



**ATTACHMENT G**  
**Waterbody and Wetland Crossing Tables**



**Table 2.2-2. Waterbodies Crossed by the Project**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline</b>											
SIL-JJP-003	1.3	Unnamed Tributary ("UNT") to Little Sandy Creek	IT	10	2	10	GEN, PFPWS	Scott, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-147	1.9R	UNT to Little Sandy Creek	E	4	0	4	GEN, PFPWS	Scott, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-033	2.7R3	UNT to Little Sandy Creek	P	20	17	9	GEN, PFPWS	Scott, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-013	3.4	Little Sandy Creek	P	40	15	30	GEN, PFPWS	Scott, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-010	3.5	UNT to Little Sandy Creek	E	6	0	6	GEN, PFPWS	Scott, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-017	3.6	UNT to Little Sandy Creek	E	2	0	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-TMA-011	3.8	UNT to Little Sandy Creek	IT	8	1.5	8	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-018	4.0	UNT to Little Sandy Creek	P	25	6	19	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-016	4.3	UNT to Little Sandy Creek	IT	8	1	0	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-018	4.3	UNT to Little Sandy Creek	P	9	2	9	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-054	4.3	UNT to Little Sandy Creek	E	8	0	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-JJP-026	5.6	UNT to Hurricane Creek	IT	2.5	0	2.5	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-027	5.7	UNT to Hurricane Creek	IT	4	0	4	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-035	6.3	UNT to Hurricane Creek	IT	4	2	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-TMA-020	6.4	Hurricane Creek	P	12	4	25	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-026	8.8	UNT to Seminary Creek	IT	7	2	7	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SIL-JJP-031	10.3	UNT to Seminary Creek	E	4	0	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-TMA-021	10.3	UNT to Seminary Creek	P	30	22	28	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-022	10.8	UNT to Seminary Creek	E	4	0	4	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-024	11.3	UNT to Seminary Creek	E	4	0	4	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-031	13.2	UNT to Apple Creek	P	15	12	14	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-033	13.9	Apple Creek	P	67	35	67	GEN, PFPWS	Greene, Illinois	WWF	Aquatic Life (Dissolved Oxygen) Primary Contact Recreation (Fecal Coliform)	Dry Ditch Flume
SIL-TMA-035	17.1	UNT to Coates Creek	P	3	2	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-TMA-036	17.6R2	UNT to Coates Creek	P	5	3	5	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-143	18.7 R	Coates Creek	P	15	4	13	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-042	19.1	UNT to Coates Creek	P	6	3.5	6	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-100	19.1	UNT to Coates Creek	E	4	0	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-JJP-110	20.8	UNT to Link Branch	P	7	2.5	7	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-111	20.9	UNT to Link Branch	E	5	0	0	GEN, PFPWS	Greene, Illinois	WWF	No	Workspace Only
SIL-TMA-051	20.9	UNT to Link Branch	IT	6	2	6	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-078	22.4R2	UNT to Link Branch	IT	2	1.5	2	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SIL-CDK-016	23.5	UNT to Macoupin Creek	IT	9	4	9	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-148	25.3R	Macoupin Creek	P	145	0	145	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-141	25.3R	UNT to Macoupin Creek	E	4	2	4	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-104	25.8R	UNT to Macoupin Creek	P	8	3	8	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-145	26.7	UNT to Macoupin Creek	P	4	N/A	4	GEN, PFPWS	Greene, Illinois	WWF	No	Dry Ditch Flume
SIL-DFW-002	31.6	UNT to Wines Branch	IT	3.5	1	3.5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-DFW-001	31.6	Wines Branch	P	25	3.5	13	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
NHD-761	33.7	UNT to Otter Creek	IT	N/A	N/A	N/A	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-012	35.2R	UNT to Otter Creek	P	23	12	34	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-117	35.2R	UNT to Otter Creek	E	6	0	6	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-058	35.5R	UNT to Otter Creek	P	8	4	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-148A	35.7R	UNT to Otter Creek	E	6	N/A	6	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-060	35.7R	UNT to Otter Creek	IT	8	3	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-052	36.3R	UNT to Otter Creek	E	3	N/A	3	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-022	36.6R	Otter Creek	P	65	20	56	GEN, PFPWS	Jersey, Illinois	WWF	Aquatic Life (Dissolved Oxygen)	Dry Ditch Flume
SIL-JJP-136	38.9	UNT to South Fork Otter Creek	E	4	0	4	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-074	39.0	UNT to South Fork Otter Creek	P	5	2.5	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SIL-TMA-073	39.0	UNT to South Fork Otter Creek	E	4	0	4	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-134	39.2	UNT to South Fork Otter Creek	P	8	1	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-131	39.4	UNT to South Fork Otter Creek	E	4	0	0	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-JJP-132	39.4	UNT to South Fork Otter Creek	E	4	0	0	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-JJP-130	39.4	UNT to South Fork Otter Creek	P	8	1	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-072	39.5	UNT to South Fork Otter Creek	E	3	0	3	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-070	39.6	UNT to South Fork Otter Creek	E	5	0	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-127	39.7	UNT to South Fork Otter Creek	E	4	0	4	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-TMA-066	39.8R	UNT to South Fork Otter Creek	P	12	6	13	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-006	40.9R	UNT to South Fork Otter Creek	IT	5	0.75	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-007	41.0R	UNT to South Fork Otter Creek	IT	5	2	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-001	41.5R	UNT to South Fork Otter Creek	P	25	3	32	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-002	41.5R	UNT to South Fork Otter Creek	IT	4	2	4	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-CDK-003	41.6R	UNT to South Fork Otter Creek	E	5	0	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-008	42.0R	UNT to South Fork Otter Creek	IT	6	4	6	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-020	42.0R	UNT to South Fork Otter Creek	IT	8	1	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-009	42.1R	UNT to South Fork Otter Creek	IT	5	0.5	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SIL-WJW-016	44.2	UNT to Mississippi River	IT	8	0.5	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-014	44.5	UNT to Mississippi River	E	5	0	0	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-JJP-209	44.5	UNT to Mississippi River	P	12	4	17	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-WJW-013	44.5	UNT to Mississippi River	E	6	0	0	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-JJP-211	44.8R3	UNT to Mississippi River	E	5		5	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-JJP-203	44.9R3	UNT to Mississippi River	IT	5	1.5	5	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-202	45.1R3	UNT to Mississippi River	E	2	0.4	0	GEN, PFPWS	Jersey, Illinois	WWF	No	Workspace Only
SIL-WJW-011	44.9R3	UNT to Mississippi River	P	8	3	8	GEN, PFPWS	Jersey, Illinois	WWF	No	Dry Ditch Flume
SIL-JJP-200	45.0R3	UNT to Mississippi River	P	5	1	5	GEN, PFPWS	Jersey, Illinois	WWF	No	HDD and Workspace Only
SIL-WJW-010	45.1R3	Mississippi River	P	4,500	3,020*	3,020*	Illinois: GEN, PFPWS	Jersey, Illinois	WWF	Illinois: Fish Consumption [Polychlorinated Biphenyls ("PCBs") and Mercury], Primary Contact Recreation (Fecal Coliform)	HDD
							Missouri: LWW, AQL, WBC-Category A, SCR, DWS, IND	St. Charles, Missouri	WWF	Missouri: Category B ( <i>E. coli</i> )	



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SMO-WJW-001, NHD-924	46.0	Luesse Lake	P	300*	300*	300*	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	HDD
SMO-TMA-008	46.3	UNT to Mississippi River	E	2	0	0	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Workspace Only
SMO-JJP-030	46.5	UNT to Mississippi River	E	3	0	0	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Workspace Only
SMO-TMA-011	46.7	UNT to Mississippi River	E	2	0	0	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Workspace Only
SMO-JJP-004	47.0R	UNT to Mississippi River	E	2	0	2	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-003	47.7R	UNT to Mississippi River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-006	47.8R	UNT to Mississippi River	P	60	20	60	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-001	48.5	UNT to Mississippi River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-009	49.6R2	UNT to Mississippi River	E	6	0	6	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-022	49.9R2	UNT to Mississippi River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>24-Inch Pipeline (Continued)</b>											
SMO-TMA-005	52.0	UNT to Missouri River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-004	52.1	UNT to Missouri River	E	3	0	3	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-003	52.2	UNT to Missouri River	E	3	0	2	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-002	52.3	UNT to Missouri River	E	2	0	2	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
PMO-TMA-001	54.5	None	Pond	N/A	N/A	73	N/A	St. Charles, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-001	57.9	Missouri River (oxbow)	P	175*	165*	345*	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	HDD
SMO-CDK-001	58.2	Missouri River	P	1,335*	1,300*	1,320*	IRR, LWW, AQL, WBC - Category B, SCR, DWS, IND	St. Louis, Missouri	WWF	WBC-Category B ( <i>E. coli</i> )	HDD
<b>North County Extension</b>											
SMO-JJP-022	0.9	UNT to Missouri River	P	6	2	6	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-024	1.1	UNT to Missouri River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume





**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>North County Extension (Continued)</b>											
SMO-JJP-022	1.1 - 1.2	UNT to Missouri River	P	6	2	35	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-026	1.2	UNT to Missouri River	E	6	0	6	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-027	1.2	UNT to Missouri River	E	6	1	6	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-020	1.9R3	Coldwater Creek	P	125	80	160	LWW, AQL, WBC - Category B, IND <sup>9</sup>	St. Louis, Missouri	WWF	AQL (Chloride) and WBC-Category B, SCR ( <i>E. coli</i> )	HDD
SMO-JJP-032	2.0R3	UNT to Coldwater Creek	P	15	4	14	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
SMO-JJP-032A	2.0R3	UNT to Coldwater Creek	IT	10	3	10	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
SMO-JJP-032A	2.1R3	UNT to Coldwater Creek	IT	10	3	10	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
SMO-TMA-017 (previously identified as NHD-955)	2.9	UNT to Coldwater Creek	P	30	5	30	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-TMA-020	3.8	UNT to Mississippi River	P	8	3	8	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>North County Extension (Continued)</b>											
SMO-TMA-021	3.8	UNT to Mississippi River	E	4	0	4	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	Dry Ditch Flume
PMO-JJP-001	4.0	Carp Lake	Pond	N/A	N/A	334	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
PMO-JJP-001	4.1	Sunfish Lake	Pond	N/A	N/A	433	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
PMO-JJP-002	4.3	Emerald Greens Golf Course	Pond	N/A	N/A	210	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	HDD
SMO-JJP-015	5.3	UNT to Mississippi River	P	14	5	14	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
SMO-JJP-012	5.5	UNT to Mississippi River	P	35	5	40	AQL, WBC - Category B, SCR, LWW, IRR	St. Louis, Missouri	WWF	No	Dry Ditch Flume
<b>Laclede/Lange Delivery</b>											
SMO-DFW-002	-	UNT to Missouri River	E	6	0	0	N/A	St. Louis, Missouri	WWF	No	Workspace Only <sup>10</sup>
<b>Access Roads</b>											
SIL-TMA-049	24.8R	UNT to Macoupin Creek	IT	5	1.5	5	GEN, PFPWS	Greene, Illinois	WWF	No	TAR-012 - Existing Road/Stream Culverted
SIL-JJP-104	25.8R	UNT to Macoupin Creek	P	8	3	0	GEN, PFPWS	Greene, Illinois	WWF	No	TAR-018 - Workspace Only



**Table 2.2-2. Waterbodies Crossed by the Project (Continued)**

Feature ID <sup>1</sup>	MP	Waterbody Name	Flow Regime <sup>2</sup>	Average Bank to Bank (Channel) Width (feet)	Average Water Width (feet)	Pipeline or Access Road Crossing Length (feet) <sup>3</sup>	State Water Quality Classification <sup>4, 5</sup>	County, State	Fishery Type <sup>6</sup>	Impaired Designated Use (Identified Pollutant) <sup>7</sup>	Crossing Method <sup>8</sup>
<b>Access Roads (Continued)</b>											
SIL-JJP-103	26.1	UNT to Macoupin Creek	IT	4	0.5	4	GEN, PFPWS	Greene, Illinois	WWF	No	TAR-014 - Existing Road/Stream Culverted
SIL-TMA-044	26.1	UNT to Macoupin Creek	IT	7	4	7	GEN, PFPWS	Greene, Illinois	WWF	No	TAR-014 - Existing Road/Stream Culverted
SIL-CDK-029	36.6R	UNT to Otter Creek	IT	5	3	5	GEN, PFPWS	Jersey, Illinois	WWF	No	TAR-015 - Existing Access/Stream Culverted
SMO-JJP-002	46.9R	UNT to Mississippi River	E	5	0.2	0	AQL, WBC - Category B, SCR, LWW, IRR	St. Charles, Missouri	WWF	No	PAR-018 – Workspace Only

Notes:

- <sup>1</sup> Map Designation - the unique code designated to the waterbodies identified during the field surveys. A unique identifier was also assigned to NHD data that was used to supplement field delineations on properties without survey permissions or in areas that are pending studies. Project facilities not listed do not impact streams.
- <sup>2</sup> Flow regime based on USGS topographic mapping and onsite field review. IT - Intermittent; E - Ephemeral; and P - Perennial.
- <sup>3</sup> Crossing width is the bank-to-bank width of stream at the pipeline or access road centerline crossing unless noted otherwise. N/A-Not applicable indicates that these waterbodies are desktop identified and therefore no crossing lengths are currently known.
- <sup>4</sup> Water quality standards are contained in 35 IAC Section 302. Water use designation and site-specific water quality standards are contained in 35 IAC Section 303. General Use Waters (GEN) - Except as otherwise specifically provided, all waters of the State (Illinois) must meet the general use standards of Subpart B of Part 302. The General Use standards will protect the State's (Illinois) water for aquatic life (except as provided in Section 302.213), wildlife, agricultural use, secondary contact use and most industrial uses and ensure the aesthetic quality of the State's (Illinois) aquatic environment. Public and Food Processing Water Supplies (PFPWS) - Except as otherwise specifically provided and in addition to the general use standards of Subpart B, Part 302, waters of the State shall meet the public and food processing water supply standards of Subpart C, Part 302, at any point at which water is withdrawn for treatment and distribution as potable supply for food processing.
- <sup>5</sup> Water quality classifications in Missouri are contained in 10 CSR 20-7.031. Last revised January 29, 2014 (MDNR. 2014. *Water Quality*. Accessed September 2016 from <https://dnr.mo.gov/env/wpp/wqstandards/index.html>). Codes for the designated uses are as follows: IRR - Irrigation, LWW - Livestock & Wildlife Watering, AQL - Protection of Warm Water Aquatic Life and Human Health-Fish Consumption, SCR - Secondary Contact Recreation, DWS - Drinking Water Supply, WBC - Whole Body Contact Recreation, IND - Industrial.



### Table 2.2-2. Waterbodies Crossed by the Project (Continued)

- <sup>6</sup> Initial consultation with the IEPA have indicated that all waters of Illinois are considered general use waters and no waters of the state are designated as cold water fisheries (IEPA. 2016d. *Water Use Designations and Site-Specific Water Quality Standards*. Accessed September 2016 from <ftp://www.ilga.gov/JCAR/AdminCode/035/03500303sections.html>). Water Quality Standards Table C of Missouri 10CSR20.7 lists Waters Designated for Cold-Water Fisheries (MDNR. 2014. *Water Quality*. Accessed September 2016 from <https://dnr.mo.gov/env/wpp/wqstandards/index.html>). Luesse Lake is contained within the Mississippi River valley and was designated by the NWI layer as a L1UBHH - Lacustrine, Limnetic, Unconsolidated Bottom.
- <sup>7</sup> State impaired waters have been defined by the Section 303(d) lists for Illinois (IEPA. 2016c. *Illinois Integrated Water Quality Monitoring and Assessment Report*. Accessed September 2016 from <http://www.epa.illinois.gov/topics/water-quality/watershed-management/tmdls/303d-list/index>) and Missouri (MDNR. 2016d. *Missouri Integrated Water Quality Monitoring and Assessment Report*. Accessed September 2016 from <http://dnr.mo.gov/env/wpp/waterquality/303d/303d.htm>).
- <sup>8</sup> With the exception of those listed as HDD, Spire will assume a dry ditch flume crossing method unless the feature has no discernable flow at the time of construction. Conventional open cut method will be employed, where allowable, if the feature is dry.
- <sup>9</sup> Classified by the MDNR as a Metropolitan No-Discharge Stream, located in Chapter 7 10 CSR 20-7.031 of the Clean Water Commission created by the MDNR. Last revised January 29, 2014 (MDNR. 2014. *Water Quality*. Accessed September 2016 from <https://dnr.mo.gov/env/wpp/wqstandards/index.html>).
- <sup>10</sup> Feature avoided by final facility design as shown in Appendix 1-F.
- <sup>11</sup> Measured using aerial photography (2016).



Table 2.3-1 Wetlands Crossed by the Project

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>24-Inch Pipeline</b>									
<i>Scott County, Illinois</i>									
WIL-JJP-002	1.1	PEM	FD	0	< 0.01	0	< 0.01	0	Workspace Only
WIL-TMA-001	2.2R3	PEM	FD	84	0.09	0	0.14	0	Open Cut
WIL-TMA-002	3.4	PFO	FD	0	< 0.01	0	< 0.01	0	Workspace Only
WIL-JJP-005	3.4	PFO	FD	39	0.04	0	0.07	0.03	Open Cut
<i>Greene County, Illinois</i>									
WIL-JJP-009	4.4	PEM	FD	0	0	0	< 0.01	0	Workspace Only
WIL-JJP-010	5.1	PEM	FD	0	0	0	0.01	0	Workspace Only
WIL-JJP-012A	5.6	PEM	FD	47	0.04	0	0.08	0	Open Cut
WIL-JJP-012	5.6	PFO	FD	4	< 0.01	0	0.03	< 0.01	Open Cut
WIL-TMA-005	5.7	PEM	FD	11	0.02	0	0.02	0	Open Cut
WIL-JJP-015B	10.8	PEM	FD	6	0.03	0	0.03	0	Open Cut
WIL-JJP-015	10.8	PSS	FD	39	0.04	0	0.05	0.01	Open Cut
WIL-JJP-015A	10.8	PEM	FD	22	0.03	0	0.05	0	Open Cut
WIL-JJP-107	13	PEM	FD	0	0.01	0	0.01	0	Workspace Only



Table 2.3-1 Wetlands Crossed by the Project (Continued)

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>24-Inch Pipeline (Continued)</b>									
WIL-JJP-101	13.9	PEM	FD	195	0.22	0.00	0.33	0.00	Open Cut
WIL-JJP-101A	13.9	PFO	FD	42	0.05	0.00	0.07	0.03	Open Cut
WIL-JJP-001	14	PEM	FD	46	0.06	0.00	0.07	0.00	Open Cut
WIL-TMA-006	14.1	PEM	FD	72	0.06	0.00	0.20	0.00	Open Cut
WIL-TMA-007	14.3	PEM	FD	22	0.03	0.00	0.04	0.00	Open Cut
WIL-TMA-008	14.4	PEM	FD	307	0.33	0.00	0.49	0.00	Open Cut
WIL-TMA-007	14.4	PEM	FD	29	0.03	0.00	0.05	0.00	Open Cut
WIL-TMA-009	17.1	PEM	FD	62	0.07	0.00	0.11	0.00	Open Cut
WIL-TMA-017	24.6R	PEM	FD	14	0.02	0.00	0.02	0.00	Open Cut
WIL-JJP-120	24.9R	PEM	FD	41	0.05	0.00	0.08	0.00	Open Cut
WIL-TMA-014	25R	PEM	FD	153	0.18	0.00	0.26	0.00	Open Cut
WIL-JJP-121	25R	PEM	FD	4	0.01	0.00	0.01	0.00	Open Cut
WIL-TMA-021	25.8R	PEM	FD	56	0.07	0.00	0.10	0.00	Open Cut
WIL-TMA-018	26.1	PEM	FD	11	0.01	0.00	0.02	0.00	Open Cut
WIL-JJP-122	26.4	PEM	FD	0	< 0.01	0.00	< 0.01	0.00	Workspace Only
WIL-JJP-123	26.7	PEM	FD	76	0.09	0.00	0.13	0.00	Open Cut
<i>Jersey County, Illinois</i>									
WIL-CDK-010	31.9	PEM	FD	70	0.08	0.00	0.12	0.00	Open Cut
WIL-CDK-007	35.2R	PUB	FD	35	0.08	0.00	0.08	0.00	Open Cut



Table 2.3-1 Wetlands Crossed by the Project (Continued)

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>24-Inch Pipeline (Continued)</b>									
WIL-CDK-008	35.2R	PEM	FD	8	0.01	0.00	0.01	0.00	Open Cut
WIL-JJP-109	35.5R	PEM	FD	0	0.00	0.00	< 0.01	0.00	Workspace Only
WIL-JJP-149	35.5R	PEM	FD	0	< 0.01	0.00	< 0.01	0.00	Workspace Only
WIL-CDK-100	36.2R	PEM	FD	27	0.03	0.00	0.03	0.00	Open Cut
WIL-JJP-151	36.7R	PEM	FD	0	0.01	0.00	0.01	0.00	Workspace Only
WIL-JJP-115	37.2	PEM	FD	28	0.03	0.00	0.05	0.00	Open Cut
WIL-JJP-116	37.2	PEM	FD	9	0.01	0.00	0.03	0.00	Open Cut
WIL-JJP-112	39.1	PEM	FD	0	0.00	0.00	< 0.01	0.00	Workspace Only
WIL-JJP-114	41.2R	PEM	FD	23	0.02	0.00	0.04	0.00	Open Cut
WIL-TMA-028	41.3R	PEM	FD	22	0.01	0.00	0.03	0.00	Open Cut
WIL-DFW-002	43.8R2	PEM	FD	49	0.03	0.00	0.08	0.00	Open Cut
WIL-WJW-003	44.87R3	PUB	FD	20	0.02	0.00	0.02	0.00	Open Cut
WIL-JJP-148	45.0R3	PFO	FD	0	0.00	0.01	0.01	0.00	Open Cut
<i>St. Charles County, Missouri</i>									
NWI-105	45.7	PFO1Ah	NWI	388	0.53	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-JJP-001A	46	PFO	FD	0	0.02	0.00	0.00	0.00	HDD <sup>10</sup>



Table 2.3-1 Wetlands Crossed by the Project (Continued)

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>24-Inch Pipeline (Continued)</b>									
WMO-WJW-001	46.1	PFO	FD	331	0.38	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-JJP-012	49.8R2	PEM	FD	12	0.01	0	0.02	0.00	Open Cut
WMO-JJP-010	50.2	PEM	FD	67	0.07	0.00	0.11	0.00	Open Cut
WMO-JJP-007	53.9R2	PEM	FD	555	0.67	< 0.01	0.8	0.00	Open Cut
WMO-JJP-131	54.5	PEM	FD	0	0.00	0.00	<0.01	0.00	Workspace Only
WMO-TMA-006	54.8R2	PEM	FD	235	0.20	0.12	0.55	0.00	Open Cut
WMO-TMA-005A	55.7R2	PEM	FD	199	0.24	0.00	0.37	0.00	Open Cut
WMO-TMA-005	55.8R2	PUB	FD	378	0.43	0.00	0.61	0.00	Open Cut
WMO-JJP-005	56.8	PEM	FD	62	0.07	0.00	0.11	0.00	Open Cut
WMO-TMA-004	57.2	PEM	FD	39	0.05	0.00	0.07	0.00	Open Cut
WMO-TMA-003A	57.2	PEM	FD	0	0.00	0.09	0.09	0.00	Workspace Only
WMO-TMA-003	57.2	PUB	FD	0	0.00	0.15	0.15	0.00	Workspace Only
WMO-TMA-002	57.4	PEM	FD	0	0.00	0.13	0.13	0.00	Workspace Only
WMO-TMA-001A	57.9	PFO	FD	140	0.16	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-TMA-001	57.9	PEM	FD	37	0.04	0.00	0.00	0.00	HDD <sup>10</sup>





Table 2.3-1 Wetlands Crossed by the Project (Continued)

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>24-Inch Pipeline (Continued)</b>									
<i>St. Louis County, Missouri</i>									
WMO-CDK-005	58.3	PEM	FD	0	0	0.01	0.01	0.00	Workspace Only
WMO-CDK-004	58.4	PEM	FD	62	0.03	0.00	0.04	0.00	Open Cut
WMO-CDK-003	58.4	PEM	FD	0	0.00	0.00	0.02	0.00	Workspace Only
<b>North County Extension</b>									
<i>St. Louis County, Missouri</i>									
WMO-JJP-120	0.4R3	PEM	FD	0.2	< 0.01	0.00	0.01	0.00	Open Cut
WMO-JJP-120	0.4R3	PFO	FD	22	0.03	0.00	0.05	0.02	Open Cut
WMO-JJP-120	0.5R3	PEM	FD	131	0.14	0.00	0.21	0.00	Open Cut
WMO-JJP-120	0.5R3	PFO	FD	96	0.12	0.00	0.17	0.07	Open Cut
WMO-JJP-122	1.1	PEM	FD	0	0.03	0.00	0.03	0.00	Workspace Only
WMO-JJP-123	1.2	PEM	FD	0	0.02	0.00	0.02	0.00	Workspace Only
WMO-JJP-125	1.8R3	PEM	FD	36	0.02	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-JJP-126	2.4R3	PEM	FD	28	0.03	0.02	0.06	0.00	Open Cut
WMO-JJP-119	2.6R3	PEM	FD	156	0.08	0.00	0.15	0.00	Open Cut



**Table 2.3-1 Wetlands Crossed by the Project (Continued)**

Wetland ID <sup>1</sup>	Approximate MP	NWI/Cowardin Classification <sup>2</sup>	Source <sup>3</sup>	Approximate Crossing Length (feet) <sup>4</sup>	Area Affected by Permanent Easement (acres) <sup>5</sup>	Area Affected by ATWS (acres) <sup>6</sup>	Area Affected by Construction (acres) <sup>7</sup>	Area Affected by Operation (acres) <sup>8</sup>	Crossing Method <sup>9</sup>
<b>North County Extension (Continued)</b>									
WMO-DFW-002	3.2	PEM	FD	0	0.02	0.00	0.02	0.00	Workspace Only
NWI-204	3.8	PFO1C	NWI	22	0.02	0.01	0.05	0.01	Open Cut
WMO-JJP-132	4.2	PSS	FD	20	0.03	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-JJP-129	4.4	PUB	FD	73	0.10	0.00	0.00	0.00	HDD <sup>10</sup>
WMO-DFW-007	6R	PEM	FD	28	0.04	0.00	0.05	0.00	Open Cut

Notes:

- <sup>1</sup> Map Designation - the unique code designated to the wetlands identified during the field surveys. A unique identifier was also assigned to National Wetland Inventory (“NWI”) data that was used to supplement field delineations on properties that lack access permission or in areas that are pending delineation data. Facilities not listed (i.e. staging areas, mainline valve sites, and access roads) do not impact wetlands.
- <sup>2</sup> Cowardin classification: PEM - Palustrine Emergent; PFO - Palustrine Forested; PSS - Palustrine Scrub-Shrub; and PUB - Palustrine Unconsolidated Bottom.
- <sup>3</sup> FD - Field Delineation. NWI used where field surveys have not been conducted due to lack of access.
- <sup>4</sup> Length of Crossing is representative of the centerline crossing length. Where the crossing length is zero, the wetland is crossed by construction workspace but not the pipeline.
- <sup>5</sup> Area affected by Permanent Easement is the area of wetlands identified within the 50-foot-wide permanent easement. For example, acreages at HDDs would be visible here but not in the Construction or Operation column where impacts are avoided by the HDD.
- <sup>6</sup> Area affected by ATWS is also included within Area Affected by Construction acreages.
- <sup>7</sup> Area affected by Construction is the total area of wetland within the construction right-of-way.
- <sup>8</sup> Area affected by Operation on PEM and PUB wetlands are 0.0 acres as these wetlands will revert back to the same type following construction. Operational impacts on PSS wetlands in this column are based on a 10-foot-wide operational impact that will be converted to herbaceous wetlands due to pipeline maintenance. Operational impacts on PFO wetlands in this column reflect potential for selective thinning of trees within 15 feet of the pipeline (30-foot-wide operational impact) that have roots that could compromise the integrity of the pipeline coating.
- <sup>9</sup> Timber mats will be utilized at saturated wetlands for equipment crossings within the construction right-of-way and access roads. Pipeline crossings will be open cut or trenchless (HDD). “Workspace Only” designates those wetlands within the construction workspace though not crossed by centerline and will be avoided where possible or matted for equipment crossing.
- <sup>10</sup> Wetland is crossed by the HDD. Spire does not intend to clear vegetation within the permanent right-of-way above the HDD path; therefore impacts to this wetland are not anticipated.



**Table 2.3-2. Summary of Wetlands Affected by Construction and Operations**

Cowardin and NWI Classification <sup>1</sup>	Length of Each Type Crossed (feet) <sup>2</sup>	Area Affected by Permanent Easement (acres) <sup>3</sup>	Area Affected by ATWS (acres) <sup>4</sup>	Area Affected During Construction (acres) <sup>5, 6</sup>	Area Affected During Operation (acres) <sup>6, 7</sup>
<b>24-Inch Pipeline</b>					
PFO	943	1.18	0.01	0.17	0.06
PSS	39	0.04	0.00	0.05	0.01
PEM	2,762	3.08	0.35	4.99	0.00
PUB	433	0.52	0.15	0.85	0.00
<b>Subtotals<sup>8</sup></b>	<b>4,177</b>	<b>4.82</b>	<b>0.51</b>	<b>6.06</b>	<b>0.07</b>
<b>North County Extension</b>					
PFO	140	0.17	0.00	0.27	0.10
PSS	20	0.03	0.00	0.00	0.00
PEM	379	0.37	0.02	0.55	0.00
PUB	73	0.10	0.00	0.00	0.00
<b>Subtotals<sup>8</sup></b>	<b>612</b>	<b>0.67</b>	<b>0.02</b>	<b>0.82</b>	<b>0.10</b>
<b>Totals</b>					
<b>Subtotals PFO</b>	<b>1,083</b>	<b>1.35</b>	<b>0.01</b>	<b>0.44</b>	<b>0.16</b>
<b>Subtotals PSS</b>	<b>59</b>	<b>0.06</b>	<b>0.00</b>	<b>0.05</b>	<b>0.01</b>
<b>Subtotals PEM</b>	<b>3,141</b>	<b>3.45</b>	<b>0.37</b>	<b>5.54</b>	<b>0.00</b>
<b>Subtotals PUB</b>	<b>506</b>	<b>0.62</b>	<b>0.15</b>	<b>0.85</b>	<b>0.00</b>
<b>Totals<sup>8</sup></b>	<b>4,789</b>	<b>5.48</b>	<b>0.53</b>	<b>6.88</b>	<b>0.16</b>

Notes:

- <sup>1</sup> NWI Wetland Type: PFO - Palustrine Forested; PSS - Palustrine Scrub-Shrub; PEM - Palustrine Emergent; and PUB - Palustrine Unconsolidated Bottom. Facilities not listed do not impact wetlands.
- <sup>2</sup> The length of the crossing was calculated from field delineated or NWI polygons, rounded to the nearest foot. These may not equal the sum of this column due to rounding.
- <sup>3</sup> Area affected by Permanent Easement is the area of wetland identified at the 50-foot-wide permanent easement, which includes the permanent easement above the path of the HDD where impacts are avoided.
- <sup>4</sup> Area at ATWS is also included within Area Affected by Construction acreages.
- <sup>5</sup> Area affected by construction is the total area of wetland within the construction right-of-way.
- <sup>6</sup> Excludes wetlands avoided by trenchless crossings (HDDs).
- <sup>7</sup> Area affected by operation on PEM wetlands are zero acres as these wetlands will revert back to the same type following construction. Operational impacts on PSS wetlands in this column are based on a 10-foot-wide operational impact that will be converted to herbaceous wetlands due to pipeline maintenance. Operational impacts on PFO wetlands in this column reflect potential for selective thinning of trees within 15 feet of the pipeline (30-foot-wide operational impact) that have roots that could compromise the integrity of the pipeline coating.
- <sup>8</sup> May not equal the sum of the column due to rounding.