

APPENDIX K
Waterbodies Crossed or Impacted by the Projects

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
Pipeline Facilities									
LEX									
Greene County, PA									
0.1	SA8GR330	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	1	0°	Workspace only
0.1	SA8GR330	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	1	0°	Workspace only
0.1	SA8GR329	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Intermittent	Minor	4	7	Dry open-cut
0.2	SA8GR331	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Intermittent	Minor	3	0°	Workspace only
0.2	SA8GR333	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Perennial	Minor	6	7	Dry open-cut
0.2	SA8GR336	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	3	0°	Workspace only
0.2	SA8GR336	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Intermediate	3	11	Dry open-cut
0.4	SA8GR359	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	2	0°	Workspace only
0.4	SA8GR333	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Perennial	Minor	6	0°	Workspace only
0.4	SA8GR355	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Intermittent	Minor	4	4	Dry open-cut
0.4	SA8GR353	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	2	0°	Workspace only
0.4	SA8GR353	Unnamed Tributary of Enlow Fork	WWF	Warmwater	Ephemeral	Minor	2	0°	Workspace only
0.7	SA8GR328	Unnamed Tributary of Dunkard Fork	WWF	Warmwater	Intermittent	Minor	6	6	Dry open-cut
1.3	SA6GR005	Unnamed Tributary of Dunkard Fork	WWF	Warmwater	Perennial	Intermediate	10	14	Dry open-cut
1.4	SA6GR003	Unnamed Tributary of Dunkard Fork	WWF	Warmwater	Intermittent	Minor	2	3	Dry open-cut
1.5	SA6GR002	Unnamed Tributary of Dunkard Fork	WWF	Warmwater	Ephemeral	Minor	2	2	Dry open-cut
1.8	SA6MR001	Dunkard Fork ⁱ	WWF	Warmwater	Perennial	Intermediate	73	75	Dry open-cut
Marshall County, WV									

K-1-1

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

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Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
1.8	SA8MR344	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
1.8	SA6MR025	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
1.9	SA6MR025	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
2.0	SA6MR032	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
2.0	SA6MR031	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	2	Wet open-cut
2.0	SA6MR026	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Perennial	Minor	2	2	Wet open-cut
2.3	SA5MR365_DT	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
2.5	SA5MR366_DT	Unnamed Tributary of Dunkard Fork	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	4	Wet open-cut
3.4	SA6MR326	Unnamed Tributary of Granny Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	0 ^c	Workspace only
3.5	SA6MR325	Unnamed Tributary of Granny Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	5	6	Wet open-cut
3.9	SA6MR116	Granny Run	B1 (Tier 2)	Warmwater	Perennial	Minor	5	5	Wet open-cut
4.2	SA8MR013	Unnamed Tributary of Howard Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
4.5	SA8MR018	Unnamed Tributary of Howard Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	1	Wet open-cut
4.7	SA8MR020	Howard Run	B1 (Tier 2)	Warmwater	Perennial	Minor	7	9	Wet open-cut
4.8	SA8MR021	Unnamed Tributary of Howard Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only
5.9	SA8MR024	Williams Run	B1 (Tier 2)	Warmwater	Perennial	Intermediate	21	23	Dry open-cut
6.0	SA8MR025	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
6.3	SA8MR026	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only
6.3	SA8MR027	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only
6.3	SA8MR026	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only

K-1-2

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

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Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
6.4	SA6MR016	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only
6.4	SA6MR017	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Perennial	Minor	3	3	Wet open-cut
6.8	SA6MR020	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
7.0	SA6MR022	Wolf Run	B1 (Tier 2)	Warmwater	Perennial	Minor	12	8	Dry open-cut
7.7, RR-1	SA7MR015	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
7.8, RR-1	SA8MR363	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	1	Wet open-cut
7.8, RR-1	SA8MR364	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
7.8, RR-1	SA8MR365	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
7.9, RR-1	SA8MR367	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
8.3, RR-1	SA8MR368	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
8.3, RR-1	SA8MR371	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
8.3, RR-1	SA8MR373	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
8.4	SA8MR035	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
8.6	SA8MR032	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	4	Wet open-cut
8.9	SA8MR046	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	2	Wet open-cut
9.1, RR-1	SA8MR047	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	0 ^c	Workspace only

K-1-3

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Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
9.1, RR-1	SA8MR048	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
9.1, RR-1	SA8MR049	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	1	Wet open-cut
9.3, RR-1	SA8MR052	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0°	Wet open-cut
9.4, RR-1	SA8MR054	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	10	Workspace only
9.4, RR-1	SA8MR053	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	5	Wet open-cut
9.7	SA6MR037	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	1	Wet open-cut
9.7	SA6MR035	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Perennial	Minor	7	9	Wet open-cut
9.8	SA6MR035	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Perennial	Minor	7	0°	Workspace only
9.8	SA6MR034	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Perennial	Minor	5	6	Wet open-cut
10.5	SA6MR038	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	5	Wet open-cut
10.5	SA6MR039	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
10.5	SA6MR041	Unnamed Tributary of Middle Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
10.8	SA6MR044	Unnamed Tributary of French Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
10.8	SA6MR045	Unnamed Tributary of French Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0°	Workspace only
11.0	SA6MR046	French Run	B1 (Tier 2)	Warmwater	Perennial	Minor	6	8	Wet open-cut

K-14

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Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
11.1	SA6MR048	Unnamed Tributary of French Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
11.4	SA8MR066	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
11.5	SA6MR050	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	5	Wet open-cut
11.5	SA6MR050	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
11.5	SA8MR064	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Perennial	Minor	3	3	Wet open-cut
11.7	SA8MR063	Lick Run	B1 (Tier 2)	Warmwater	Perennial	Minor	3	3	Wet open-cut
11.9	SA8MR061	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
12.1	SA8MR058	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Perennial	Minor	3	6	Wet open-cut
12.1	SA8MR059	Unnamed Tributary of Lick Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
12.6	SA8MR218	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
12.6	SA8MR219	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	0 ^c	Workspace only
12.7	SA8MR220	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
12.7	SA8MR221	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
12.7	SA8MR220	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	3	Wet open-cut
12.7	SA8MR220	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	5	Wet open-cut
12.8	SA6MR054	Cedar Run	B1 (Tier 2)	Warmwater	Perennial	Intermediate	8	12	Wet open-cut
13.2	SA6MR057	Unnamed Tributary of Cedar Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
13.4	SA6MR064	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	4	Wet open-cut
13.4	SA6MR063	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
13.4	SA6MR065	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only

K-1-5

APPENDIX K – WATERBODIES Crossed OR IMPACTED
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APPENDIX K-1
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Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
13.4	SA8MR083	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0°	Workspace only
13.4	SA6MR062	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
13.4	SA6MR066	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
13.4	SA6MR067	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
13.6	SA8MR081	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	7	7	Wet open-cut
13.6	SA8MR082	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
13.9	SA8MR078	Bartletts Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	7	8	Wet open-cut
14.0	SA8MR077	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	5	Wet open-cut
14.0	SA6MR324	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0°	Workspace only
14.3, RR-2	SA5MR900_DT	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	5	9	Wet open-cut
14.4, RR-2	SA5MR810_DT	Bartletts Run	B1 (Tier 2)	Warmwater	Intermittent	Intermediate	15	47	Dry open-cut
15.3, RR-2	SA5MR808_DT	Bartletts Run	B1 (Tier 2)	Warmwater	Intermittent	Intermediate	15	42	Dry open-cut
15.2	SA8MR223	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Perennial	Intermediate	11	12	Dry open-cut
15.5	SA8MR227	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	6	8	Wet open-cut
15.7	SA8MR230	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
16.1	SA2MR580	Grave Creek	B1 (Tier 2)	Warmwater	Perennial	Intermediate	51	51	Dry open-cut
16.1	SA6MR052	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
16.2	SA6MR052	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
16.2	SA6MR053	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	0°	Workspace only
16.3	SA6MR052	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0°	Workspace only
16.5	SA8MR074	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0°	Workspace only

K-1-6

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

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Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
17.8	SA8MR239	Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	5	5	Wet open-cut
17.9	SA8MR107	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	4	Wet open-cut
18.2	SA8MR114	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	5	5	Wet open-cut
18.2	SA8MR115	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
18.3	SA8MR116	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
18.4	SA8MR119	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	7	Wet open-cut
18.4	SA8MR121	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	4	Wet open-cut
18.5	SA8MR122	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	0 ^c	Workspace only
18.7	SA7MR056	Unnamed Tributary of Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	5	5	Wet open-cut
19.4	SA2MR565	Unnamed Tributary of Little Tribble Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	3	Wet open-cut
19.5	SA2MR566	Unnamed Tributary of Little Tribble Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	5	0 ^c	Workspace only
20.6	SA6MR334	Big Tribble Creek	B1 (Tier 2)	Warmwater	Perennial	Intermediate	12	21	Dry open-cut
21.0	SA8MR244	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	3	Wet open-cut
21.0	SA8MR246	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
21.0	SA8MR243	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
21.2	SA6MR330	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
21.2	SA6MR331	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
21.2	SA6MR332	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	0 ^c	Workspace only
21.2	SA6MR329	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only

K-1-7

APPENDIX K – WATERBODIES Crossed OR IMPACTED
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21.3	SA6MR328	Fish Creek	B1 (Tier 1)	Warmwater	Perennial	Major	104	0 ^c	Workspace only
21.3	SA6MR328	Fish Creek	B1 (Tier 1)	Warmwater	Perennial	Major	104	0 ^d	HDD
21.3	SA6MR328	Fish Creek	B1 (Tier 1)	Warmwater	Perennial	Major	104	0 ^c	Workspace only
21.8	SA8MR247	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	6	6	Wet open-cut
22.1	SA6MR336	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	6	Wet open-cut
22.4	SA6MR070	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
22.4	SA6MR069	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	6	Wet open-cut
22.4	SA6MR071	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
22.4	SA6MR072	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
22.5	SA6MR075	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	2	Wet open-cut
22.6	SA6MR076	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Perennial	Minor	5	5	Wet open-cut
22.6	SA6MR077	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	0 ^c	Workspace only
22.7	SA6MR078	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Perennial	Minor	5	5	Wet open-cut
22.7	SA6MR080	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
22.7	SA6MR082	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
22.7	SA6MR081	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	1	Wet open-cut
22.7	SA6MR083	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
22.7	SA6MR083	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	2	Wet open-cut
22.8	SA6MR084	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	2	Wet open-cut
23.2	SA6MR089	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Perennial	Minor	3	0 ^c	Workspace only

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
23.2	SA8MR106	Long Run	B1 (Tier 2)	Warmwater	Perennial	Intermediate	49	56	Dry open-cut
23.3	SA8MR104	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Perennial	Intermediate	32	36	Dry open-cut
23.3	SA8MR103	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	7	Wet open-cut
23.4	SA8MR103	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Intermediate	3	31	Wet open-cut
23.4	SA8MR103	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	3	4	Wet open-cut
23.7	SA8MR097	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	5	Wet open-cut
23.7	SA8MR100	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
23.7	SA8MR101	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
23.9	SA8MR093	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
24.0	SA8MR092	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	4	Wet open-cut
24.0	SA8MR090	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Perennial	Minor	12	14	Dry open-cut
24.1	SA8MR087	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	3	Wet open-cut
24.3	SA2MR156	Unnamed Tributary of Long Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	0 ^c	Workspace only
25.1	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Intermediate	10	17	Dry open-cut
25.1	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Intermediate	10	52	Dry open-cut
25.1	SA6MR097	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
25.2, RR-5	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Minor	10	0 ^d	HDD
25.3, RR-5	SA6MR098	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Ephemeral	Minor	4	0 ^d	HDD
25.3, RR-5	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Minor	10	0 ^d	HDD
25.3,RR-5	SA6MR100	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Minor	3	0 ^d	HDD

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
25.4, RR-5	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Minor	10	0 ^d	HDD
25.4, RR-5	SA7MN027	Ohio River e, f	B2 (Tier 1), SHQ	Warmwater	Perennial	Major	1,366	0 d	HDD
Monroe County, OH									
25.8, RR-5	SA7MN028	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	3	0 ^d	HDD
25.8, RR-5	SA6MN372	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^d	HDD
25.8, RR-5	SA6MN372	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
25.9, RR-5	SA6MN361	Unnamed Tributary of Ohio River	PCR- Class B	Coldwater	Perennial	Intermediate	25	0 ^c	Workspace only
27.1	SA6MN103	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
27.3	SA6MN105	Unnamed Tributary of Johnson Run	PCR- Class B	Coldwater	Perennial	Minor	10	10	Dry open-cut
27.3	SA6MN107	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
27.8	SA1MN492	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
27.8	SA1MN491	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
28.1	SA1MN487	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	3	5	Wet open-cut
28.1	SA1MN485	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	8	9	Wet open-cut
28.1	SA1MN488	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
28.1	SA1MN486	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	4	0 ^c	Workspace only
28.4	SA1MN478	Unnamed Tributary of Johnson Run	PCR- Class B	Coldwater	Perennial	Intermediate	8	13	Dry open-cut
28.5	SA1MN474	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
28.5	SA1MN475	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
28.5	SA1MN476	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
28.6	SA1MN477	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
28.8	SA8MN250	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
28.8	SA8MN251	Johnson Run	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
28.9	SA8MN253	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
29.1	SA6MN109	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
29.2	SA6MN110	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
29.2	SA6MN113	Unnamed Tributary of Stillhouse Run	PCR- Class B	Coldwater	Perennial	Minor	5	5	Dry open-cut
29.5	SA8MN347	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
29.5	SA8MN346	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
29.8	SA2MN476	Stillhouse Run	PCR- Class B	N/A	Perennial	Intermediate	12	16	Dry open-cut
30.0	SA2MN474	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
30.1	SA2MN473	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
30.1	SA2MN472	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
30.2	SA2MN471	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
30.3	SA2MN469	Unnamed Tributary of Stillhouse Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
30.5	SA1MN182	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Intermittent	Minor	3	2	Wet open-cut
31.1	SA1MN178	Nigger Run	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
31.1	SA1MN178	Nigger Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
31.1	SA1MN177	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Intermittent	Minor	2	3	Wet open-cut
31.3	SA1MN176	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
31.5	SA2MN556	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
31.6	SA2MN553	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
31.9	SA2MN564	Unnamed Tributary of Paine Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
31.9	SA2MN563	Unnamed Tributary of Paine Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
32.3	SA8MN124	Unnamed Tributary of Paine Run	PCR- Class B	Coldwater	Perennial	Intermediate	18	26	Dry open-cut
32.6	SA2MN289	Unnamed Tributary of Paine Run	PCR- Class B	N/A	Intermittent	Minor	6	10	Wet open-cut
33.0	SA2MN275	Unnamed Tributary of Paine Run	PCR- Class B	N/A	Intermittent	Minor	7	10	Wet open-cut
33.1	SA2MN276	Unnamed Tributary of Paine Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
33.4	SA2MN281	Paine Run	WWH, AWS, IWS, SCR	Warmwater	Perennial	Minor	15	13	Dry open-cut
34.6	SA4MN005	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
34.8	SA4MN004	Ackerson Run	WWH, AWS, IWS, PCR – Class B	Warmwater	Perennial	Intermediate	12	18	Dry open-cut
34.8	SA4MN002	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
34.8	SA4MN003	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Intermittent	Minor	5	0°	Workspace only
34.9	SA4MN002	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Ephemeral	Minor	3	6	Wet open-cut
34.9	SA4MN001	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
35.2	SA3MN114	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Intermittent	Minor	5	7	Wet open-cut
35.2	SA3MN112	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
35.8	SA6MN347	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
35.9	SA6MN346	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
36.0	SA6MN344	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
36.0	SA6MN342	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
36.2	SA2MN269	Unnamed Tributary of East Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
36.4	SA6MN377	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
36.5	SA5MN100_DT	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
36.7	SA5MN101_DT	East Fork	WWH, AWS, IWS, SCR	Warmwater	Perennial	Intermediate	30	31	Dry open-cut
36.9	SA5MN103_DT	Unnamed Tributary of East Fork	PCR- Class B	N/A	Intermittent	Minor	9	9	Wet open-cut
36.9	SA5MN505_DT	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
37.2	SA5MN104_DT	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
37.3	SA2MN262	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
37.3	SA2MN263	Unnamed Tributary of East Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
38.0	SA2MN267	Unnamed Tributary of Piney Fork	PCR- Class B	Coldwater	Perennial	Minor	4	5	Dry open-cut
38.1	SA2MN268	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
38.3	SA3MN111	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
38.4	SA3MN109	Unnamed Tributary of Piney Fork	PCR- Class B	Coldwater	Perennial	Minor	10	4	Dry open-cut
38.7	SA3MN107	Piney Fork	WWH, PWS, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Minor	29	29	Dry open-cut
39.1	SA3MN104	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
39.2	SA3MN103	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
39.4	SA3MN102	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
39.5	SA3MN100	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	2	7	Wet open-cut
39.5	SA3MN100	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	2	5	Wet open-cut
39.5	SA3MN101	Unnamed Tributary of Piney Fork	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
39.7	SA3MN099	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
39.9	SA3MN098	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
40.1	SA3MN097	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
40.3	SA2MN261	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Ephemeral	Minor	2.5	7	Wet open-cut
40.4	SA2MN257	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
40.4	SA2MN258	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
40.5	SA2MN256	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Ephemeral	Minor	1.5	0°	Workspace only
40.7	SA2MN254	Death Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	16	Dry open-cut
41.0	SA2MN249	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
41.0	SA2MN248	Unnamed Tributary of Death Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
41.5	SA2MN245	Unnamed Tributary of Grassy Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
41.5	SA2MN244	Grassy Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	12	16	Dry open-cut
41.7	SA2MN246	Unnamed Tributary of Grassy Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
41.9	SA8MN258	Unnamed Tributary of Baker Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
42.0	SA3MN096	Baker Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	23	24	Dry open-cut
42.7	SA3MN093	Unnamed Tributary of Baker Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut

K-1-14

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
43.5	SA3MN086	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
43.6	SA3MN087	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
43.7	SA3MN088	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
43.8	SA3MN089	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
44.0	SA3MN090	Unnamed Tributary of Sunfish Creek	PCR- Class B	Coldwater	Perennial	Intermediate	10	19	Dry open-cut
44.2	SA3MN092	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
44.4	SA2MN243	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
44.6	SA2MN242	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Intermittent	Intermediate	7	13	Wet open-cut
44.7	SA2MN241	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
45.2	SA2MN236	Wheeler Run	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	22	Dry open-cut
45.7	SA2MN218	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
45.8	SA2MN219	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
46.3	SA2MN222	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
46.4	SA2MN223	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Intermediate	2	12	Wet open-cut
46.4	SA2MN223	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	7	Wet open-cut
46.5	SA2MN223	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	3	Wet open-cut
47.0	SA2MN226	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
47.0	SA2MN227	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
47.2	SA1MN164	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
47.5	SA1MN163	Unnamed Tributary of Sunfish Creek	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
47.9	SA2MN228	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
48.2	SA2MN230	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
48.4	SA2MN231	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
48.9	SA1MN173	Unnamed Tributary of South Fork	PCR- Class B	Coldwater	Perennial	Minor	4	3	Dry open-cut
48.9	SA1MN172	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	3	7	Wet open-cut
49.5	SA1MN170	Unnamed Tributary of South Fork	PCR- Class B	Coldwater	Perennial	Minor	5	5	Dry open-cut
49.8	SA1MN168	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
49.8	SA1MN166	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
50.0	SA2MN204	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	6	7	Wet open-cut
50.0	SA2MN206	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
50.3	SA2MN209	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
50.4	SA2MN210	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
50.5	SA2MN212	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
50.9, RR-6	SA2MN216	South Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	13	Dry open-cut
50.9, RR-6	SA5MN901_DT	South Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	0°	Workspace only
51.2	SA1MN160	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
51.2	SA1MN161	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
51.3	SA1MN158	Unnamed Tributary of South Fork	PCR- Class B	Coldwater	Perennial	Minor	6	6	Dry open-cut

K-1-16

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
51.3	SA1MN157	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
51.7	SA1MN155	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	3	9	Wet open-cut
52.3	SA6MN124	Unnamed Tributary of Bishop Run	PCR- Class B	N/A	Ephemeral	Minor	2	5	Wet open-cut
52.5	SA6MN125	Bishop Run	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	5	5	Wet open-cut
52.8	SA6MN129	Unnamed Tributary of Bishop Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
52.8	SA6MN130	Unnamed Tributary of Bishop Run	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
52.8	SA6MN131	Unnamed Tributary of Bishop Run	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
52.8	SA6MN132	Unnamed Tributary of Bishop Run	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
53.0	SA8MN134	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
53.0	SA8MN135	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
Noble County, OH									
53.2	SA8NO132	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Intermediate	1	15	Wet open-cut
53.2	SA8NO132	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	2	Wet open-cut
53.2	SA8NO132	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	9	Wet open-cut
53.2	SA8NO131	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Perennial	Minor	2	2	Wet open-cut
53.2	SA8NO131	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Perennial	Minor	2	4	Wet open-cut
53.3	SA8NO132	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
53.3	PA8NO007	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	98	0 ^c	Workspace only
53.3	SA8NO130	Unnamed Tributary of Barnes Run	PCR- Class B	Coldwater	Perennial	Minor	6	7	Dry open-cut
53.3	SA8NO129	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	0 ^c	Workspace only

K-1-17

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
53.5	SA8NO127	Unnamed Tributary of Greasy Run	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
53.5	SA8NO126	Unnamed Tributary of Greasy Run	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
53.6	SA8NO125	Unnamed Tributary of Greasy Run	PCR- Class B	Coldwater	Perennial	Minor	6	6	Dry open-cut
53.7	SA8NO138	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
53.7	SA8NO137	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
53.7	SA8NO139	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
53.9	SA8NO141	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
53.9	SA8NO142	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
54.1	SA6NO141	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
54.6, RR-7	SA6NO140	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
54.6, RR-7	SA6NO140	Unnamed Tributary of Greasy Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
54.8, RR-7	SA8NO362	Unnamed Tributary of Greasy Run	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
55.5, RR-7	SA8NO361	Barnes Run	WWH, AWS, IWS, PCR	Warmwater	Intermittent	Minor	7	7	Dry open-cut
56.1	SA8NO147	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	1	0°	Workspace only
56.1	SA8NO145	Unnamed Tributary of Barnes Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
56.5	SA6NO143	Wolfpen Run	WWH (*L), AWS, IWS, PCR	Limited warmwater	Intermittent	Minor	5	6	Wet open-cut
56.6	SA6NO144	Tributary of Wolfpen Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
57.8	SA5NO138_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only

K-1-18

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
57.8	SA6NO145	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
57.8	SA6NO146	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
57.9	SA5NO139_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
57.9	SA5NO506_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
58.0	SA8NO149	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
58.1	SA8NO150	East Fork Duck Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	5	22	Dry open-cut
58.1	SA8NO152	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	3	Wet open-cut
58.8	SA5NO141_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
59.1	SA5NO142_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
59.2	SA5NO143_DT	Unnamed Tributary of East Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
59.7	SA3NO047	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
60.3	SA1NO208	Unnamed Tributary of South Fork	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
60.4	SA2NO135	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Intermediate	1	12	Wet open-cut
61.2	SA2NO312	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Intermittent	Minor	4	6	Wet open-cut
61.3	SA2NO315	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
61.3	SA2NO313	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
61.4	SA2NO312	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
61.4	SA4NO059	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
61.5	SA4NO059	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
61.9	SA3NO037	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
62.0	SA3NO037	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
62.0	SA3NO038	Buffalo Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	12	17	Dry open-cut
62.2	SA3NO039	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	1	3	Wet open-cut
62.3	SA3NO040	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
62.5	SA3NO042	Unnamed Tributary of Buffalo Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
63.3	SA1NO136	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
63.4	SA1NO134	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
63.4	SA1NO133	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
63.9	SA6NO351	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
64.4	SA3NO169	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
64.7	SA1NO245	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
64.7	SA1NO245	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
64.8	SA1NO244	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
65.1	SA3NO023	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	6	0°	Workspace only

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
65.1	SA3NO022	Unnamed Tributary of Dog Run	PCR- Class B	Coldwater	Perennial	Minor	9	8	Dry open-cut
65.2	SA3NO024	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
65.2	SA3NO024	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	2	6	Wet open-cut
65.4	SA3NO025	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
65.5	SA3NO028	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
65.5	SA3NO027	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	3	7	Wet open-cut
65.6	SA3NO030	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
65.7	SA3NO031	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
65.8	SA3NO032	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
66.0	SA1NO467	Unnamed Tributary of Dog Run	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
66.2	SA3NO035	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
66.3	SA1NO129	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
66.3	SA1NO128	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
67.0	SA3NO168	West Fork Duck Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	35	0 ^c	Workspace only
67.0	SA3NO168	West Fork Duck Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	35	0 ^d	HDD
67.5	SA4NO033	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
67.7	SA4NO029	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
67.8	SA4NO028	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
67.8	SA4NO030	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
67.8	SA4NO028	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
68.1	SA4NO027	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
68.4	SA3NO015	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
68.6	SA2NO110	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
68.6	SA2NO109	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
68.6	SA2NO111	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
68.6	SA2NO112	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
68.6	SA2NO115	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
68.6	SA2NO113	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
68.6	SA2NO114	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	1	Wet open-cut
68.7	SA2NO116	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
68.7	SA2NO117	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
68.7	SA2NO118	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
68.7	SA2NO121	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
68.8	SA4NO034	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
68.9	SA4NO037	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
68.9	SA4NO036	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
68.9	SA4NO038	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
69.0	SA4NO039	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
69.0	SA4NO041	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
69.0	SA4NO040	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
69.0	SA4NO042	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
69.0	SA4NO043	Unnamed Tributary of Sharon Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
69.2	SA4NO046	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
69.3	SA4NO047	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	Coldwater	Perennial	Minor	10	10	Dry open-cut
69.7	SA4NO048	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
69.7	SA4NO049	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
70.1	SA4NO050	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
70.1	SA4NO051	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
70.2	SA4NO052	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
70.2	SA4NO055	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
70.3	SA1NO256	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
70.4	SA1NO254	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	5	6	Wet open-cut
70.5	SA1NO253	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
70.7	SA1NO251	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
70.7	SA1NO248	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	6	8	Wet open-cut
70.8	SA1NO248	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	6	4	Wet open-cut
71.3	SA1NO403	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
71.3	SA1NO402	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
71.4	SA1NO406	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
71.5	SA1NO406	Unnamed Tributary of West Fork Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
72.4	PA1NO038	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	68	54	Dry open-cut
72.4	SA1NO410	Unnamed Tributary of Coal Run	PCR- Class B	N/A	Intermittent	Minor	1	0°	Workspace only
72.4	SA1NO411	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
73.3	SA2NO513	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Perennial	Minor	2	0°	Workspace only
73.4	SA2NO511	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Perennial	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
73.5	SA2NO510	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Perennial	Minor	2	3	Wet open-cut
73.5	SA2NO509	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Perennial	Minor	3	3	Wet open-cut
74.1	SA2NO523	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
74.2	SA2NO525	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
74.2	SA2NO526	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
74.4	SA2NO515	Unnamed Tributary of Dyes Fork	PCR- Class B	N/A	Ephemeral	Minor	4	5	Wet open-cut
74.6	SA2NO516	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
74.7	SA2NO518	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
74.7	SA2NO517	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
74.8	SA2NO519	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	5	7	Wet open-cut
74.8	SA2NO520	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	5	Wet open-cut
74.9	SA2NO521	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
75.1	SA1NO412	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
75.3	SA1NO413	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
75.3	SA1NO414	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
75.4	SA1NO257	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	1.5	2	Wet open-cut
75.6	SA1NO258	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Intermittent	Intermediate	3	28	Wet open-cut
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
75.8	SA4NO057	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
76.0	SA4NO056	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	4	5	Wet open-cut
76.1	SA2NO522	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	2	Wet open-cut
Muskingum County, OH									
76.5	SA1MU416	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	2	Wet open-cut
76.8	SA1MU418	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	2	Wet open-cut
76.9	SA1MU419	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	2	Wet open-cut
77.0	SA2MU528	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	0°	Workspace only
77.2	SA1MU420	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	3	3	Wet open-cut
77.3	SA2MU529	Unnamed Tributary of Tilttons Run	N/A	N/A	Ephemeral	Minor	2	0°	Workspace only
77.4	SA1MU422	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
77.5	SA1MU423	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
78.1	SA2MU532	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
78.1	SA2MU531	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
78.2	SA2MU530	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
78.5	SA2MU534	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
78.9	SA2MU537	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
78.9	SA2MU536	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
79.3	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
79.3	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only
79.3	SA1MU430	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Intermediate	9	10	Wet open-cut
79.4	SA1MU428	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
79.5	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only
79.5	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only
79.6	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only
79.7	SA1MU427	Unnamed Tributary of Guyst Fork	PCR- Class B	Coldwater	Perennial	Minor	9	0°	Workspace only
79.7	SA1MU426	Guyst Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	12	29	Dry open-cut
80.0	SA2MU541	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
80.3	SA2MU542	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
80.4	SA2MU543	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
80.6	SA2MU544	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Intermediate	3	36	Wet open-cut
80.6	SA2MU545	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Minor	10	7	Wet open-cut
80.7	SA2MU548	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
80.7	SA2MU547	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Minor	7	9	Wet open-cut
81.0	SA2MU550	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Minor	8	8	Wet open-cut
81.2	SA8MU256	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
81.2	PA8MU014	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	67	0°	Workspace only
81.2	SA8MU255	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
81.5	SA1MU432	Unnamed Tributary of Guyst Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
81.6	SA1MU433	Unnamed Tributary of Meigs Creek	PCR- Class B	N/A	Intermittent	Intermediate	10	14	Dry open-cut
81.6	SA1MU434	Unnamed Tributary of Meigs Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
82.0	SA1MU435	Starrett Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	7	8	Wet open-cut
82.1	SA1MU436	Meigs Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	20	19	Dry open-cut
82.7	SA8MU154	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
82.8	SA3MU171	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
83.0	SA3MU172	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
83.4	SA1MU442	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Intermittent	Intermediate	12	12	Dry open-cut
83.6	SA1MU444	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
83.7	SA1MU445	Marshall Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	10	0°	Workspace only
83.7	SA1MU448	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
83.7	SA1MU450	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
83.7	SA1MU449	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
84.0	SA1MU451	Unnamed Tributary of Marshall Creek	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
84.4	SA1MU454	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
84.6	SA1MU455	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
84.9	SA6MO153	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	4	Wet open-cut
Morgan County, OH									
85.0	SA6MO154	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut

K-1-28

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
85.0	SA6MO154	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
85.1	SA6MO156	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
85.1	SA6MO157	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
85.5	SA6MO162	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
85.9	SA6MO165	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
85.9	SA6MO164	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
86.2	SA6MO166	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
86.2	SA6MO167	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
86.2	SA6MO168	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
86.2	SA6MO169	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
86.9	SA3MO500	Unnamed Tributary of Mans Fork	PCR- Class B	Coldwater	Perennial	Intermediate	12	11	Dry open-cut
87.4	SA3MO179	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
87.5	SA1MO462	Mans Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	27	Dry open-cut
87.9	SA1MO461	Unnamed Tributary of Mans Fork	PCR- Class B	Coldwater	Perennial	Intermediate	7	14	Dry open-cut
88.1	SA1MO459	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
88.3	SA2MO098	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
88.5	SA2MO103	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
88.5	SA2MO102	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
88.6	SA2MO105	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	3	7	Wet open-cut

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
88.7	SA2MO106	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
88.8	SA2MO107	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	2	4	Wet open-cut
89.0	SA6MO294	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	2	5	Wet open-cut
89.0	SA6MO295	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.0	SA1MO520	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
89.0	SA6MO296	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
89.3	SA7MO052	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	0 ^d	HDD
89.4	SA6MO298	Muskingum River ^f	WWH, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Major	300	0 ^d	HDD
89.6	SA8MO202	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	0 ^d	HDD
89.6	SA8MO202	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	0 ^d	HDD
89.9	SA7MO062	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.9	SA7MO063	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.9	SA7MO064	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.9	SA7MO065	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.9	SA7MO066	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
89.9	SA7MO067	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
90.0	SA8MO203	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
90.1	SA8MO204	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	3	8	Wet open-cut
90.1	SA8MO204	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
90.4	SA6MO292	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
90.4	SA6MO286	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
90.5	SA6MO286	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
90.5	SA6MO287	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
90.5	SA6MO287	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
91.5	SA7MO060	Unnamed Tributary of Moores Run	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
91.9	SA3MO137	Unnamed Tributary of North Branch Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
91.9	SA3MO138	Unnamed Tributary of North Branch Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
92.2	SA3MO139	Unnamed Tributary of North Branch Run	PCR- Class B	N/A	Intermittent	Minor	2	8	Wet open-cut
92.3	SA3MO142	Unnamed Tributary of North Branch Run	PCR- Class B	N/A	Intermittent	Minor	7	8	Wet open-cut
92.7	SA3MO135	Unnamed Tributary of North Branch Run	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
93.0	SA3MO132	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
93.0	SA3MO133	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
93.0	SA3MO130	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
93.0	SA3MO131	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
93.1	SA3MO129	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
93.3	SA6MO300	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
93.4	SA6MO455	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
93.8	SA6MO307	Unnamed Tributary of South Branch Island Run	PCR- Class B	Coldwater	Perennial	Intermediate	15	35	Dry open-cut
94.1	SA6MO311	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
94.2	SA6MO312	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
94.2	SA6MO313	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	5	6	Wet open-cut
94.3	SA6MO314	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
94.3	PA6MO006	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	20	0°	Workspace only
94.6	SA8MO214	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
94.7	SA8MO213	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
94.7	SA8MO212	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
94.8	SA8MO210	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
94.9	SA8MO211	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
94.9	SA8MO209	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
95.1	SA2MO082	Unnamed Tributary of South Branch Island Run	PCR- Class B	Coldwater	Perennial	Minor	8	0°	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
95.1	SA2MO082	Unnamed Tributary of South Branch Island Run	PCR- Class B	Coldwater	Perennial	Minor	8	8	Dry open-cut
95.4	SA2MO086	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	5	5	Wet open-cut
95.6	SA2MO088	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	6	6	Wet open-cut
95.8	SA1MO109	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	5	6	Wet open-cut
96.0	SA1MO106	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
96.2	SA1MO105	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
96.2	SA2MO330	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
96.2	SA1MO104	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
96.3	SA1MO103	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
96.3	SA2MO331	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
96.4	SA1MO101	Unnamed Tributary of South Branch Island Run	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
96.7	SA1MO274	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	4	4	Wet open-cut
96.8	SA1MO096	Unnamed Tributary of Bennett Run	N/A	N/A	Perennial	Intermediate	5	11	Wet open-cut
96.8	SA1MO095	Unnamed Tributary of Bennett Run	N/A	N/A	Perennial	Minor	5	4	Wet open-cut
97.0	SA1MO093	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	4	4	Wet open-cut

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
97.0	SA1MO094	Unnamed Tributary of Bennett Run	N/A	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
Perry County, OH									
97.9	SA2PE074	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	6	7	Wet open-cut
97.9	SA2PE074	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Intermediate	6	11	Wet open-cut
97.9	SA2PE074	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	6	6	Wet open-cut
98.0	SA2PE073	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	5	6	Wet open-cut
98.3	SA2PE072	Bennett Run	N/A	Coldwater	Perennial	Intermediate	18	21	Dry open-cut
98.6	SA1PE233	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Intermediate	8	22	Wet open-cut
98.7	SA1PE232	Unnamed Tributary of Bennett Run	N/A	N/A	Ephemeral	Minor	1	1	Wet open-cut
98.8	SA1PE231	Unnamed Tributary of Bennett Run	N/A	N/A	Ephemeral	Minor	1	1	Wet open-cut
98.8	SA1PE229	Unnamed Tributary of Bennett Run	N/A	N/A	Ephemeral	Minor	1	7	Wet open-cut
98.8	SA1PE230	Unnamed Tributary of Bennett Run	N/A	N/A	Intermittent	Minor	4	0 ^c	Workspace only
98.8	SA2PE334	Unnamed Tributary of Bennett Run	N/A	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
99.6	SA2PE335	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
99.8	SA2PE339	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
100.1	SA1PE280	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
100.1	SA1PE280	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
100.1	SA1PE279	Black Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	20	53	Dry open-cut
100.4	SA2PE061	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
100.4	SA1PE283	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Ephemeral	Minor	4	5	Wet open-cut

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
100.8	SA3PE180	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
101.2	SA3PE184	Unnamed Tributary of Black Fork	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
101.8	SA3PE187	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	3	6	Wet open-cut
102.0	SA3PE186	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Intermittent	Minor	6	8	Wet open-cut
102.0	SA1PE220	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
102.2	SA1PE217	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
102.7	SA1PE089	Moxahala Creek	LRW, AWS, IWS, PCR	N/A	Perennial	Intermediate	20	45	Dry open-cut
104.0	SA7PE095	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
104.0	SA7PE096	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
104.5	SA2PE055	Unnamed Tributary of Bear Creek	PCR- Class B	N/A	Intermittent	Minor	2	3	Wet open-cut
104.6	SA2PE054	Unnamed Tributary of Bear Creek	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
104.6	SA2PE053	Unnamed Tributary of Bear Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
105.2	SA3PE155	Unnamed Tributary of Bear Creek	PCR- Class B	N/A	Ephemeral	Minor	4	0°	Workspace only
105.8	SA1PE074	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
105.9	SA1PE073	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
106.3	SA2PE046	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
106.3	SA2PE045	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Intermittent	Minor	4	8	Wet open-cut
106.9	SA1PE071	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
106.9	SA1PE070	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
107.2	SA1PE069	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
107.2	SA1PE068	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
107.2	SA1PE067	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
107.3	SA1PE066	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
107.6	SA8PE214	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
107.7	SA6PE318	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
108.2	SA3PE159	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
108.3	SA3PE161	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
108.3	SA3PE162	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
108.4	SA3PE165	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	1	1	Wet open-cut
108.5	SA3PE166	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
108.6	SA4PE025	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
109.0	SA4PE020	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	1	3	Wet open-cut
109.0	SA4PE018	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
110.1	SA8PE174	Turkey Run	WWH, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Intermediate	8	28	Dry open-cut
110.3	SA8PE172	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
110.4	SA4PE016	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
110.6	SA1PE048	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Perennial	Minor	4	5	Wet open-cut
110.8	SA4PE014	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
110.9	SA4PE013	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	2	3	Wet open-cut
110.9	SA1PE046	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Perennial	Minor	5	6	Wet open-cut
110.9	SA4PE011	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
111.4	SA3PE148	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
111.4	SA2PE036	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
111.5	PA2PE009	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	25	0 ^c	Workspace only
111.6	SA2PE035	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
111.7	PA2PE008	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Intermediate	36	0 ^c	Workspace only
111.7	SA2PE034	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	2	10	Wet open-cut
111.7	SA2PE031	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Perennial	Minor	10	4	Wet open-cut
111.8	SA2PE032	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
112.5	SA2PE593	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
112.7	SA2PE596	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
113.3	SA1PE525	Unnamed Tributary of Little Monday Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
113.3	SA1PE524	Unnamed Tributary of Little Monday Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
113.6	SA7PE082	Unnamed Tributary of Little Monday Creek	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
113.6	SA7PE081	Unnamed Tributary of Little Monday Creek	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
114.1	SA1PE037	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
114.3	SA1PE039	Unnamed tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Intermediate	8	17	Dry open-cut
115.3	SA2PE019	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
115.4	SA2PE020	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	7	Wet open-cut
115.4	SA8PE171	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
115.4	SA2PE020	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
115.5	SA2PE021	Unnamed tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Intermediate	9	13	Dry open-cut
115.7	SA1PE226	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
117.3	SA1PE241	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
117.3	SA1PE242	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
117.4	SA1PE240	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
117.5	SA5PE509_DT	Unnamed Tributary of Turkey Run	PCR- Class B	Coldwater	Perennial	Intermediate	8	13	Dry open-cut
117.7	SA6PE238	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	4	0 ^c	Workspace only
117.7	SA5PE510_DT	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	4	3	Wet open-cut
118.2	SA6PE236	Turkey Run	WWH, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Intermediate	10	25	Dry open-cut
118.2	SA6PE234	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
Fairfield County, OH									
118.4	SA2FA488	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
118.7	SA2FA494	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
118.7	SA2FA495	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
118.8	SA5FA187_DT	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	7	8	Wet open-cut
119.3	SA3HO149	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
119.3	SA3HO150	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
119.3	SA3HO151	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
119.6	SA1FA387	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
125.5	SA6FA171	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
125.5	SA6FA170	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
125.7	SA6FA195	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
125.7	SA6FA195	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
125.7	SA6FA196	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
125.7	SA6FA197	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
125.7	SA6FA193	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
126.1	SA6FA200	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
126.1	SA6FA200	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
126.1	SA6FA201	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
126.1	SA6FA202	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	4	Wet open-cut
126.2	SA6FA203	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
126.4	SA6FA204	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
126.4	SA6FA206	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
126.6	SA8FA165	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
127.1	SA6FA207	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
127.1	SA6FA209	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
127.1	SA6FA210	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	2	4	Wet open-cut
127.3	SA6FA212	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
127.3	SA6FA214	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
127.5	SA6FA216	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	4	0 ^c	Workspace only
127.7	SA8FA298	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
127.9	SA8FA299	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Perennial	Minor	4	4	Wet open-cut
127.9	SA8FA300	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
128.0	SA8FA301	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Perennial	Minor	7	8	Wet open-cut
129.0	SA8FA302	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
129.2	SA8FA303	Unnamed Tributary of Hocking River	PCR- Class B	Coldwater	Perennial	Minor	5	5	Dry open-cut
129.2	SA8FA304	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Perennial	Minor	3	0 ^c	Workspace only
Hocking County, OH									
119.7	SA1FA386	Unnamed tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	6	0 ^d	HDD
120.0	SA1FA385	Rush Creek	LRW, AWS, IWS, PCR	N/A	Perennial	Intermediate	30	0 ^d	HDD
120.0	SA1FA385	Rush Creek	LRW, AWS, IWS, PCR	N/A	Perennial	Intermediate	30	0 ^c	Workspace only
120.2	SA8HO170	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only

K-1-40

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
120.2	SA8HO170	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	6	Wet open-cut
120.2	SA8HO170	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	8	Wet open-cut
120.8	SA1HO028	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
121.2	SA1HO027	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
121.2	SA1HO026	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
121.3	SA1HO023	Unnamed Tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Minor	6	7	Dry open-cut
121.3	SA1HO023	Unnamed Tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Minor	6	0 ^c	Workspace only
121.3	SA1HO023	Unnamed Tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Minor	6	0 ^c	Workspace only
121.4	SA1HO023	Unnamed Tributary of Rush Creek	PCR- Class B	Coldwater	Perennial	Minor	6	0 ^c	Workspace only
121.4	SA3HO144	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
121.6	SA1HO382	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	5	7	Wet open-cut
122.3	SA1HO018	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	6	7	Wet open-cut
122.5	SA1HO019	Rush Creek	LRW, AWS, IWS, PCR	N/A	Perennial	Major	100	104	Dry open-cut
122.7	SA8HO157	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	4	4	Wet open-cut
123.6	SA8HO158	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	6	6	Wet open-cut
123.8	SA8HO161	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
124.1	SA8HO163	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	4	6	Wet open-cut
124.2	SA8HO164	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	5	Wet open-cut
124.5	SA6HO187	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	6	7	Wet open-cut

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
124.5	SA6HO185	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
124.6	SA6HO185	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
124.8	SA6HO180	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
124.9	SA6HO177	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
125.1	SA6HO176	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	4	Wet open-cut
125.2	SA6HO173	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only
125.2	SA6HO172	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Perennial	Minor	7	8	Wet open-cut
125.2	SA6HO173	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only
125.2	SA6HO173	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only
125.3	SA6HO174	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
125.3	SA6HO175	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
129.5	SA8FA305	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	5	Wet open-cut
129.9	SA8HO308	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
130.1	SA8HO312	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
130.1	SA8HO312	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	2	0 ^c	Workspace only
130.1	SA8HO310	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only
130.2	SA8HO311	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Perennial	Minor	3	3	Wet open-cut
130.2	SA8HO310	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only
130.4	SA1HO291	Hocking River ^f	WWH, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Major	120	0 ^d	HDD

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
130.6	SA8HO314	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^d	HDD
130.7	SA8HO315	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	3	0 ^d	HDD
131.0	SA8HO317	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Perennial	Minor	4	5	Wet open-cut
131.1	SA2HO345	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
LEX1									
Fairfield County, OH									
0.2	SA8FA295	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
0.3	SA8FA293	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	3	Wet open-cut
0.4	SA2FA002	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only
0.4	SA2FA001	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
0.9	SA8FA339	Rush Creek	LRW, AWS, IWS, PCR	N/A	Perennial	Intermediate	70	87	Dry open-cut
R-801 Loop									
Hocking County, OH									
0.2	SA2HO346	Buck Run	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	10	15	Dry open-cut
0.2	SA8HO168	Unnamed Tributary of Buck Run	PCR- Class B	N/A	Intermittent	Minor	4	1	Wet open-cut
0.9	SA2HO350	Unnamed Tributary of Hocking River	PCR- Class B	Coldwater	Perennial	Minor	7	7	Dry open-cut
0.9	SA2HO352	Unnamed Tributary of Hocking River	PCR- Class B	Coldwater	Perennial	Minor	5	0 ^c	Workspace only
0.9	SA2HO352	Unnamed Tributary of Hocking River	PCR- Class B	Coldwater	Perennial	Minor	5	0 ^c	Workspace only
1.3	SA2HO353	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
1.6	SA2HO354	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
2.1	SA2HO356	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
2.2	SA2HO356	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
2.3	SA2HO357	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Ephemeral	Minor	3	5	Wet open-cut
2.3	SA1HO301	Clear Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	4	8	Wet open-cut
2.4	SA1HO299	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Minor	2	6	Wet open-cut
2.4	SA1HO299	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Intermediate	2	11	Wet open-cut
2.5	SA1HO299	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Intermediate	2	35	Wet open-cut
2.5	SA1HO300	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
2.7	SA1HO298	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
2.8	SA1HO297	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
2.9	SA1HO296	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
3.0	SA1HO295	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
3.2	SA1HO294	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
3.3	SA1HO293	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
3.5	SA1HO302	Unnamed Tributary of Duck Creek	PCR- Class B	Coldwater	Perennial	Intermediate	10	11	Dry open-cut
3.5	SA1HO303	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	5	9	Wet open-cut
4.1	SA1HO305	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
4.1	SA1HO304	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
4.2	SA1HO307	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
4.3	SA1HO308	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
4.3	SA1HO309	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
4.6	SA1HO312	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
4.6	SA1HO311	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	5	10	Wet open-cut
4.8	SA2HO367	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	5	5	Wet open-cut
5.0	SA2HO366	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
5.2	SA2HO466	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
5.2	SA2HO466	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
5.2	SA1HO325	Unnamed Tributary of Duck Creek	PCR- Class B	Coldwater	Perennial	Minor	6	6	Dry open-cut
5.5	SA8HO176	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
5.7	SA6HO228	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	7	7	Wet open-cut
5.7	SA6HO229	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	6	0°	Workspace only
5.9	SA2HO365	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
5.9	SA2HO364	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
5.9	SA2HO363	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
6.1	SA2HO362	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
6.2	SA2HO361	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
6.5	SA2HO360	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
6.6	SA2HO360	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
6.7	SA8HO318	Pine Creek	PCR- Class B	N/A	Perennial	Minor	5	6	Wet open-cut
6.9	SA8HO319	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Perennial	Minor	5	6	Wet open-cut

K-1-45

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
6.9	SA8HO320	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
7.0	SA8HO322	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Intermittent	Minor	3	3	Wet open-cut
7.2	SA8HO324	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
7.2	SA8HO323	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
7.2	SA8HO325	Unnamed Tributary of Pine Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
7.4	SA8HO326	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
7.4	SA2HO464	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
7.6	SA2HO463	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
7.6	SA2HO368	Blackjack Branch	SRW, WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	25	25	Dry open-cut
7.7	SA2HO369	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
7.9	SA6HO243	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
7.9	SA6HO242	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Intermittent	Minor	3	0°	Workspace only
8.0	SA2HO371	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
8.1	SA6HO247	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
8.7	SA1HO316	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	6	8	Wet open-cut
8.8	SA1HO315	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
8.9	SA1HO314	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut

K-1-46

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
8.9	SA1HO313	Little Blackjack Branch	SRW, WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	7	10	Dry open-cut
9.1	SA2HO385	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
9.2	SA2HO386	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
9.2	SA2HO388	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
9.3	SA2HO389	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
9.9	SA1HO327	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
10.2	SA1HO328	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Intermittent	Minor	3	4	Wet open-cut
10.5	SA1HO317	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
10.6	SA1HO318	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
11.8	SA1HO324	Queer Creek	EWH, CWH, AWS, IWS, PCR, SHQ	Exceptional warmwater, coldwater	Perennial	Intermediate	12	18	Dry open-cut
12.0	SA2HO384	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	2	4	Wet open-cut
12.1	SA2HO383	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
12.2	SA2HO382	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
12.3	SA2HO381	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Intermittent	Minor	6	9	Wet open-cut
12.4	SA2HO379	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
12.6	SA2HO378	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
12.7	SA2HO376	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
12.8	SA2HO375	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
13.0	SA2HO391	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
13.1	SA2HO393	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
13.3	SA2HO394	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
13.3	SA2HO394	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
13.3	SA2HO394	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
17.3	SA2HO394	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
Vinton County, OH									
13.4	SA2HO396	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
13.4	SA2HO397	Unnamed Tributary of East Fork	PCR- Class B	N/A	Intermittent	Intermediate	8	13	Wet open-cut
13.4	SA2HO398	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
13.6	SA2HO399	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	10	Wet open-cut
13.7	SA1HO332	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
13.7	SA1HO331	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
13.7	SA1HO330	East Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	6	7	Wet open-cut
14.0	SA1HO333	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
14.0	SA1HO334	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
14.1	SA1HO335	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
14.1	SA1HO336	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
14.2	SA1HO337	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
14.5	SA1HO339	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	6	Wet open-cut
14.5	SA1HO340	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
14.8	SA2HO406	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	6	Wet open-cut
15.4	SA2VN402	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
15.5	SA2VN401	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
15.6	SA2VN400	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Intermittent	Intermediate	15	22	Dry open-cut
15.6	SA2VN401	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
16.2	SA2VN408	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Intermittent	Minor	10	7	Wet open-cut
16.4	SA2VN410	Siverly Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	15	11	Dry open-cut
16.6	SA2VN413	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
16.6	SA2VN414	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
16.7	SA1VN345	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
16.8	SA1VN344	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0	Wet open-cut
16.8	SA1VN343	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	7	Wet open-cut
17.0	SA1VN342	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
17.6	SA2VN415	Dunkle Creek	WWH, AWS, IWS, PCR	Warmwater	Intermittent	Minor	6	8	Wet open-cut
17.6	SA2VN416	Unnamed Tributary of Dunkle Creek	PCR- Class B	N/A	Ephemeral	Minor	3	6	Wet open-cut
18.0	SA2VN419	Unnamed Tributary of Dunkle Creek	PCR- Class B	N/A	Intermittent	Minor	4	4	Wet open-cut
19.0	SA2VN420	Unnamed Tributary of Dunkle Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
18.4	SA1VN360	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
18.5	SA1VN361	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
18.5	SA1VN356	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
18.6	SA1VN357	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
18.8	SA1VN353	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
19.1	SA1VN351	Elk Fork	SRW, WWH, AWS, IWS, PCR	Warmwater	Perennial	Intermediate	5	23	Dry open-cut
19.1	SA6VN254	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only
19.2	SA1VN349	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	0 ^c	Workspace only
19.2	SA8VN181	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
19.3	SA1VN348	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
19.8	SA2VN424	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Perennial	Minor	7	8	Wet open-cut
19.8	SA2VN424	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Perennial	Minor	7	0 ^c	Workspace only
20.0	SA8VN183	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only
20.0	SA2VN425	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
20.0	SA2VN426	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
20.2	SA2VN427	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	4	Wet open-cut
20.3	SA2VN428	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
20.7	SA2VN431	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Intermediate	3	18	Wet open-cut
20.7	SA2VN431	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
20.7	SA2VN433	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	7	7	Wet open-cut
20.9	SA8VN189	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	2	6	Wet open-cut
20.9	SA8VN189	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	2	2	Wet open-cut
21.1	SA2VN436	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
21.6	SA6VN260	Unnamed Tributary of Puncheon Fork	PCR- Class B	Coldwater	Perennial	Minor	10	2	Dry open-cut
21.8	SA6VN259	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Ephemeral	Minor	2	2	Wet open-cut
22.2	SA6VN257	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only
22.3	SA1VN363	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Intermittent	Intermediate	10	10	Wet open-cut
22.3	SA6VN256	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	1	0 ^c	Workspace only
22.3	SA1VN362	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Intermittent	Intermediate	10	12	Dry open-cut
22.6	SA6VN264	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	1	2	Wet open-cut
22.8	SA1VN366	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Ephemeral	Minor	7	7	Wet open-cut
23.0	PA1VN035	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Major	128	0 ^c	Workspace only
23.1	SA1VN367	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Intermittent	Minor	4	5	Wet open-cut
23.4	SA6VN271	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	2	3	Wet open-cut
23.5	SA6VN271	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	2	0 ^c	Workspace only

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
23.5	SA2VN449	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	3	5	Wet open-cut
23.6	SA8VN192	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	1	1	Wet open-cut
23.7	SA2VN445	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	4	5	Wet open-cut
23.8	SA2VN444	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	4	4	Wet open-cut
23.9	SA2VN442	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Wet open-cut
24.0	SA2VN441	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	4	0 ^c	Workspace only
BM-111 Loop									
Lawrence County, OH									
0.1	SA1WA368	Ohio River ^{e, f}	WWH, PWS, AWS, IWS, PCR, SHQ	Warmwater	Perennial	Major	1,666	0 ^d	HDD
Wayne County, WV									
0.5	SA1WA369	Unnamed Tributary of the Ohio River	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^d	HDD
0.5	SA1WA370	Twelvepole Creek	A, B1, C, 303 (d) (Tier 1)	Warmwater	Perennial	Major	144	0 ^d	HDD
0.9	SA6WA273	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	6	0 ^d	HDD
0.9	SA6WA273	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	6	0 ^d	HDD
1.1	SA6WA273	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	6	0 ^c	Workspace only
1.1	SA6WA279	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
1.2	SA6WA277	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut

K-1-52

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
1.2	SA6WA278	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
1.3	SA6WA280	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Intermediate	2	11	Wet open-cut
1.3	SA2WA460	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	3	Wet open-cut
1.3	SA2WA459	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	3	Wet open-cut
1.3	SA2WA459	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	2	Wet open-cut
1.4	SA8WA197	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	0 ^c	Workspace only
1.4	SA1WA372	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	0 ^c	Workspace only
1.5	SA1WA373	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
1.5	SA1WA372	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
1.5	SA1WA371	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	3	3	Wet open-cut
1.8	SA2WA458	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	2	Wet open-cut
2.3	SA2WA457	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	4	4	Wet open-cut
2.5	SA2WA454	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
2.5	SA2WA454	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	1	Wet open-cut
2.6	SA2WA450	Twelvepole Creek	A, B1, C (Tier 1)	Warmwater	Perennial	Intermediate	80	90	Dry open-cut
2.7	SA2WA452	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	4	0 ^c	Workspace only
2.7	SA2WA452	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	4	4	Wet open-cut
R-501 Abandonment									
Hocking County, OH									
4.2	SA7HO111	Unnamed Tributary of Buck Run	PCR- Class B	N/A	Intermittent	Minor	3	0 ^c	Workspace only

APPENDIX K-1

Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
6.5	SA7HO113	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Perennial	Minor	5	0°	Workspace only
9.1	SA2HO367	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	5	0°	Workspace only
9.7	SA8HO176	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Intermittent	Minor	2	0°	Workspace only
11.8	SA7HO117	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
12.2	SA2HO371	Unnamed Tributary of Blackjack Branch	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
13.1	SA6HO245	Unnamed Tributary of Little Blackjack Branch	PCR- Class B	N/A	Intermittent	Minor	5	0°	Workspace only
16.8	SA2HO376	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
Vinton County, OH									
17.6	SA2HO399	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	2	0°	Workspace only
17.8	SA1HO331	Unnamed Tributary of East Fork	PCR- Class B	N/A	Ephemeral	Minor	1	0°	Workspace only
17.8	SA1HO330	East Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	6	0°	Workspace only
20.0	SA6VN354	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
20.4	SA6VN355	Siverly Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	10	0°	Workspace only
21.6	SA2VN415	Dunkle creek	WWH, AWS, IWS, PCR	Warmwater	Intermittent	Minor	6	0°	Workspace only
22.0	SA2VN419	Unnamed Tributary of Dunkle Creek	PCR- Class B	N/A	Intermittent	Minor	4	0°	Workspace only
23.8	SA2VN424	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Perennial	Minor	7	0°	Workspace only
24.3	SA2VN427	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	0°	Workspace only
25.6	SA6VN260	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Perennial	Minor	10	0°	Workspace only
26.3	SA1VN363	Unnamed Tributary of Puncheon Fork	PCR- Class B	N/A	Intermittent	Minor	10	0°	Workspace only
Aboveground Facilities									

K-1-54

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
LEX									
Marshall County, WV									
Lone Oak CS	SA7MR006	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	N/A	Timber mat
Lone Oak CS	SA7MR008	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	N/A	Timber mat
Lone Oak CS	SA7MR007	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2	N/A	Timber mat
Lone Oak CS	SA7MR013	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	N/A	Fill ^h
Lone Oak CS	SA7MR014	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	N/A	Timber mat
Lone Oak CS	SA7MR014	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	N/A	Fill ^h
Lone Oak CS	SA7MR012	Unnamed Tributary of Wolf Run	B1 (Tier 2)	Warmwater	Intermittent	Minor	1	N/A	Fill ^h
LEX1									
Fairfield County, OH									
K-260 RS	SA7FA106	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
K-260 RS	SA6FA222	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
R-801 Loop									
Hocking County, OH									
R-System RS	SA8HO169	Unnamed Tributary of Buck Run	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
Benton RS	SA2HO375	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Geotextile fabric/ Timber mat
BM-111 Loop									
Wayne County, WV									
Ceredo CS	SA2WA452	Unnamed Tributary of Twelvepole Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	4	N/A	Fill ^h
Existing Columbia Pipeline System									
Jackson County, OH									

K-1-55

APPENDIX K – WATERBODIES Crossed OR IMPACTED
 BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
Oak Hill CS suction/discharge lines	SA7JA129	Unnamed Tributary of Symmes Creek	PCR- Class B	N/A	Ephemeral	Minor	3	3	Dry open-cut
Oak Hill CS suction/discharge lines	SA2JA597	Unnamed Tributary of Symmes Creek	PCR- Class B	N/A	Ephemeral	Minor	2	2	Dry open-cut
Hocking County, OH									
Benton CS	SA6HO459	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Intermittent	Minor	4	N/A	Existing culvert
Access Roads									
LEX									
Greene County, PA									
TAR-145 (MP 1.7)	SA7GR016	Unnamed Tributary of Dunkard Fork	WWF	Warmwater	Intermittent	Minor	3	N/A	Timber mat
Marshall County, WV									
TAR-148 (MP 5.1)	SA7MR001	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	N/A	Timber mat
TAR-148 (MP 5.1)	SA7MR002	Unnamed Tributary of Williams Run	B1 (Tier 2)	Warmwater	Ephemeral	Minor	2.5	N/A	Timber mat
PAR -145 (MP 17.5)	SA5MR504_DT	Unnamed Tributary of Grave Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	N/A	Timber mat
TAR-126 (MP 21.3)	SA7MR018	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Ephemeral	Minor	1	N/A	Timber mat
TAR-14 (MP 21.4)	SA7MR020	Unnamed Tributary of Fish Creek	B1 (Tier 2)	Warmwater	Intermittent	Minor	2	N/A	Timber mat
TAR-14 (MP 21.4)	SA7MR019	Fish Creek	B1 (Tier 1)	Warmwater	Perennial	Major	75	N/A	Existing bridge
TAR-HDD-2 (MP 25.2), RR-5	SA6MR096	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Perennial	Minor	10	N/A	Timber mat
TAR-HDD-2 (MP 25.2), RR-5	SA6MR098	Unnamed Tributary of Ohio River	B1 (Tier 2)	Warmwater	Ephemeral	Minor	4	N/A	Timber mat
Monroe County, OH									
TAR-156 (MP 25.8), RR-5	SA7MN028	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
TAR-HDD-3 (MP 25.8), RR-5	SA6MN372	Unnamed Tributary of Johnson Run	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
TAR-38 (MP 31.1)	SA7MN021	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Intermittent	Minor	5	N/A	Timber mat
TAR-38 (MP 31.1)	SA7MN023	Unnamed Tributary of Nigger Run	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-63 (MP 34.8)	SA4MN004	Ackerson Run	WWH, AWS, IWS, PCR – Class B	Warmwater	Perennial	Intermediate	12	N/A	Timber mat
TAR-63 (MP 34.8)	SA4MN002	Unnamed Tributary of Ackerson Run	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-63 (MP 34.8)	SA4MN004	Ackerson Run	WWH, AWS, IWS, PCR – Class B	Warmwater	Perennial	Intermediate	12	N/A	Timber mat
TAR-63 (MP 34.8)	SA4MN004	Ackerson Run	WWH, AWS, IWS, PCR – Class B	Warmwater	Perennial	Intermediate	12	N/A	Timber mat
TAR-62 (MP 45.1)	SA7MN029	Unnamed Tributary of Wheeler Run	PCR- Class B	N/A	Perennial	Intermediate	15	N/A	Timber mat
TAR-40 (MP 48.9)	SA7MN033	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	1	N/A	Timber mat
TAR-41 (MP 49.5)	SA7MN035	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-41 (MP 49.5)	SA7MN036	Unnamed Tributary of South Fork	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-41 (MP 49.5)	SA1MN170	Unnamed Tributary of South Fork	PCR- Class B	N/A	Perennial	Minor	5	N/A	Timber mat
Noble County, OH									
PAR-F-5 (Summerfield CS [MP 57.20])	SA7NO037	Unnamed Tributary of Wolfpen Run	PCR- Class B	Coldwater	Intermittent	Minor	2	N/A	Permanent culvert ^f
PAR-F-5 (Summerfield CS [MP 57.20])	SA7NO038	Wolfpen Run	WWH (*L), AWS, IWS, PCR	Limited warmwater	Perennial	Minor	8	N/A	Permanent culvert ^f
TAR-74 (MP 68.8)	SA7NO040	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Perennial	Minor	5	N/A	Timber mat
TAR-71 (MP 74.6)	SA7NO042	Unnamed Tributary of Blanchard Run	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
Morgan County, OH									

K-1-57

APPENDIX K – WATERBODIES Crossed OR IMPACTED BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
TAR-42 (MP 85.3)	SA7MO043	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-42 (MP 85.3)	SA7MO044	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
TAR-30 (MP 87.5)	SA7MO048	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Perennial	Minor	7	N/A	Timber mat
TAR-30 (MP 87.5)	SA7MO049	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
TAR-30 (MP 87.5)	SA7MO049	Unnamed Tributary of Mans Fork	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
TAR-15 (MP 89.4)	SA7MO051	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Perennial	Intermediate	15	N/A	Timber mat
TAR-15 (MP 89.4)	SA7MO052	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	N/A	Timber mat
TAR-15 (MP 89.4)	SA7MO052	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	N/A	Timber mat
TAR-HDD-4 (MP 89.4)	SA7MO052	Unnamed Tributary of Muskingum River	PCR- Class B	N/A	Intermittent	Minor	6	N/A	Timber mat
Perry County, OH									
TAR-28 (MP 110.5)	SA7PE101	Unnamed Tributary of Turkey Run	PCR- Class B	N/A	Intermittent	Minor	4	N/A	Timber mat
TAR-24 (MP 115.7)	SA7PE087	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-24 (MP 115.7)	SA7PE084	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-24 (MP 115.7)	SA7PE086	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
TAR-25 (MP 116.5)	SA7PE088	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-5 (MP 117.7)	SA7PE091	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-5 (MP 117.7)	SA7PE091	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
Fairfield County, OH									
TAR-21	SA6FA197	Unnamed Tributary	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
(MP 125.7)		of Rush Creek							
Hocking County, OH									
TAR-172 (MP 119.6)	SA7HO103	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-172 (MP 119.6)	SA7HO104	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
TAR-172 (MP 119.6)]SA3HO145	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
TAR-52 (MP 130.2)	SA8HO340	Unnamed Tributary of Hocking River	PCR- Class B	N/A	Intermittent	Minor	1	N/A	Timber mat
LEX1									
Fairfield County, OH									
PAR-4-22 (K-260 RS [MP 0.3])	SA7FA106	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Permanent culvert ¹
PAR-4-22 (K-260 RS [MP 0.3])	SA6FA222	Unnamed Tributary of Rush Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Permanent culvert ¹
R-801 Loop									
Hocking County, OH									
TAR-49 (MP 2.3)	SA2HO357	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-49 (MP 2.3)	SA1HO301	Clear Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	4	N/A	Timber mat
TAR-8 (MP 7.7)	SA2HO368	Blackjack Branch	SRW, WWH, AWS, PCR	Warmwater	Perennial	Intermediate	15	N/A	Timber mat
Vinton County, OH									
TAR-46 (MP 14.5)	SA1HO340	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-77 (MP 15.2)	SA7VN122	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
TAR-77 (MP 15.2)	SA7VN119	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Perennial	Intermediate	12	N/A	Timber mat
TAR-68 (MP 15.6)	SA7VN500	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Perennial	Intermediate	16	N/A	Timber mat

K-1-59

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
TAR-68 (MP 15.6)	SA7VN125	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Perennial	Intermediate	15	N/A	Timber mat
R-501 Abandonment									
Hocking County, OH									
TAR-90 (MP 4.2)	SA7HO111	Unnamed Tributary of Buck Run	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
TAR-90 (MP 4.2)	SA7HO110	Unnamed Tributary of Buck Run	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-93 (MP 6.5)	SA7HO113	Clear Fork	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	5	N/A	Timber mat
TAR-93 (MP 6.5)	SA7HO112	Unnamed Tributary of Clear Fork	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-98 (MP 8.9)	SA7HO116	Duck Creek	WWH, AWS, IWS, PCR	Warmwater	Perennial	Minor	15	N/A	Timber mat
TAR-101 (MP 9.2)	SA2HO366	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-104 (MP 9.7)	SA8HO175	Duck Creek	WWH, AWS, IWS, PCR	Warmwater	Intermittent	Minor	8	N/A	Timber mat
TAR-105 (MP 11.9)	SA2HO369	Unnamed Tributary of Duck Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
Vinton County, OH									
TAR-112 (MP 21.6)	SA2VN416	Unnamed Tributary of Dunkle Creek	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-178 (MP 23.1)	SA8VN181	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Intermittent	Minor	2	N/A	Timber mat
TAR-178 (MP 23.1)	SA1VN349	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-178 (MP 23.1)	SA1VN348	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
TAR-173 (MP 23.8)	SA2VN425	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-173 (MP 23.8)	SA2VN426	Unnamed Tributary of Elk Fork	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
TAR-174 (MP 26.3)	SA1VN362	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Intermittent	Minor	10	N/A	Timber mat

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

**APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project**

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
TAR-174 (MP 26.3)	SA6VN264	Unnamed Tributary of Little Raccoon Creek	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
Existing Columbia Pipeline System									
Jackson County, OH									
PAR-F-16 (Oak Hill CS tie-in facility)	SA7JA129	Unnamed Tributary of Symmes Creek	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Permanent culvert
TAR-F-15 (Oak Hill CS)	SA8JA338	Unnamed Tributary of Symmes Creek	PCR- Class B	N/A	Perennial	Minor	7	N/A	Existing culvert
Contractor/Staging/Pipe Yards									
LEX									
Marshall County, WV									
Pipe Yard 26 (MP 16.0)	SA6MR340	Unnamed Tributary of Little Grave Creek	PCR- Class B	N/A	Ephemeral	Minor	4	N/A	Timber mat
Pipe Yard 02 (MP 23.6)	SA6MR341	Unnamed Tributary of Ohio River	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
Monroe County, OH									
Pipe Yard 34 (Alternate) (MP 42.8)	SA8MN249	Unnamed Tributary of Town Fork	PCR- Class B	N/A	Ephemeral	Minor	3	N/A	Timber mat
Muskingum County, OH									
Pipe Yard 36 (MP 100.0)	PA7MU004	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Major	310	N/A	N/A ⁹
Pipe Yard 36 (MP 100.0)	SA7MU076	Unnamed Tributary of Jonathan Creek	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
Pipe Yard 36 (MP 100.0)	SA7MU077	Unnamed Tributary of Jonathan Creek	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
Pipe Yard 36 (MP 100.0)	SA7MU079	Unnamed Tributary of Jonathan Creek	PCR- Class B	N/A	Intermittent	Minor	1	N/A	Timber mat
Pipe Yard 36 (MP 100.0)	SA7MU078	Unnamed Tributary of Jonathan Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
Pipe Yard 36 (MP 100.0)	PA7MU005	Manmade Pond	PCR- Class B	N/A	Manmade Pond	Major	126	N/A	N/A ⁹
Perry County, OH									

K-1-61

APPENDIX K – WATERBODIES Crossed OR IMPACTED
BY THE PROJECTS

APPENDIX K-1
Waterbodies Crossed or Impacted by the Leach XPress Project

Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
Pipe Yard 18 (Alternate) (MP 102.6)	SA7PE075	Unnamed Tributary of Moxahala Creek	PCR- Class B	N/A	Ephemeral	Minor	2	N/A	Timber mat
R-801 Loop									
Hocking County, OH									
Pipe Yard 13 (Alternate) (MP 9.7)	SA6HO244	Unnamed Tributary of Queer Creek	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Timber mat
Vinton County, OH									
Pipe Yard 20 (MP 14.4)	SA7VN128	Unnamed Tributary of Brushy Fork	PCR- Class B	N/A	Intermittent	Minor	3	N/A	Timber mat
CP Anode Beds									
LEX									
Marshall County, WV									
17.5	SA8MR233	Unnamed Tributary of Grave Creek	PCR- Class B	N/A	Intermittent	Minor	4	N/A	Wet open-cut
Hocking County, OH									
14.2	SA1HO337	Unnamed Tributary of Siverly Creek	PCR- Class B	N/A	Ephemeral	Minor	1	N/A	Wet open-cut

APPENDIX K-1									
Waterbodies Crossed or Impacted by the Leach XPress Project									
Milepost/ Facility	Feature ID	Waterbody Name	State Water Quality Classification ^{a, b}	Fisheries Classification	Flow Regime	FERC Classification	Waterbody Width (feet)	Pipeline Crossing Length (feet)	Proposed Crossing Method
<p>'_DT' denotes features identified via desktop analysis. Waterbody data is based on field delineations conducted to date. N/A - Not Applicable HDD - Horizontal directional drill</p> <p>^a West Virginia water quality and fisheries classifications are based on the designated use of a waterbody and level of protection required to maintain the water's use, as determined by the West Virginia Water Quality Standards (47 CSR 2): A – Category A waterbody (public water supply) B1 – Category B1 waterbody (warmwater fishery) C – Category C waterbody (water contact recreation) E3 – Category E3 waterbody (industrial) Tier 1 – Maintains and protects existing uses of a water body and the water quality conditions necessary to support such uses. A waterbody that is listed as impaired on the states 303(d) list is considered a Tier 1 water as it pertains to the specific pollutant listed. Tier 2 – Maintains and protects "high quality" waters - waterbodies where the level of water quality exceeds levels necessary to support recreation and wildlife and the propagation and maintenance of fish and other aquatic life. Tier 2 is the default assignment for a waterbody not listed as impaired on the states 303(d) list.</p> <p>^b Ohio water quality and fisheries classifications are based on the designated use of a waterbody, as determined by the Ohio Water Quality Standards (OAC 3745-1). PCR – primary contact recreation waterbody (Class B) SCR - secondary contact recreation waterbody SRW – state resource water SHQ – superior high quality WWH - warmwater habitat WWH (*L) - limited warmwater habitat EWH - exceptional warmwater habitat CWH - coldwater habitat LRW - limited resource water AWS - agricultural water supply IWS - industrial water supply</p> <p>^c Waterbody will not be crossed by the pipeline centerline, but is located within the Project footprint.</p> <p>^d Waterbody will be crossed by HDD method.</p> <p>^e The Project crosses the Ohio River in both West Virginia and Ohio. Impacts associated with the crossing are only provided for the county and state where the Project first crosses the Ohio River.</p> <p>^f Denotes Section 10 waterbodies.</p> <p>^g Two manmade ponds located within the workspace at Pipe Yard 36 will be avoided during construction activities; therefore, impacts are not anticipated.</p> <p>^h Waterbody will be permanently filled to accommodate construction and operation of proposed compressor station facility.</p> <p>ⁱ Waterbody will be permanently filled by placement of a new or replacement of an existing permanent culvert to accommodate access during operation of proposed facility.</p> <p>^j The Project crosses Dunkard Fork in both Pennsylvania and West Virginia. The collective impacts associated with the crossing for both states are only presented for the county and state where the Project first crosses Dunkard Fork.</p>									

APPENDIX K-2
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
LEX				
Marshall County, WV				
25.4, RR-5	SA7MN027	Ohio River (Upper South)	Dioxins, bacteria, metals (other than Mercury), PCB	No
Monroe County, OH				
25.9, RR-5	SA6MN361	Unnamed Tributary of Ohio River	Unknown, Pathogens	No
27.3	SA6MN105	Unnamed Tributary of Johnson Run	Unknown, Pathogens	No
28.8	SA8MN251	Johnson Run	Unknown, Pathogens	No
29.8	SA2MN476	Stillhouse Run	Unknown, Pathogens	No
31.1	SA1MN178	Nigger Run	Unknown, Pathogens	No
31.1	SA1MN178	Nigger Run	Unknown, Pathogens	No
32.3	SA8MN124	Unnamed Tributary of Paine Run	Unknown, Pathogens	No
33.4	SA2MN281	Paine Run	Unknown, Pathogens	No
34.8	SA4MN004	Ackerson Run	Unknown, Pathogens	No
35.9	SA6MN346	Unnamed Tributary of Sunfish Creek	Unknown, Pathogens	No
36.7	SA5MN101_DT	East Fork	Unknown, Pathogens	No
36.9	SA5MN103_DT	Unnamed Tributary of East Fork	Unknown, Pathogens	No
38.0	SA2MN267	Unnamed Tributary of Piney Fork	Unknown, Pathogens	No
38.4	SA3MN109	Unnamed Tributary of Piney Fork	Unknown, Pathogens	No
38.7	SA3MN107	Piney Fork	Unknown, Pathogens	No
39.9	SA3MN098	Unnamed Tributary of Sunfish Creek	Unknown, Pathogens	No
40.7	SA2MN254	Death Creek	Unknown, Pathogens	No
41.5	SA2MN244	Grassy Creek	Unknown, Pathogens	No
42.0	SA3MN096	Baker Fork	Unknown, Pathogens	No
44.0	SA3MN090	Unnamed Tributary of Sunfish Creek	Unknown, Pathogens	No
45.2	SA2MN236	Wheeler Run	Unknown, Pathogens	No
46.4	SA2MN223	Unnamed Tributary of Sunfish Creek	Unknown, Pathogens	No
46.4	SA2MN223	Unnamed Tributary of Sunfish Creek	Unknown, Pathogens	No
Noble County, OH				
55.5, RR-7	SA8NO361	Barnes Run	Pathogens	No
56.1	SA8NO145	Unnamed Tributary of Barnes Run	Pathogens	No
56.5	SA6NO143	Wolfpen Run	Pathogens	No
58.1	SA8NO150	East Fork Duck Creek	Pathogens	No
62.0	SA3NO038	Buffalo Creek	Ammonia, habitat alterations, metals (other than mercury), pathogens, siltation	No

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
63.9	SA6NO351	Unnamed Tributary of Dog Run	DDT in tissue, PCB in fish tissue, Pathogens	No
64.4	SA5NO169	Unnamed Tributary of Dog Run	DDT in tissue, PCB in fish tissue, Pathogens	No
65.1	SA3NO022	Unnamed Tributary of Dog Run	DDT in tissue, PCB in fish tissue, Pathogens	No
67.0	SA3NO168	West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
67.0	SA3NO168	West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
69.3	SA4NO047	Unnamed Tributary of West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
70.7	SA1NO248	Unnamed Tributary of West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
70.8	SA1NO248	Unnamed Tributary of West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
71.3	SA1NO402	Unnamed Tributary of West Fork Duck Creek	DDT in tissue, PCB in fish tissue, Pathogens	No
74.2	SA2NO525	Unnamed Tributary of Dyes Fork	Pathogens, Siltation	No
74.4	SA2NO515	Unnamed Tributary of Dyes Fork	Pathogens, Siltation	No
74.8	SA2NO519	Unnamed Tributary of Blanchard Run	Pathogens, Siltation	No
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	Pathogens, Siltation	No
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	Pathogens, Siltation	No
75.7	SA4NO058	Unnamed Tributary of Blanchard Run	Pathogens, Siltation	No
Muskingum County, OH				
79.3	SA1MU430	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.3	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.3	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.5	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.5	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.6	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.7	SA1MU427	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
79.7	SA1MU426	Guyst Fork	Pathogens, Siltation	No
80.6	SA2MU545	Unnamed Tributary of Guyst Fork	Pathogens, Siltation	No
81.6	SA1MU433	Unnamed Tributary of Meigs Creek	Pathogens, Siltation	No
82.0	SA1MU435	Starrett Creek	Pathogens, Siltation	No
82.1	SA1MU436	Meigs Creek	Pathogens, Siltation	No

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
83.7	SA1MU445	Marshall Creek	Pathogens, Siltation	No
Morgan County, OH				
86.9	SA3MO500	Unnamed Tributary of Mans Fork	Pathogens, Siltation	No
87.5	SA1MO462	Mans Fork	Pathogens, Siltation	No
87.9	SA1MO461	Unnamed Tributary of Mans Fork	Pathogens, Siltation	No
88.8	SA2MO107	Unnamed Tributary of Mans Fork	Pathogens, Siltation	No
89.4	SA6MO298	Muskingum River	PCB in fish tissue	No
96.8	SA1MO095	Unnamed Tributary of Bennett Run	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
Perry County, OH				
97.9	SA2PE074	Unnamed Tributary of Bennett Run	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
97.9	SA2PE074	Unnamed Tributary of Bennett Run	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
97.9	SA2PE074	Unnamed Tributary of Bennett Run	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
98.3	SA2PE072	Bennett Run	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
100.1	SA1PE279	Black Fork	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
102.0	SA3PE186	Unnamed Tributary of Moxahala Creek	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
102.7	SA1PE089	Moxahala Creek	Flow Alterations(s), Habitat Alterations, Siltation, pH	No
110.1	SA8PE174	Turkey Run	Aluminum, habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	No, Yes, Yes, Yes, No, Yes, No
112.5	SA2PE593	Unnamed Tributary of Turkey Run	Aluminum, habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	No, Yes, Yes, Yes, No, Yes, No
114.3	SA1PE039	Unnamed Tributary of Rush Creek	Aluminum, habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	No, Yes, Yes, Yes, No, Yes, No
115.3	SA2PE019	Unnamed Tributary of Rush Creek	Aluminum, habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	No, Yes, Yes, Yes, No, Yes, No
117.5	SA5PE509_DT	Unnamed Tributary of Turkey Run	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
118.2	SA6PE236	Turkey Run	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
118.2	SA6PE234	Unnamed Tributary of Turkey Run	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
Fairfield County, OH				

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
120.0	SA1FA385	Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
120.0	SA1FA385	Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
Hocking County, OH				
121.3	SA1HO023	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
121.3	SA1HO023	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
121.3	SA1HO023	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
121.4	SA1HO023	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
122.3	SA1HO018	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
122.5	SA1HO019	Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
122.7	SA8HO157	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
123.6	SA8HO158	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
125.2	SA6HO172	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
Fairfield County, OH				
126.1	SA6FA201	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
126.6	SA8FA165	Unnamed Tributary of Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
128.0	SA8FA301	Unnamed Tributary of Hocking River	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
Hocking County, OH				
130.4	SA1HO291	Hocking River	PCB in fish tissue, pathogens	No
LEX1				
Fairfield County, OH				
0.9	SA8FA339	Rush Creek	Habitat alterations, nutrients, organic enrichment, low dissolved oxygen, pathogens, siltation	Fecal coliform 5,704 (cfu*10/day)
R-801 Loop				
Hocking County, OH				

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
0.2	SA2HO346	Buck Run	Habitat alterations, nutrients, low dissolved oxygen, pcb in fish tissues, pathogens, siltation	Fecal coliform 1,363(cfu*10/day)
0.9	SA2HO350	Unnamed Tributary of Hocking River	Habitat alterations, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, pathogens, siltation	Yes, No, No, No, Yes, Yes
1.3	SA2HO353	Unnamed Tributary of Hocking River	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Phosphorous 12 lbs/day
2.3	SA1HO301	Clear Fork	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Phosphorous 12 lbs/day
2.8	SA1HO297	Unnamed Tributary of Duck Creek	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Yes, Yes, No, Yes, Yes, No, Yes, No
3.5	SA1HO302	Unnamed Tributary of Duck Creek	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Yes, Yes, No, Yes, Yes, No, Yes, No
5.2	SA1HO325	Unnamed Tributary of Duck Creek	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Yes, Yes, No, Yes, Yes, No, Yes, No
5.7	SA6HO228	Unnamed Tributary of Duck Creek	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/low dissolved oxygen, PCB in fish tissue, siltation, pH	Yes, Yes, No, Yes, Yes, No, Yes, No
6.7	SA8HO318	Pine Creek	Nutrients, PCB in fish tissue, sediment/siltation	No, No, Yes
7.6	SA2HO368	Blackjack Branch	Nutrients, PCB in fish tissue, sedimentation/siltation	No, No, Yes
8.9	SA1HO313	Little Blackjack Branch	Nutrients, PCB in fish tissue, sedimentation/siltation	No, No, Yes
9.9	SA1HO327	Unnamed Tributary of Queer Creek	Unknown, natural limits	No
11.8	SA1HO324	Queer Creek	Unknown, natural limits	No
12.3	SA2HO381	Unnamed Tributary of Queer Creek	Unknown, natural limits	No
13.7	SA1HO330	East Fork	Unknown, natural limits	No
Vinton County, OH				
15.6	SA2VN400	Unnamed Tributary of Siverly Creek	Aluminum, habitat alterations, iron, metals (other than Mercury), siltation, zinc, pH	No
16.4	SA2VN410	Siverly Creek	Aluminum, habitat alterations, iron, metals (other than mercury), siltation, zinc, pH	No
17.6	SA2VN415	Dunkle Creek	Aluminum, habitat alterations, iron, metals (other than mercury), siltation, zinc, pH	No
19.1	SA1VN351	Elk Fork	Aluminum, habitat alterations, iron, metals (other than mercury), siltation, zinc, pH	No

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
19.8	SA2VN424	Unnamed Tributary of Elk Fork	Unknown, iron, metals, nutrients, oil and grease, salinity/total dissolved solids/ chlorides, siltation, zinc, pH	No
19.8	SA2VN424	Unnamed Tributary of Elk Fork	Unknown, iron, metals, nutrients, oil and grease, salinity/total dissolved solids/ chlorides, siltation, zinc, pH	No
21.1	SA2VN436	Unnamed Tributary of Elk Fork	Unknown, iron, metals (other than mercury), nutrients, oil and grease, salinity/total dissolved solids/chlorides, siltation, zinc, pH	No
21.6	SA6VN260	Unnamed Tributary of Puncheon Fork	Unknown, iron, metals (other than mercury), nutrients, oil and grease, salinity/total dissolved solids/chlorides, siltation, zinc, pH	No
22.3	SA1VN362	Unnamed Tributary of Little Raccoon Creek	Unknown, iron, metals (other than mercury), nutrients, oil and grease, salinity/total dissolved solids/chlorides, siltation, zinc, pH	No
22.8	SA1VN366	Unnamed Tributary of Puncheon Fork	Unknown, iron, metals (other than mercury), nutrients, oil and grease, salinity/total dissolved solids/chlorides, siltation, zinc, pH	No
23.7	SA2VN445	Unnamed Tributary of Little Raccoon Creek	Aluminum, habitat alterations, iron, metals (other than Mercury), nickel, nutrients, organic enrichment/low dissolved oxygen, salinity/total dissolved solids/chlorides, siltation, thermal modifications, pH	No
BM-111 Loop				
Lawrence County, OH				
0.1	SA1WA368	Ohio River	Dioxins, bacteria, iron, PCB	No
Wayne County, OH				
0.5	SA1WA370	Twelvepole Creek	Fecal coliform, iron, zinc	No
2.6	SA2WA450	Twelvepole Creek	Fecal coliform, iron, zinc	No
R-501 Abandonment				
Hocking County, OH				
6.5	SA7HO113	Unnamed Tributary of Clear Fork	Unknown, habitat alterations, natural limits, nutrients, organic enrichment/lower dissolved oxygen, PCB in fish tissue, siltation, pH	Phosphorous 12 lbs/day
Vinton County, OH				
17.8	SA1HO330	East Fork	Unknown, natural limits	No
20.4	SA6VN355	Siverly Creek	Aluminum, habitat alterations, iron, metals (other than mercury), siltation, zinc, pH	No
21.6	SA2VN415	Dunkle creek	Aluminum, habitat alterations, iron, metals (other than mercury), siltation, zinc, pH	No

APPENDIX K – WATERBODIES CROSSED OR IMPACTED BY THE PROJECTS

APPENDIX K-2				
303(d) Listed Impaired Waterbodies Crossed by the Leach XPress Project				
Approximate Milepost	Feature ID	Name of Waterbody	Source of Impairment	TMDL
23.8	SA2VN424	Unnamed Tributary of Elk Fork	Unknown, iron, metals, nutrients, oil and grease, salinity/total dissolved solids/ chlorides, siltation, zinc, pH	No
25.6	SA6VN260	Unnamed Tributary of Puncheon Fork	Unknown, iron, metals (other than mercury), nutrients, oil and grease, salinity/total dissolved solids/chlorides, siltation, zinc, pH	No

