



VOLUME IIA

APPENDIX 3A

Updated Table – June 2015

TABLE 3A-3 (Revised) Acres of Vegetation Potentially Affected by the Project 1

TABLE 3A-3 (Revised)
Acres of Vegetation Potentially Affected by the Project

Workspace Type/ Facility	State	Upland Forest		Open Uplands ¹		Agriculture		Forested Wetlands		Scrub/Shrub Wetlands		Emergent Wetlands		Total	
		Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
Supply Laterals															
<i>Sherwood Lateral</i>															
Pipeline	WV	496.11	178.14	22.14	7.16	75.91	27.41	0.05	0.04	0.00	0.00	0.56	0.49	594.77	213.24
	OH	246.39	86.78	17.09	5.03	49.01	17.60	0.17	0.19	0.07	0.11	0.46	0.28	313.19	109.99
<i>Pipeline Right-of-Way Subtotal:</i>		<i>742.50</i>	<i>264.92</i>	<i>39.23</i>	<i>12.19</i>	<i>124.92</i>	<i>45.01</i>	<i>0.22</i>	<i>0.23</i>	<i>0.07</i>	<i>0.11</i>	<i>1.02</i>	<i>0.77</i>	<i>907.96</i>	<i>323.23</i>
Sherwood CS	WV	19.79	6.55	5.80	5.20	4.34	0.00	0.04	0.00	0.00	0.00	0.00	0.00	29.97	11.75
Sherwood Receiver	OH	0.00	0.00	0.48	0.48	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	1.80	1.80
Access Roads	OH, WV	3.09	0.34	2.73	0.52	0.40	0.16	0.00	0.00	0.00	0.00	0.00	0.00	6.22	1.02
Sherwood CY	WV	0.00	0.00	17.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	17.95	0.00
<i>Sherwood Lateral Subtotal:</i>		<i>765.38</i>	<i>271.81</i>	<i>66.16</i>	<i>18.39</i>	<i>130.98</i>	<i>46.49</i>	<i>0.26</i>	<i>0.23</i>	<i>0.07</i>	<i>0.11</i>	<i>1.05</i>	<i>0.77</i>	<i>963.90</i>	<i>337.80</i>
<i>CGT Lateral</i>															
Pipeline	WV	65.58	32.86	1.53	0.76	0.85	0.42	0.00	0.00	0.00	0.00	0.00	0.00	67.96	34.04
CGT MS	WV	0.00	0.00	0.05	0.00	1.65	1.41	0.00	0.00	0.00	0.00	0.00	0.00	1.70	1.41
CGT Tie-In	WV	0.37	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.37
Access Roads	WV	0.12	0.06	0.07	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.06
<i>CGT Lateral Subtotal:</i>		<i>66.07</i>	<i>33.29</i>	<i>1.65</i>	<i>0.76</i>	<i>2.50</i>	<i>1.83</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>70.22</i>	<i>35.88</i>
<i>Seneca Lateral</i>															
Pipeline	OH	272.13	94.09	29.36	9.29	142.19	50.56	0.02	0.03	0.06	0.01	1.66	2.23	445.42	156.21
Seneca CS	OH	22.75	7.42	2.01	0.78	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.79	8.20
Hall Meter MS	OH	0.26	0.04	1.49	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.69
Gulfport MS	OH	0.19	0.19	0.03	0.03	0.89	0.89	0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.11

TABLE 3A-3 (Revised)
Acres of Vegetation Potentially Affected by the Project

Workspace Type/ Facility	State	Upland Forest		Open Uplands ¹		Agriculture		Forested Wetlands		Scrub/Shrub Wetlands		Emergent Wetlands		Total	
		Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
Access Roads	OH	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
Seneca CY	OH	0.35	0.34	0.00	0.00	9.04	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.39	4.12
<i>Seneca Lateral Subtotal:</i>		<i>296.17</i>	<i>101.74</i>	<i>43.60</i>	<i>10.75</i>	<i>143.62</i>	<i>51.45</i>	<i>0.02</i>	<i>0.03</i>	<i>0.06</i>	<i>0.01</i>	<i>1.66</i>	<i>2.23</i>	<i>485.13</i>	<i>166.21</i>
<i>Berne Lateral</i>															
Pipeline	OH	46.50	21.98	2.08	0.73	7.11	3.83	0.00	0.00	0.01	0.04	0.17	0.25	55.87	26.83
Berne MS	OH	0.35	0.34	0.00	0.00	9.04	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.39	4.12
Access Roads	Various	0.00	0.00	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
<i>Berne Lateral Subtotal:</i>		<i>46.85</i>	<i>22.32</i>	<i>2.15</i>	<i>0.80</i>	<i>16.15</i>	<i>7.61</i>	<i>0.00</i>	<i>0.00</i>	<i>0.01</i>	<i>0.04</i>	<i>0.17</i>	<i>0.25</i>	<i>65.33</i>	<i>31.02</i>
<i>Clarrington Lateral</i>															
Pipeline	OH	240.72	81.98	67.76	25.53	249.99	85.54	0.13	0.21	0.37	0.17	2.49	1.63	561.46	195.06
Clarrington CS	OH	21.71	10.67	5.12	1.33	13.25	3.80	0.00	0.00	0.00	0.00	0.00	0.03	40.08	15.83
Access Roads	OH	0.12	0.1	2.16	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28	2.23
Clarrington CY	OH	0.00	0.00	47.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.99	0.00
<i>Clarrington Lateral Subtotal:</i>		<i>262.55</i>	<i>92.75</i>	<i>123.03</i>	<i>28.99</i>	<i>263.24</i>	<i>89.34</i>	<i>0.13</i>	<i>0.21</i>	<i>0.37</i>	<i>0.17</i>	<i>2.49</i>	<i>1.66</i>	<i>651.81</i>	<i>213.12</i>
<i>Majorsville Lateral</i>															
Pipeline	WV	105.54	57.41	11.99	5.78	17.80	9.26	0.00	0.00	0.00	0.00	0.06	0.16	135.39	72.61
	OH	98.69	52.96	9.34	4.09	20.51	10.41	0.00	0.00	0.00	0.00	0.11	0.21	128.65	67.67
<i>Pipeline Right-of-Way Subtotal:</i>		<i>204.23</i>	<i>110.37</i>	<i>21.33</i>	<i>9.87</i>	<i>38.31</i>	<i>19.67</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.17</i>	<i>0.37</i>	<i>264.04</i>	<i>140.28</i>
Majorsville CY	WV	14.80	10.49	3.89	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.69	13.16
Majorsville MS	WV	2.96	0.84	0.94	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.90	0.92
Majorsville Receiver	OH	3.10	3.10	0.65	0.65	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	4.05	4.05
Access Roads	WV, OH	0.11	0.04	0.26	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.09
Majorsville CY	WV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Majorsville Lateral Subtotal:</i>		<i>225.20</i>	<i>124.84</i>	<i>27.07</i>	<i>13.32</i>	<i>38.61</i>	<i>19.97</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.17</i>	<i>0.37</i>	<i>291.05</i>	<i>158.50</i>

TABLE 3A-3 (Revised)
Acres of Vegetation Potentially Affected by the Project

Workspace Type/ Facility	State	Upland Forest		Open Uplands ¹		Agriculture		Forested Wetlands		Scrub/Shrub Wetlands		Emergent Wetlands		Total	
		Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
<i>Cadiz Lateral</i>															
Pipeline	OH	22.70	7.93	4.08	1.43	33.26	11.13	0.00	0.00	0.00	0.00	0.11	0.07	60.15	20.56
Cadiz CS	OH	0.00	0.00	0.00	0.00	20.65	12.21	0.00	0.00	0.00	0.00	0.00	0.00	20.65	12.21
Access Roads	OH	0.00	0.00	0.24	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.24
<i>Cadiz Lateral Subtotal:</i>		<i>22.70</i>	<i>7.93</i>	<i>4.32</i>	<i>1.67</i>	<i>53.91</i>	<i>23.34</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.00</i>	<i>0.11</i>	<i>0.07</i>	<i>81.04</i>	<i>33.01</i>
<i>Burgettstown Lateral</i>															
Pipeline	PA	127.51	49.88	10.11	3.23	20.56	7.07	0.05	0.09	0.15	0.02	0.30	0.33	158.68	60.62
	WV	64.55	24.33	4.01	1.62	17.66	5.86	0.00	0.00	0.00	0.00	0.04	0.03	86.26	31.84
	OH	329.51	128.01	33.27	9.96	221.47	75.16	0.03	0.07	3.29	2.39	1.28	1.34	588.85	216.93
<i>Pipeline Right-of-Way Subtotal:</i>		<i>521.57</i>	<i>202.22</i>	<i>47.39</i>	<i>14.81</i>	<i>259.69</i>	<i>88.09</i>	<i>0.08</i>	<i>0.16</i>	<i>3.44</i>	<i>2.41</i>	<i>1.62</i>	<i>1.70</i>	<i>833.79</i>	<i>309.39</i>
Burgettstown CS	PA	15.28	4.28	3.78	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	19.11	5.05
Burgettstown Receiver	OH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Access Roads	PA, WV, OH	0.00	0.00	0.1	0.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
Burgettstown CY	OH	0.00	0.00	199.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	199.97	0.00
<i>Burgettstown Lateral Subtotal:</i>		<i>536.85</i>	<i>206.50</i>	<i>246.77</i>	<i>15.68</i>	<i>259.69</i>	<i>88.09</i>	<i>0.08</i>	<i>0.16</i>	<i>3.97</i>	<i>2.41</i>	<i>5.61</i>	<i>1.70</i>	<i>1052.97</i>	<i>314.54</i>
<i>Supply Connector A and B</i>															
Pipeline	OH	204.50	90.25	17.39	6.61	85.47	34.78	0.24	0.45	0.18	0.24	3.10	2.21	310.88	134.54
Cadiz Tie-In	OH	3.10	3.10	0.91	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.01	4.01
Access Roads	OH	0.00	0.00	0.02	0	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.04
<i>Supply Connector A & B Subtotal:</i>		<i>207.60</i>	<i>93.35</i>	<i>18.32</i>	<i>7.52</i>	<i>85.51</i>	<i>34.82</i>	<i>0.24</i>	<i>0.45</i>	<i>0.18</i>	<i>0.24</i>	<i>3.10</i>	<i>2.21</i>	<i>314.95</i>	<i>138.59</i>
<i>Supply Lateral Subtotal:</i>		<i>2429.37</i>	<i>954.53</i>	<i>533.07</i>	<i>97.88</i>	<i>994.21</i>	<i>362.94</i>	<i>0.73</i>	<i>1.08</i>	<i>4.66</i>	<i>2.98</i>	<i>14.36</i>	<i>9.26</i>	<i>3976.40</i>	<i>1428.67</i>

TABLE 3A-3 (Revised)
Acres of Vegetation Potentially Affected by the Project

Workspace Type/ Facility	State	Upland Forest		Open Uplands ¹		Agriculture		Forested Wetlands		Scrub/Shrub Wetlands		Emergent Wetlands		Total	
		Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
Mainlines															
<i>Mainlines A and B</i>															
Pipeline Right-of-Way	OH	355.52	152.16	114.56	36.74	2807.08	1128.86	7.15	15.93	1.11	0.94	18.07	18.39	3303.49	1353.02
Mainline CS 1	OH	3.65	1.60	0.88	0.00	27.96	12.03	0.00	0.00	0.00	0.00	0.00	0.49	32.49	14.12
Mainline CS 2	OH	0.31	0.26	0.22	0.13	19.10	16.68	0.33	0.00	0.00	0.00	1.48	0.00	21.44	17.07
Mainline CS 3	OH	0.00	0.00	0.00	0.00	29.02	13.03	0.00	0.00	0.00	0.00	0.00	0.00	29.02	13.03
ANR MS	OH	0.00	0.00	0.07	0.00	8.63	4.59	0.00	0.00	0.00	0.00	0.00	0.00	8.70	4.59
Mainline B Receiver	OH	0.00	0.00	0.09	0.09	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00	1.04	1.04
Access Roads	OH	0.00	0.00	0.22	0.17	2.35	1.88	0.00	0.00	0.00	0.00	0.00	0.00	2.57	2.05
Dennison CY	OH	0.00	0.00	50.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.39	0.00	61.59	0.00
Dover CY	OH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ashland CY	OH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mansfield CY	OH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bucyrus CY	OH	0.00	0.00	66.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	66.81	0.00
Defiance CY	OH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Mainlines A and B Subtotal:</i>		<i>359.48</i>	<i>154.02</i>	<i>233.05</i>	<i>37.13</i>	<i>2895.09</i>	<i>1178.02</i>	<i>7.48</i>	<i>15.93</i>	<i>1.11</i>	<i>0.94</i>	<i>30.94</i>	<i>18.88</i>	<i>3527.15</i>	<i>1404.92</i>
<i>Market Segment</i>															
Pipeline	OH	4.79	0.61	16.64	5.53	471.68	157.81	1.90	3.26	0.00	0.00	0.24	0.24	495.25	167.45
	MI	220.82	86.28	36.48	0.00	913.23	310.45	3.46	6.69	9.38	8.12	20.28	19.17	1203.65	430.71
<i>Pipeline Right-of-Way Subtotal :</i>		<i>225.61</i>	<i>86.89</i>	<i>53.12</i>	<i>5.53</i>	<i>1384.91</i>	<i>468.26</i>	<i>5.36</i>	<i>9.95</i>	<i>9.38</i>	<i>8.12</i>	<i>20.52</i>	<i>19.41</i>	<i>1698.90</i>	<i>598.16</i>
Defiance CS	OH	0.00	0.00	1.44	0.95	20.94	14.60	0.00	0.00	0.00	0.00	0.00	0.00	22.38	15.55
Consumers Energy MS	OH	0.02	0.02	0.00	0.00	4.56	4.55	0.00	0.00	0.00	0.00	0.00	0.01	4.58	4.58
Vector MS	OH	0.00	0.00	1.02	1.02	7.38	7.38	0.00	0.00	0.00	0.00	0.00	0.00	8.40	8.40

TABLE 3A-3 (Revised)
Acres of Vegetation Potentially Affected by the Project

Workspace Type/ Facility	State	Upland Forest		Open Uplands ¹		Agriculture		Forested Wetlands		Scrub/Shrub Wetlands		Emergent Wetlands		Total	
		Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
Access Roads	OH and MI	0.49	0.49	0.51	0.51	0.63	0.63	0.00	0.00	0.00	0.00	0.01	0.00	1.64	1.63
Whitmore Lake Yard	MI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Oakville Yard	MI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Market Segment Subtotal:</i>		<i>226.12</i>	<i>87.40</i>	<i>56.09</i>	<i>8.01</i>	<i>1418.42</i>	<i>495.42</i>	<i>5.36</i>	<i>9.95</i>	<i>9.38</i>	<i>8.12</i>	<i>20.53</i>	<i>19.42</i>	<i>1735.90</i>	<i>628.32</i>
Mainlines Subtotal:		585.60	241.42	289.14	45.14	4313.51	1673.44	12.84	25.88	10.49	9.06	51.47	38.30	5263.05	2033.24
PROJECT TOTAL:		3014.97	1195.95	822.21	143.02	5307.72	2036.38	13.57	26.96	15.15	12.04	65.83	47.56	9239.45	3461.91

Notes:

Construction = Permanent right-of-way, temporary construction right-of-way, and additional temporary workspace (ATWS).

Operation = Permanently maintained land for pipeline right-of-way or station facilities.

Wetlands data in this table reflects surveys biological surveys conducted through October 2014.

CS = Compressor Station; CY = Contractor Yard; MS = Meter Station;.

¹ Includes Other; as defined in Table 8A-2 in Resource Report 8