

**APPENDIX L**  
**Wetlands Affected by the Leach XPress Project**



**APPENDIX L**  
**Wetlands Crossed or Impacted by the Leach XPress Project**

Feature ID	Approximate Milepost / Facility	Hydrologic Unit Code (8 digit)	Wetland Type <sup>a</sup>	Proposed Crossing Method	Approximate Crossing Length (feet)	Temporary Impacts (acres)	10-foot Corridor Operational Impacts (acres) <sup>b</sup>	30-foot Corridor Operational Impacts (acres) <sup>c</sup>
<b>LEX</b>								
<b>Greene County, PA</b>								
WA8GR201	0.3	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7GR008	1.8	05030106	PEM	Conventional Bore	35	0.1	0.0	0.0
WA7GR008	1.8	05030106	PEM	Conventional Bore	19	<0.1	0.0	0.0
<i>Greene County, PA Subtotal</i>					<i>54</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>
<b>Marshall County, WV</b>								
WA6MR010_PFO	1.8	05030106	PFO	Conventional Bore	34	<0.1	<0.1	<0.1
WA6MR010_PEM	1.8	05030106	PEM	Conventional Bore	55	0.1	0.0	0.0
WA6MR092	4.0	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR004	4.8	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR002	5.7	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR005	6.3	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR007	6.9	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR207	8.0, RR-1	05030106	PEM	Workspace Only	0 <sup>d</sup>	0.04	0.00	0.00
WA8MR208	8.1, RR-1	05030106	PEM	Workspace Only	0 <sup>d</sup>	0.01	0.00	0.00
WA8MR210	8.2, RR-1	05030106	PEM	Workspace Only	0 <sup>d</sup>	0.06	0.00	0.00
WA8MR014	9.7	05030106	PEM	Open-cut	66	0.2	0.0	0.0
WA6MR012	11.0	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR015	11.5	05030106	PEM	Open-cut	32	<0.1	0.0	0.0
WA8MR018	11.7	05030106	PFO	Open-cut	38	<0.1	<0.1	<0.1
WA8MR016	12.3	05030106	PEM	Open-cut	72	0.1	0.0	0.0
WA8MR015	12.5	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR154	12.7	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR017	13.4	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR027	13.5	05030106	PEM	Open-cut	72	0.1	0.0	0.0
WA8MR025	13.5	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MR024	13.9	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR086	21.2	05030106	PEM	Open-cut	12	0.2	0.0	0.0
WA8MR157	21.5	05030106	PEM	Open-cut	7	<0.1	0.0	0.0
WA6MR020	22.6	05030106	PEM	Open-cut	7	<0.1	0.0	0.0

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<b>Feature ID</b>	<b>Approximate Milepost / Facility</b>	<b>Hydrologic Unit Code (8 digit)</b>	<b>Wetland Type <sup>a</sup></b>	<b>Proposed Crossing Method</b>	<b>Approximate Crossing Length (feet)</b>	<b>Temporary Impacts (acres)</b>	<b>10-foot Corridor Operational Impacts (acres) <sup>b</sup></b>	<b>30-foot Corridor Operational Impacts (acres) <sup>c</sup></b>
WA6MR020	22.6	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR021	22.8	05030106	PSS	Open-cut	25	<0.1	<0.1	<0.1
WA8MR030	23.2	05030106	PEM	Open-cut	72	0.1	0.0	0.0
WA2MR070	24.3	05030106	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MR023	25.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
<i>Marshall County, WV Subtotal</i>					<i>564</i>	<i>1.3</i>	<i>&lt;0.1</i>	<i>0.1</i>
<b>Monroe County, OH</b>								
WA7MN014_PSS	25.8, RR-5	05030201	PSS	HDD	0 <sup>d</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA1MN085	30.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MN084	30.5	05030201	PEM	Open-cut	8	<0.1	0.0	0.0
WA1MN083	31.1	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MN033	31.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MN032	31.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MN013	34.8	05030201	PSS	Open-cut	96	0.1	<0.1	<0.1
WA1MN199_PSS	35.2	05030201	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MN199_PEM	35.2	05030201	PEM	Open-cut	41	0.1	0.0	0.0
WA6MN089	35.8	05030201	PEM	Open-cut	29	0.1	0.0	0.0
WA6MN090	35.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MN099	36.2	05030201	PEM	Open-cut	34	0.1	0.0	0.0
WA6MN100	36.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MN087	37.3	05030201	PEM	Open-cut	54	0.1	0.0	0.0
WA2MN088	38.1	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MN154	39.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3MN058	39.4	05030201	PEM	Open-cut	87	0.2	0.0	0.0
WA1MN155	39.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MN085	41.2	05030201	PEM	Open-cut	31	<0.1	0.0	0.0
WA8MN159_PEM	41.5	05030201	PEM	Open-cut	17	<0.1	0.0	0.0
WA3MN053	42.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA3MN047	42.9	05030201	PEM	Open-cut	58	0.1	0.0	0.0
WA3MN048	43.1	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3MN049	43.4	05030201	PEM	Open-cut	15	<0.1	0.0	0.0

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WA3MN051	43.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MN084	44.4	05030201	PEM	Open-cut	20	<0.1	0.0	0.0
WA2MN083	44.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MN150	45.7	05030201	PEM	Open-cut	3	<0.1	0.0	0.0
WA2MN076	46.2	05030201	PEM	Open-cut	28	0.1	0.0	0.0
WA2MN077	46.3	05030201	PEM	Open-cut	95	0.1	0.0	0.0
WA2MN081	46.4	05030201	PEM	Open-cut	51	0.1	0.0	0.0
WA2MN082	46.5	05030201	PEM	Open-cut	12	0.1	0.0	0.0
WA2MN081	46.5	05030201	PEM	Open-cut	79	0.1	0.0	0.0
WA2MN081	46.5	05030201	PEM	Open-cut	44	<0.1	0.0	0.0
WA1MN077	47.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MN073_PEM_D	47.6	05030201	PEM	Open-cut	136	0.2	0.0	0.0
WA1MN073_PFO	47.6	05030201	PFO	Open-cut	140	0.1	<0.1	0.1
WA1MN073_PEM_B	47.7	05030201	PEM	Open-cut	38	<0.1	0.0	0.0
WA1MN072	47.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MN081	49.2	05040005	PEM	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0
WA2MN074	50.3	05040005	PEM	Open-cut	27	<0.1	0.0	0.0
WA1MN069	51.0	05040005	PEM	Open-cut	27	<0.1	0.0	0.0
WA1MN065	52.3	05040005	PEM	Open-cut	29	0.1	0.0	0.0
WA6MN027	52.3	05040005	PEM	Open-cut	26	<0.1	0.0	0.0
WA6MN030	52.7	05040005	PEM	Open-cut	29	<0.1	0.0	0.0
WA6MN031	52.8	05040005	PEM	Open-cut	56	<0.1	0.0	0.0
<i>Monroe County, OH Subtotal</i>					<i>1,310</i>	<i>2.1</i>	<i>0.1</i>	<i>0.1</i>
<b>Noble County, OH</b>								
WA8NO036	53.3	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8NO038	53.7	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8NO039	53.8	05040005	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA8NO040	53.9	05040005	PEM	Open-cut	85	<0.1	0.0	0.0
WA8NO043	56.3	05030201	PSS	Open-cut	43	0.1	<0.1	<0.1
WA6NO045	56.4	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO044	56.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0

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WA6NO043	56.6	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO039	56.6	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO036	56.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8NO045	58.1	05030201	PEM	Open-cut	29	<0.1	0.0	0.0
WA2NO063_PSS	60.3	05040005	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2NO063_PEM_B	60.3	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4NO032	61.8	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3NO023	61.8	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3NO023	61.9	05040005	PEM	Open-cut	125	0.2	0.0	0.0
WA3NO023	61.9	05040005	PEM	Open-cut	97	0.1	0.0	0.0
WA3NO020	62.3	05040005	PEM	Open-cut	20	<0.1	0.0	0.0
WA3NO021	62.4	05040005	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO060	63.3	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO057	63.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO097	63.9	05030201	PEM	Open-cut	54	0.1	0.0	0.0
WA6NO095	63.9	05030201	PEM	Open-cut	14	<0.1	0.0	0.0
WA8NO215	64.3	05030201	PEM	Workspace Only	0 <sup>d</sup>	0.01	0.00	0.00
WA1NO112	64.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO110	64.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO111	64.5	05030201	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA1NO109	64.5	05030201	PEM	Open-cut	13	<0.1	0.0	0.0
WA3NO017	64.9	05030201	PEM	Open-cut	23	0.1	0.0	0.0
WA3NO013	65.2	05030201	PEM	Open-cut	46	0.1	0.0	0.0
WA3NO016	66.3	05030201	PEM	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0
WA3NO016	66.3	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3NO078	66.9	05030201	PEM	Open-cut	10	<0.1	0.0	0.0
WA3NO079	66.9	05030201	PEM	Open-cut	78	0.1	0.0	0.0
WA3NO080	66.9	05030201	PEM	Open-cut	17	0.1	0.0	0.0
WA3NO081	67.0	05030201	PEM	HDD	28	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA2NO056	68.7	05030201	PEM	Open-cut	14	<0.1	0.0	0.0
WA4NO019	68.7	05030201	PEM	Open-cut	7	<0.1	0.0	0.0

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<b>Feature ID</b>	<b>Approximate Milepost / Facility</b>	<b>Hydrologic Unit Code (8 digit)</b>	<b>Wetland Type <sup>a</sup></b>	<b>Proposed Crossing Method</b>	<b>Approximate Crossing Length (feet)</b>	<b>Temporary Impacts (acres)</b>	<b>10-foot Corridor Operational Impacts (acres) <sup>b</sup></b>	<b>30-foot Corridor Operational Impacts (acres) <sup>c</sup></b>
WA4NO021	69.1	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4NO022	69.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4NO023	69.4	05030201	PEM	Open-cut	65	0.1	0.0	0.0
WA4NO023	69.4	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4NO024	69.7	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4NO025	69.9	05030201	PEM	Open-cut	9	<0.1	0.0	0.0
WA4NO026	69.9	05030201	PEM	Open-cut	11	<0.1	0.0	0.0
WA4NO027	70.2	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO048	70.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO113	70.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6NO049	70.8	05030201	PEM	Open-cut	55	0.1	0.0	0.0
WA1NO113	70.8	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO161	71.1	05030201	PEM	Open-cut	147	0.2	0.0	0.0
WA1NO165_PFO	72.4	05030201	PFO	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO166	72.4	05030201	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2NO139	73.3	05040004	PEM	Open-cut	252	0.4	0.0	0.0
WA2NO138	73.5	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2NO137_PEM	73.5	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2NO137_PSS	73.5	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	<0.1	<0.1
WA2NO136	73.5	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1NO167	75.1	05040004	PEM	Open-cut	20	<0.1	0.0	0.0
WA1NO116_PSS	75.6	05040004	PSS	Open-cut	26	<0.1	<0.1	<0.1
WA1NO116_PEM	75.6	05040004	PEM	Open-cut	50	<0.1	0.0	0.0
WA4NO031	75.7	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA4NO029	75.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0
WA1NO172_PFO	76.1	05040004	PFO	Open-cut	61	0.1	<0.1	<0.1
<i>Noble County, OH Subtotal</i>					<i>1,399</i>	<i>2.5</i>	<i>0.1</i>	<i>0.1</i>
<b>Muskingum County, OH</b>								
WA1MU178	76.8	05040004	PEM	Open-cut	3	<0.1	0.0	0.0
WA1MU179_PSS	77.8	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	<0.1	<0.1
WA1MU179_PEM	77.8	05040004	PEM	Open-cut	20	<0.1	0.0	0.0

APPENDIX L – WETLANDS Crossed OR IMPACTED BY THE  
LEACH XPRESS PROJECT

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WA1MU180_PSS	77.8	05040004	PSS	Open-cut	24	<0.1	<0.1	<0.1
WA2MU144	78.3	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MU149	80.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MU149	80.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MU052	82.1	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MU183	82.4	05040004	PEM	Open-cut	20	<0.1	0.0	0.0
WA8MU048	82.7	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA3MU090_PEM	82.7	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MU185	83.7	05040004	PEM	Open-cut	120	0.2	0.0	0.0
WA3MU093	84.1	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA1MU186	84.4	05040004	PEM	Open-cut	12	<0.1	0.0	0.0
<i>Muskingum County, OH Subtotal</i>					199	0.51	<0.1	<0.1
<b>Morgan County, OH</b>								
WA6MO052	84.9	05040004	PEM	Open-cut	4	<0.1	0.0	0.0
WA6MO053_PEM	84.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1MO191	85.3	05040004	PEM	Open-cut	28	<0.1	0.0	0.0
WA1MO192	85.4	05040004	PEM	Open-cut	44	0.1	0.0	0.0
WA6MO059	86.0	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6MO065	86.6	05040004	PEM	Open-cut	54	0.1	0.0	0.0
WA3MO101	86.9	05040004	PEM	Open-cut	22	<0.1	0.0	0.0
WA7MO040	87.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8MO077	87.7	05040004	PEM	Open-cut	16	<0.1	0.0	0.0
WA2MO045	88.8	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MO038	90.0	05040004	PFO	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MO036	91.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MO035	91.4	05040004	PFO	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MO034_PEM	91.4	05040004	PEM	Open-cut	28	<0.1	0.0	0.0
WA7MO033	91.5	05040004	PEM	Open-cut	20	<0.1	0.0	0.0
WA7MO032	91.5	05040004	PEM	Open-cut	52	0.1	0.0	0.0
WA7MO032	91.5	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA7MO032	91.6	05040004	PEM	Open-cut	334	0.6	0.0	0.0



**APPENDIX L**  
**Wetlands Crossed or Impacted by the Leach XPress Project**

Feature ID	Approximate Milepost / Facility	Hydrologic Unit Code (8 digit)	Wetland Type <sup>a</sup>	Proposed Crossing Method	Approximate Crossing Length (feet)	Temporary Impacts (acres)	10-foot Corridor Operational Impacts (acres) <sup>b</sup>	30-foot Corridor Operational Impacts (acres) <sup>c</sup>
WA3MO066	92.8	05040004	PEM	Open-cut	47	0.1	0.0	0.0
WA6MO127	93.4	05040004	PEM	Open-cut	22	<0.1	0.0	0.0
WA2MO042_PFO_B	95.1	05040004	PFO	Open-cut	45	0.1	<0.1	<0.1
WA2MO042_PEM	95.1	05040004	PEM	Open-cut	165	0.3	0.0	0.0
WA1MO048	95.9	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2MO102	96.0	05040004	PEM	Open-cut	41	0.1	0.0	0.0
WA1MO045	97.0	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
<i>Morgan County, OH Subtotal</i>					922	1.6	<0.1	<0.1
<b>Perry County, OH</b>								
WA2PE039	98.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.2	0.0	0.0
WA1PE198	99.2	05040004	PEM	Open-cut	28	<0.1	0.0	0.0
WA2PE103_PEM	100.0	05040004	PEM	Open-cut	82	0.1	0.0	0.0
WA1PE127	100.1	05040004	PEM	Open-cut	56	0.1	0.0	0.0
WA1PE127	100.1	05040004	PEM	Open-cut	13	<0.1	0.0	0.0
WA3PE077	102.8	05040004	PFO	Open-cut	35	<0.1	<0.1	<0.1
WA2PE036_PEM	104.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2PE036_PSS	104.2	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2PE035	104.3	05040004	PEM	Open-cut	79	0.1	0.0	0.0
WA3PE073	105.4	05040004	PEM	Open-cut	7	<0.1	0.0	0.0
WA3PE074	105.5	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1PE035	107.2	05040004	PEM	Open-cut	46	0.1	0.0	0.0
WA3PE076	107.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4PE017	108.8	05040004	PEM	Open-cut	38	0.1	0.0	0.0
WA4PE016	108.9	05040004	PEM	Open-cut	114	0.2	0.0	0.0
WA4PE014	108.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA4PE012	109.1	05040004	PEM	Open-cut	18	<0.1	0.0	0.0
WA4PE008	110.0	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA4PE006	110.0	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8PE067	110.1	05040004	PFO	Open-cut	92	0.1	<0.1	0.1
WA8PE064	110.3	05040004	PEM	Open-cut	23	<0.1	0.0	0.0
WA8PE063_PEM	110.3	05040004	PEM	Open-cut	28	0.1	0.0	0.0

APPENDIX L – WETLANDS Crossed OR IMPACTED BY THE  
LEACH XPRESS PROJECT

APPENDIX L								
Wetlands Crossed or Impacted by the Leach XPress Project								
Feature ID	Approximate Milepost / Facility	Hydrologic Unit Code (8 digit)	Wetland Type <sup>a</sup>	Proposed Crossing Method	Approximate Crossing Length (feet)	Temporary Impacts (acres)	10-foot Corridor Operational Impacts (acres) <sup>b</sup>	30-foot Corridor Operational Impacts (acres) <sup>c</sup>
WA8PE065	110.3	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.2	0.0	0.0
WA8PE063_PSS	110.3	05040004	PSS	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0
WA8PE063_PSS	110.4	05040004	PSS	Open-cut	57	0.1	<0.1	<0.1
WA4PE004	110.4	05040004	PEM	Open-cut	14	<0.1	0.0	0.0
WA4PE003_PEM	110.9	05040004	PEM	Open-cut	67	0.1	0.0	0.0
WA4PE003_PSS	110.9	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2PE020	111.6	05040004	PEM	Open-cut	54	0.1	0.0	0.0
WA2PE018	111.6	05040004	PEM	Open-cut	62	0.1	0.0	0.0
WA2PE015	111.9	05040004	PEM	Open-cut	34	0.1	0.0	0.0
WA1PE196	112.3	05040004	PFO	Open-cut	13	<0.1	<0.1	<0.1
WA1PE195	112.3	05040004	PEM	Open-cut	99	0.3	0.0	0.0
WA2PE154	112.5	05040004	PEM	Open-cut	100	0.2	0.0	0.0
WA2PE007	115.4	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1PE104	115.6	05040004	PEM	Open-cut	18	<0.1	0.0	0.0
WA1PE103	115.9	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6PE072	118.0	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6PE071	118.1	05040004	PFO	Open-cut	31	<0.1	<0.1	<0.1
WA6PE070_PEM	118.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA6PE070_PFO	118.2	05040004	PFO	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2PE129	118.2	05040004	PEM	Open-cut	63	0.2	0.0	0.0
<i>Perry County, OH Subtotal</i>					1,271	2.7	0.1	0.1
<b>Hocking County, OH</b>								
WA8HO061_PFO	120.2	05040004	PFO	Open-cut	124	0.1	<0.1	0.1
WA8HO062	120.2	05040004	PEM	Open-cut	9	<0.1	0.0	0.0
WA3HO070	121.4	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8HO054_PEM	123.4	05040004	PEM	Open-cut	993	1.5	0.0	0.0
WA8HO054_PFO	123.4	05040004	PFO	Open-cut	43	0.2	<0.1	0.1
WA8HO054_PFO	123.6	05040004	PFO	Open-cut	50	0.1	<0.1	<0.1
WA8HO056_PFO	124.1	05040004	PFO	Open-cut	138	0.1	<0.1	0.1
WA8HO056_PEM_B	124.1	05040004	PEM	Open-cut	41	0.1	0.0	0.0
WA8HO056_PEM_B	124.2	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0

**APPENDIX L**  
**Wetlands Crossed or Impacted by the Leach XPress Project**

Feature ID	Approximate Milepost / Facility	Hydrologic Unit Code (8 digit)	Wetland Type <sup>a</sup>	Proposed Crossing Method	Approximate Crossing Length (feet)	Temporary Impacts (acres)	10-foot Corridor Operational Impacts (acres) <sup>b</sup>	30-foot Corridor Operational Impacts (acres) <sup>c</sup>
WA8HO057	124.5	05040004	PEM	Open-cut	69	0.1	0.0	0.0
WA6HO066_PSS	125.2	05040004	PSS	Open-cut	157	0.2	<0.1	<0.1
WA6HO066_PFO	125.2	05040004	PFO	Workspace Only	0 <sup>d</sup>	<0.1	<0.1	<0.1
WA8HO186	129.9	05040004	PEM	Open-cut	68	<0.1	0.0	0.0
WA8HO187_PEM	130.0	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA8HO189_PEM	130.1	05040004	PEM	Open-cut	63	0.1	0.0	0.0
WA8HO189_PFO	130.1	05040004	PFO	Open-cut	48	<0.1	<0.1	<0.1
WA8HO189_PFO	130.1	05040004	PFO	Open-cut	183	0.2	<0.1	0.1
WA8HO190_PEM	130.2	05040004	PEM	Open-cut	181	0.3	0.0	0.0
WA8HO190_PSS	130.3	05040004	PSS	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA8HO191	130.3	05040004	PFO	HDD	331	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA8HO192_PFO	130.7	05040004	PFO	HDD	68	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA8HO192_PSS	130.7	05040004	PSS	HDD	42	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
<i>Hocking County, OH Subtotal</i>					<i>2,608</i>	<i>3.3</i>	<i>0.2</i>	<i>0.5</i>
<b>Fairfield County, OH</b>								
WA6FA067	126.1	05040004	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8FA178	127.3	05040004	PEM	Open-cut	10	<0.1	0.0	0.0
WA8FA179	127.8	05040004	PEM	Workspace Only	0 <sup>d</sup>	0.1	0.0	0.0
WA8FA182	127.9	05040004	PEM	Open-cut	14	<0.1	0.0	0.0
WA8FA184	128.0	05040004	PEM	Open-cut	42	0.1	0.0	0.0
<i>Fairfield County, OH Subtotal</i>					<i>66</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>
<b>LEX Subtotal</b>					<b>8,331</b>	<b>14.3</b>	<b>0.4</b>	<b>0.9</b>
<b>LEX1</b>								
<b>Fairfield County, OH</b>								
WA8FA177	0.4	05040004	PSS	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA8FA195	0.9	05040004	PEM	Open-cut	50	0.1	0.0	0.0
<i>Fairfield County, OH Subtotal</i>					<i>50</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>
<b>LEX1 Subtotal</b>					<b>50</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>
<b>R-801 Loop</b>								
<b>Hocking County, OH</b>								
WA2HO115	0.2	05040004	PEM	Open-cut	46	0.1	0.0	0.0

APPENDIX L								
Wetlands Crossed or Impacted by the Leach XPress Project								
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WA2HO116	2.2	05040004	PEM	Open-cut	13	0.1	0.0	0.0
WA1HO137	2.7	05040004	PEM	Open-cut	78	0.1	0.0	0.0
WA1HO138	9.0	05060002	PEM	Open-cut	143	0.2	0.0	0.0
<i>Hocking County, OH Subtotal</i>					<i>280</i>	<i>0.5</i>	<i>0.0</i>	<i>0.0</i>
<b>Vinton County, OH</b>								
WA2HO118	13.4	05060002	PEM	Open-cut	18	<0.1	0.0	0.0
WA2VN119	14.8	05090101	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA1VN142	16.9	05090101	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2VN120	17.6	05090101	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2VN121	18.0	05090101	PEM	Open-cut	1	<0.1	0.0	0.0
WA6VN075	19.0	05090101	PEM	Open-cut	14	<0.1	0.0	0.0
WA6VN075	19.1	05090101	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
WA2VN122	20.7	05090101	PEM	Workspace Only	0 <sup>d</sup>	0.0	0.0	0.0
WA2VN123	21.1	05090101	PEM	Open-cut	40	0.1	0.0	0.0
WA8VN071	23.8	05090101	PEM	Workspace Only	0 <sup>d</sup>	<0.1	0.0	0.0
<i>Vinton County, OH Subtotal</i>					<i>73</i>	<i>0.2</i>	<i>0.0</i>	<i>0.0</i>
<b>R-801 Loop Subtotal</b>					<b>353</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>
<b>BM-111 Loop</b>								
<b>Wayne County, WV</b>								
WA1WA147	0.5	05090102	PFO	HDD	628	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA1WA147_A	0.6	05090102	PEM	HDD	17	0.0 <sup>e</sup>	0.0 <sup>e</sup>	0.0 <sup>e</sup>
WA2WA122	2.3	05090102	PEM	Open-cut	18	<0.1	0.0	0.0
WA2WA125	2.7	05090102	PFO	Open-cut	67	<0.1	<0.1	<0.1
WA2WA125	2.7	05090102	PFO	Open-cut	49	0.1	<0.1	<0.1
<i>Wayne County, WV Subtotal</i>					<i>779</i>	<i>0.1</i>	<i>&lt;0.1</i>	<i>0.1</i>
<b>BM-111 Loop Subtotal</b>					<b>779</b>	<b>0.1</b>	<b>&lt;0.1</b>	<b>0.1</b>
<b>R-501 Abandonment</b>								
<b>Vinton County, OH</b>								
WA2HO118	17.4	05060002	PEM	Open-cut	N/A	<0.1	0.0	0.0
WA2VN120	21.6	05090101	PEM	Open-cut	N/A	<0.1	0.0	0.0
<i>Vinton County, OH Subtotal</i>					<i>N/A</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>

APPENDIX L								
Wetlands Crossed or Impacted by the Leach XPress Project								
Feature ID	Approximate Milepost / Facility	Hydrologic Unit Code (8 digit)	Wetland Type <sup>a</sup>	Proposed Crossing Method	Approximate Crossing Length (feet)	Temporary Impacts (acres)	10-foot Corridor Operational Impacts (acres) <sup>b</sup>	30-foot Corridor Operational Impacts (acres) <sup>c</sup>
<i>R-501 Abandonment Subtotal</i>					<i>N/A</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>
<b>PIPELINE FACILITIES TOTAL</b>					<b>9,913</b>	<b>15.2</b>	<b>0.4</b>	<b>1.0</b>

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Acreage impacts may not add up due to rounding.

<sup>a</sup> Cowardin Wetland Types: PEM - palustrine emergent; PSS - palustrine scrub-shrub; PFO - palustrine forested

<sup>b</sup> Operational impacts in this column reflect permanent wetland loss due to fill.

<sup>c</sup> Milepost is associated with Columbia's existing Line R-515.

<sup>d</sup> All wetlands located within contractor/staging/pipe yards will be avoided during construction; therefore, no impacts are anticipated.

<sup>e</sup> Wetland will be permanently filled to accommodate construction and operation of proposed compressor station facility.

