35
	91.30 - 91.68	Ashland	Ohio	0.38
	91.79 - 92.79	Ashland	Ohio	1
	92.93 - 93.01	Ashland	Ohio	0.08
	93.83 - 94.36	Ashland	Ohio	0.53
	94.44 - 94.58	Ashland	Ohio	0.14
	94.67 - 94.89	Ashland	Ohio	0.22
	95.05 - 95.45	Ashland	Ohio	0.4
	95.67 - 96.19	Richland	Ohio	0.52
	96.29 - 96.60	Richland	Ohio	0.31
	96.70 - 97.17	Richland	Ohio	0.47
	97.23 - 97.33	Richland	Ohio	0.1
	97.98 - 98.19	Richland	Ohio	0.21
	98.53 - 98.80	Richland	Ohio	0.27
	98.99 - 99.07	Richland	Ohio	0.08
	99.20 - 99.48	Richland	Ohio	0.28
	99.63 - 99.99	Richland	Ohio	0.36
	100.07 - 100.24	Richland	Ohio	0.17
	100.56 - 100.70	Richland	Ohio	0.14
	100.77 - 100.99	Richland	Ohio	0.22
	101.27 - 101.53	Richland	Ohio	0.26
	102.05 - 102.18	Richland	Ohio	0.13
	102.34 - 102.45	Richland	Ohio	0.11
	102.54 - 103.08	Richland	Ohio	0.54
	103.42 - 104.14	Richland	Ohio	0.72
	104.62 - 104.89	Richland	Ohio	0.27
	105.36 - 105.49	Richland	Ohio	0.13
	105.73 - 106.60	Richland	Ohio	0.87
	106.70 - 107.32	Richland	Ohio	0.62
	107.45 - 108.81	Richland	Ohio	1.36
	109.07 - 113.03	Richland	Ohio	3.96
	113.03 - 115.28	Crawford	Ohio	2.25
115.64 - 119.08	Crawford	Ohio	3.44	
119.42 - 122.52	Crawford	Ohio	3.1	
122.52 - 122.73	Crawford	Ohio	0.21	
122.52 - 122.73	Crawford	Ohio	0.21	
122.73 - 122.83	Crawford	Ohio	0.1	
122.83 - 123.59	Crawford	Ohio	0.76	

**TABLE 7A-7**  
**Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
Mainlines A and B	122.83 - 123.59	Crawford	Ohio	0.76
	123.59 - 124.79	Crawford	Ohio	1.2
	123.59 - 124.79	Crawford	Ohio	1.2
	124.79 - 127.58	Crawford	Ohio	2.79
	127.66 - 130.74	Crawford	Ohio	3.08
	130.74 - 134.86	Seneca	Ohio	4.12
	134.97 - 135.24	Seneca	Ohio	0.27
	135.41 - 136.28	Seneca	Ohio	0.87
	136.51 - 137.92	Seneca	Ohio	1.41
	138.05 - 138.37	Seneca	Ohio	0.32
	138.47 - 139.19	Seneca	Ohio	0.72
	139.41 - 140.34	Seneca	Ohio	0.93
	140.48 - 141.48	Seneca	Ohio	1
	141.56 - 142.07	Seneca	Ohio	0.51
	142.20 - 142.43	Seneca	Ohio	0.23
	142.43 - 142.91	Seneca	Ohio	0.48
	142.43 - 142.91	Seneca	Ohio	0.48
	142.91 - 145.45	Seneca	Ohio	2.54
	145.52 - 146.12	Seneca	Ohio	0.6
	146.41 - 146.70	Seneca	Ohio	0.29
	146.91 - 147.96	Seneca	Ohio	1.05
	148.11 - 150.94	Seneca	Ohio	2.83
	151.04 - 151.68	Seneca	Ohio	0.64
	151.68 - 153.07	Seneca	Ohio	1.39
	153.12 - 154.19	Seneca	Ohio	1.07
	154.19 - 159.77	Hancock	Ohio	5.58
	159.77 - 162.38	Wood	Ohio	2.61
	162.47 - 168.43	Wood	Ohio	5.96
	168.74 - 169.99	Wood	Ohio	1.25
	170.10 - 171.51	Wood	Ohio	1.41
	171.65 - 172.00	Wood	Ohio	0.35
	172.09 - 172.91	Wood	Ohio	0.82
	173.10 - 173.80	Wood	Ohio	0.7
	173.80 - 174.05	Wood	Ohio	0.25
	173.80 - 174.05	Wood	Ohio	0.25
	174.05 - 176.13	Wood	Ohio	2.08
176.21 - 182.41	Wood	Ohio	6.2	
182.41 - 183.92	Henry	Ohio	1.51	
183.99 - 186.38	Henry	Ohio	2.39	
186.59 - 191.16	Henry	Ohio	4.57	
191.25 - 195.38	Henry	Ohio	4.13	
195.38 - 196.02	Henry	Ohio	0.64	
195.38 - 196.02	Henry	Ohio	0.64	
196.02 - 196.96	Henry	Ohio	0.94	
197.09 - 199.04	Henry	Ohio	1.95	
199.04 - 199.79	Henry	Ohio	0.75	

**TABLE 7A-7  
 Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
Mainlines A and B	199.04 - 199.79	Henry	Ohio	0.75
	199.79 - 200.24	Henry	Ohio	0.45
	200.65 - 201.03	Henry	Ohio	0.38
	201.03 - 201.29	Defiance	Ohio	0.26
	201.42 - 204.16	Defiance	Ohio	2.74
	204.29 - 204.54	Defiance	Ohio	0.25
	204.67 - 207.68	Defiance	Ohio	3.01
	207.79 - 209.20	Defiance	Ohio	1.41
	209.30 - 209.53	Defiance	Ohio	0.23
Market Segment	0.00 - 0.39	Defiance	Ohio	0.39
	0.51 - 0.79	Defiance	Ohio	0.28
	0.91 - 1.09	Defiance	Ohio	0.18
	1.19 - 1.51	Defiance	Ohio	0.32
	1.63 - 2.71	Defiance	Ohio	1.08
	2.83 - 3.30	Defiance	Ohio	0.47
	3.80 - 5.36	Defiance	Ohio	1.56
	5.36 - 5.83	Henry	Ohio	0.47
	6.02 - 6.72	Henry	Ohio	0.7
	6.81 - 7.17	Henry	Ohio	0.36
	7.29 - 8.14	Henry	Ohio	0.85
	8.40 - 10.33	Henry	Ohio	1.93
	10.33 - 10.37	Fulton	Ohio	0.04
	10.94 - 12.13	Fulton	Ohio	1.19
	12.63 - 13.12	Fulton	Ohio	0.49
	13.83 - 13.99	Fulton	Ohio	0.16
	14.39 - 23.96	Fulton	Ohio	9.57
	24.08 - 27.26	Fulton	Ohio	3.18
	27.26 - 28.49	Lenawee	Michigan	1.23
	28.66 - 29.06	Lenawee	Michigan	0.4
	29.10 - 29.88	Lenawee	Michigan	0.78
	29.97 - 31.49	Lenawee	Michigan	1.52
	31.68 - 36.04	Lenawee	Michigan	4.36
	36.59 - 36.92	Lenawee	Michigan	0.33
	38.27 - 38.64	Lenawee	Michigan	0.37
	38.80 - 39.16	Lenawee	Michigan	0.36
	39.28 - 40.69	Lenawee	Michigan	1.41
	41.35 - 41.46	Lenawee	Michigan	0.11
	41.65 - 42.29	Lenawee	Michigan	0.64
	42.96 - 43.37	Lenawee	Michigan	0.41
43.75 - 44.34	Lenawee	Michigan	0.59	
45.29 - 47.12	Lenawee	Michigan	1.83	
47.38 - 48.71	Lenawee	Michigan	1.33	
49.31 - 51.15	Lenawee	Michigan	1.84	
51.28 - 51.41	Lenawee	Michigan	0.13	
51.56 - 52.74	Lenawee	Michigan	1.18	

**TABLE 7A-7**  
**Cropland Crossed by the Rover Pipelines**

Facility	MPs	County	State	Approximate Crossing Length (Miles)
Market Segment	53.05 - 53.18	Lenawee	Michigan	0.13
	53.51 - 53.72	Lenawee	Michigan	0.21
	54.43 - 54.54	Lenawee	Michigan	0.11
	55.25 - 55.46	Lenawee	Michigan	0.21
	55.68 - 56.29	Lenawee	Michigan	0.61
	56.29 - 56.36	Washtenaw	Michigan	0.07
	56.46 - 56.66	Washtenaw	Michigan	0.2
	56.98 - 57.35	Washtenaw	Michigan	0.37
	57.44 - 57.80	Washtenaw	Michigan	0.36
	58.13 - 58.26	Washtenaw	Michigan	0.13
	58.44 - 58.57	Washtenaw	Michigan	0.13
	59.86 - 60.08	Washtenaw	Michigan	0.22
	60.19 - 60.83	Washtenaw	Michigan	0.64
	63.17 - 63.58	Washtenaw	Michigan	0.41
	63.97 - 64.39	Washtenaw	Michigan	0.42
	64.74 - 65.02	Washtenaw	Michigan	0.28
	65.20 - 66.34	Washtenaw	Michigan	1.14
	67.27 - 67.63	Washtenaw	Michigan	0.36
	67.93 - 69.26	Washtenaw	Michigan	1.33
	69.38 - 69.51	Washtenaw	Michigan	0.13
	69.60 - 69.89	Washtenaw	Michigan	0.29
	70.52 - 70.75	Washtenaw	Michigan	0.23
	71.48 - 71.70	Washtenaw	Michigan	0.22
	71.80 - 72.78	Washtenaw	Michigan	0.98
	73.01 - 73.10	Washtenaw	Michigan	0.09
	73.23 - 73.76	Washtenaw	Michigan	0.53
	73.99 - 74.14	Washtenaw	Michigan	0.15
	75.55 - 76.43	Washtenaw	Michigan	0.88
	77.38 - 77.51	Washtenaw	Michigan	0.13
	77.88 - 78.90	Washtenaw	Michigan	1.02
	79.09 - 80.22	Washtenaw	Michigan	1.13
	80.32 - 80.55	Washtenaw	Michigan	0.23
	80.85 - 81.17	Washtenaw	Michigan	0.32
	81.49 - 81.69	Washtenaw	Michigan	0.2
	81.76 - 81.94	Washtenaw	Michigan	0.18
87.30 - 87.46	Livingston	Michigan	0.16	
88.97 - 89.11	Livingston	Michigan	0.14	
90.14 - 90.43	Livingston	Michigan	0.29	
92.01 - 92.26	Livingston	Michigan	0.25	
92.90 - 93.04	Livingston	Michigan	0.14	
96.39 - 96.84	Livingston	Michigan	0.43	
98.82 - 98.93	Livingston	Michigan	0.95	
99.40 - 99.50	Livingston	Michigan	0.49	
99.86 - 99.99	Livingston	Michigan	1.08	

Source:: USDA 2013 CropScope - Cropland Data Layer  
 Note: Only pipeline facilities with cropland are included on this table.