

USACE Wetland Crossing Table

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasd1041e	Wetland	Ashland	0.08	N/A	Pipeyard	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd1040e	Wetland	Ashland	0.08	N/A	Pipeyard	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase013f	Wetland	Ashland	0.28	105.03	Mainline ROW	Trench	PFO	Hardwood Swamp	0.30	0.12	--	--
wase013f	Wetland	Ashland	0.35	229.40	Mainline ROW	Trench	PFO	Hardwood Swamp	0.70	0.27	--	--
wase016e	Wetland	Ashland	0.43	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
was1008s	Wetland	Ashland	0.59	33.77	Mainline ROW	Trench	PSS	Shrub-Carr	0.02	0.02	--	--
wase014e	Wetland	Ashland	0.72	16.43	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wase015e	Wetland	Ashland	0.77	70.76	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.16	--	--	--
wase015e	Wetland	Ashland	0.82	213.05	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.40	--	--	--
was1009e	Wetland	Ashland	0.90	32.97	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
was1009e	Wetland	Ashland	0.94	38.67	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.10	--	--	--
was1010e	Wetland	Ashland	0.98	274.95	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.63	--	--	--
was1010e	Wetland	Ashland	1.04	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
was1010s	Wetland	Ashland	1.05	46.88	Mainline ROW	Trench	PSS	Shrub-Carr	0.14	0.06	--	--
was1010e	Wetland	Ashland	1.06	16.32	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.06	--	--	--
was1010e	Wetland	Ashland	1.06	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was1012e	Wetland	Ashland	1.12	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was1016e	Wetland	Ashland	1.15	18.81	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was1020e	Wetland	Ashland	1.17	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was1024e	Wetland	Ashland	1.23	13.10	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
was1024e	Wetland	Ashland	1.25	11.92	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was1025e	Wetland	Ashland	1.26	14.52	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was1026e	Wetland	Ashland	1.31	32.60	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
was1027e	Wetland	Ashland	1.35	33.68	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
was1029e	Wetland	Ashland	1.47	80.15	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.16	--	--	--
was1029e	Wetland	Ashland	1.51	138.01	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.32	--	--	--
was1029e	Wetland	Ashland	1.59	28.07	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
was1029e	Wetland	Ashland	1.62	30.42	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.06	--	--	--
was1033e	Wetland	Ashland	1.64	38.20	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
was1039e	Wetland	Ashland	1.67	27.75	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
was112s	Wetland	Ashland	1.69	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.04	0.02	--	--
was112e	Wetland	Ashland	1.70	N/A	Mainline ROW	N/A	PEM	Sedge Meadow	0.00	--	--	--
was112e	Wetland	Ashland	1.72	95.56	Mainline ROW	Trench	PEM	Sedge Meadow	0.16	--	--	--
was112e	Wetland	Ashland	1.76	164.63	Mainline ROW	Trench	PEM	Sedge Meadow	0.34	--	--	--
was112s	Wetland	Ashland	1.79	69.79	Mainline ROW	Trench	PSS	Shrub-Carr	0.10	0.06	--	--
was112e	Wetland	Ashland	1.80	432.70	Mainline ROW	Trench	PEM	Sedge Meadow	1.27	--	--	--
was112e	Wetland	Ashland	1.88	63.76	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.11	--	--	--
was112e	Wetland	Ashland	1.92	51.53	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.15	--	--	--
was1035e	Wetland	Ashland	1.95	43.27	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
was1037e	Wetland	Ashland	1.98	33.37	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
was1036e	Wetland	Ashland	1.99	N/A	Mainline ROW	N/A	PEM	Sedge Meadow	0.07	--	--	--
was112e	Wetland	Ashland	2.01	38.58	Mainline ROW	Trench	PEM	Sedge Meadow	0.09	--	--	--
was110e	Wetland	Ashland	2.03	41.94	Mainline ROW	Trench	PEM	Sedge Meadow	0.06	--	--	--
was106e	Wetland	Ashland	2.09	7.89	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
was106e	Wetland	Ashland	2.12	48.30	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.12	--	--	--
was106e	Wetland	Ashland	2.16	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.07	--	--	--
was104f	Wetland	Ashland	2.21	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.10	0.00	--	--
wasb059f	Wetland	Ashland	2.24	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.03	0.01	--	--
wasb059f	Wetland	Ashland	2.25	13.09	Mainline ROW	Trench	PFO	Hardwood Swamp	0.12	0.04	--	--
wasb058e	Wetland	Ashland	2.29	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wasb056e	Wetland	Ashland	2.32	13.23	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.09	--	--	--
wasb055e	Wetland	Ashland	2.34	6.11	Mainline ROW	Trench	PEM	Sedge Meadow	0.02	--	--	--
was103e	Wetland	Ashland	2.39	100.25	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.16	--	--	--
was103e	Wetland	Ashland	2.43	43.67	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^e	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
was103s	Wetland	Ashland	2.44	205.64	Mainline ROW	Trench	PSS	Shrub-Carr	0.45	0.24	--	--
was103e	Wetland	Ashland	2.47	10.11	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was103s	Wetland	Ashland	2.48	82.93	Mainline ROW	Trench	PSS	Shrub-Carr	0.11	0.07	--	--
was103e	Wetland	Ashland	2.48	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was103s	Wetland	Ashland	2.50	12.99	Mainline ROW	Trench	PSS	Shrub-Carr	0.07	0.03	--	--
was100e	Wetland	Ashland	2.50	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
was103e	Wetland	Ashland	2.51	117.23	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.27	--	--	--
was1041e	Wetland	Ashland	2.54	13.16	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was1042e	Wetland	Ashland	2.54	19.78	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was039e	Wetland	Ashland	2.54	26.24	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.06	--	--	--
was040e	Wetland	Ashland	2.56	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
was1043e	Wetland	Ashland	2.58	37.43	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
was040e	Wetland	Ashland	2.60	26.16	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
was1044e	Wetland	Ashland	2.60	29.97	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
was042e	Wetland	Ashland	2.63	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was1045e	Wetland	Ashland	2.64	33.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
was1046e	Wetland	Ashland	2.65	70.79	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
was044e	Wetland	Ashland	2.68	115.62	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.36	--	--	--
was045e	Wetland	Ashland	2.72	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was045e	Wetland	Ashland	2.77	393.22	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.97	--	--	--
wasb027f	Wetland	Ashland	2.84	150.55	Mainline ROW	Trench	PFO	Hardwood Swamp	0.30	0.14	--	--
wasb027f	Wetland	Ashland	2.88	70.91	Mainline ROW	Trench	PFO	Hardwood Swamp	0.18	0.08	--	--
wasm002e	Wetland	Ashland	3.06	56.49	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.12	--	--	--
wasm002f	Wetland	Ashland	3.08	204.90	Mainline ROW	HDD	PFO	Hardwood Swamp	0.38	0.18	--	--
wasm002e	Wetland	Ashland	3.12	N/A	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.09	--	--	--
wasm002f	Wetland	Ashland	3.13	N/A	Mainline ROW	HDD	PFO	Hardwood Swamp	0.00	--	--	--
wasm002f	Wetland	Ashland	3.15	23.83	Mainline ROW	HDD	PFO	Hardwood Swamp	0.07	0.03	--	--
wasm002f	Wetland	Ashland	3.19	226.74	Mainline ROW	HDD	PFO	Hardwood Swamp	0.49	0.25	--	--
wasm002f	Wetland	Ashland	3.28	305.50	Mainline ROW	HDD	PFO	Hardwood Swamp	0.58	0.31	--	--
wasm002e	Wetland	Ashland	3.31	N/A	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasm002f	Wetland	Ashland	3.33	N/A	Mainline ROW	HDD	PFO	Hardwood Swamp	0.02	--	--	--
wasm002f	Wetland	Ashland	3.34	46.99	Mainline ROW	HDD	PFO	Hardwood Swamp	0.13	0.05	--	--
wasm002f	Wetland	Ashland	3.38	519.22	Mainline ROW	HDD	PFO	Hardwood Swamp	1.09	0.57	--	--
wasm002f	Wetland	Ashland	3.44	N/A	Mainline ROW	HDD	PFO	Hardwood Swamp	0.00	--	--	--
wasm002f	Wetland	Ashland	3.48	100.77	Mainline ROW	HDD	PFO	Hardwood Swamp	0.29	0.11	--	--
wasm002f	Wetland	Ashland	3.53	182.81	Mainline ROW	HDD	PFO	Hardwood Swamp	0.50	0.21	--	--
wasm002f	Wetland	Ashland	3.56	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.15	--	--	--
wasm002f	Wetland	Ashland	3.62	111.11	Mainline ROW	HDD	PFO	Hardwood Swamp	0.22	0.10	--	--
wasm002f	Wetland	Ashland	3.67	461.51	Mainline ROW	HDD	PFO	Hardwood Swamp	0.32	0.32	--	--
wasm001f	Wetland	Ashland	3.76	21.06	Mainline ROW	HDD	PFO	Hardwood Swamp	0.01	0.01	--	--
was1054f	Wetland	Ashland	4.08	536.28	Mainline ROW	HDD	PFO	Floodplain Forest	0.37	0.37	--	--
was1054f	Wetland	Ashland	4.16	27.45	Mainline ROW	HDD	PFO	Floodplain Forest	0.02	0.02	--	--
wasd021f	Wetland	Ashland	4.35	60.60	Mainline ROW	HDD	PFO	Hardwood Swamp	0.04	0.04	--	--
wasd021f	Wetland	Ashland	4.39	314.01	Mainline ROW	HDD	PFO	Hardwood Swamp	0.55	0.24	--	--
wasd021s	Wetland	Ashland	4.46	20.70	Mainline ROW	HDD	PSS	Alder Thicket	0.07	0.03	--	--
was1061f	Wetland	Ashland	4.50	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.07	--	--	--
wase080f	Wetland	Ashland	4.52	133.38	Mainline ROW	Trench	PFO	Hardwood Swamp	0.26	0.14	--	--
wase080f	Wetland	Ashland	4.56	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase081f	Wetland	Ashland	4.57	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wase080e	Wetland	Ashland	4.59	40.74	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.19	--	--	--
wase080s	Wetland	Ashland	4.59	15.31	Mainline ROW	Trench	PSS	Alder Thicket	0.09	0.03	--	--
was1064e	Wetland	Ashland	4.65	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase080e	Wetland	Ashland	4.67	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
was1067e	Wetland	Ashland	4.71	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasd019e	Wetland	Ashland	4.73	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasd019e	Wetland	Ashland	4.73	43.04	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.12	--	--	--
wasd1046e	Wetland	Ashland	4.75	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--

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wasal068e	Wetland	Ashland	4.77	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasal069e	Wetland	Ashland	4.84	14.15	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasal069e	Wetland	Ashland	4.86	11.13	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasal069e	Wetland	Ashland	4.86	29.08	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.12	--	--	--
wasal069e	Wetland	Ashland	4.87	93.89	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasal069e	Wetland	Ashland	4.87	N/A	Water Line	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasc001e	Wetland	Ashland	5.51	9.00	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc002e	Wetland	Ashland	5.55	35.96	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasc057e	Wetland	Ashland	5.82	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc059e	Wetland	Ashland	5.86	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc060f	Wetland	Ashland	5.88	30.76	Mainline ROW	Trench	PFO	Hardwood Swamp	0.05	0.03	--	--
wasc061e	Wetland	Ashland	5.91	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc062f	Wetland	Ashland	5.97	26.72	Mainline ROW	Trench	PFO	Hardwood Swamp	0.15	0.06	--	--
wasc063s	Wetland	Ashland	6.01	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.03	0.01	--	--
wase073f	Wetland	Ashland	6.42	64.79	Mainline ROW	HDD	PFO	Hardwood Swamp	0.04	0.04	--	--
wase073f	Wetland	Ashland	6.46	19.21	Mainline ROW	HDD	PFO	Hardwood Swamp	0.02	0.02	--	--
wase074f	Wetland	Ashland	6.49	45.01	Mainline ROW	HDD	PFO	Hardwood Swamp	0.03	0.03	--	--
wasal130e	Wetland	Ashland	6.57	4.91	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc077f	Wetland	Ashland	6.59	97.13	Mainline ROW	Trench	PFO	Hardwood Swamp	0.17	0.11	--	--
wasc078f	Wetland	Ashland	6.68	50.39	Mainline ROW	Trench	PFO	Hardwood Swamp	0.18	0.08	--	--
wasc079f	Wetland	Ashland	6.71	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasal131e	Wetland	Ashland	6.93	8.87	Access Road	N/A	PEM	Seasonally Flooded Basin	0.00	--	--	--
wasal131e	Wetland	Ashland	6.93	59.66	Access Road	N/A	PEM	Seasonally Flooded Basin	0.01	--	--	--
wase1002e	Wetland	Ashland	6.94	11.63	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1001e	Wetland	Ashland	6.95	10.63	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasal132e	Wetland	Ashland	7.30	117.37	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.26	--	--	--
wasd015f	Wetland	Ashland	7.38	66.22	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.06	--	--
wasd015f	Wetland	Ashland	7.38	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd015f	Wetland	Ashland	7.40	250.68	Mainline ROW	Trench	PFO	Hardwood Swamp	0.51	0.28	--	--
wasd015e	Wetland	Ashland	7.45	32.82	Mainline ROW	Trench	PEM	Seasonally Flooded Basin	0.10	--	--	--
wasd014e	Wetland	Ashland	7.53	N/A	Mainline ROW	N/A	PEM	Seasonally Flooded Basin	0.01	--	--	--
wasd028s	Wetland	Ashland	7.57	226.56	Access Road	N/A	PSS	Shrub-Carr	0.06	--	--	--
wasb002e	Wetland	Ashland	7.57	8.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd029e	Wetland	Ashland	7.57	9.73	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasd028f	Wetland	Ashland	7.59	27.38	Mainline ROW	Trench	PFO	Hardwood Swamp	0.04	0.03	--	--
wasd028e	Wetland	Ashland	7.63	355.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.13	--	--	--
wasd028e	Wetland	Ashland	7.64	9.10	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd028s	Wetland	Ashland	7.64	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.01	--	--	--
wasd028f	Wetland	Ashland	7.65	604.98	Mainline ROW	Trench	PFO	Hardwood Swamp	1.27	0.68	--	--
wasd028e	Wetland	Ashland	7.65	279.57	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.17	--	--	--
wasd028s	Wetland	Ashland	7.66	113.06	Access Road	N/A	PSS	Shrub-Carr	0.07	--	--	--
wasd028f	Wetland	Ashland	7.66	42.13	Access Road	N/A	PFO	Hardwood Swamp	0.04	--	--	--
wasd028s	Wetland	Ashland	7.71	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasd028s	Wetland	Ashland	7.73	83.53	Mainline ROW	Trench	PSS	Shrub-Carr	0.18	0.09	--	--
wasd028e	Wetland	Ashland	7.74	142.43	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.29	--	--	--
wasd028e	Wetland	Ashland	7.77	22.45	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasd028f	Wetland	Ashland	7.78	193.28	Mainline ROW	Trench	PFO	Hardwood Swamp	0.46	0.24	--	--
wasd028e	Wetland	Ashland	7.80	881.82	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	1.63	--	--	--
wasd028e	Wetland	Ashland	7.99	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasd028f	Wetland	Ashland	8.00	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd030f	Wetland	Ashland	8.01	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd031e	Wetland	Ashland	8.06	115.32	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.26	--	--	--
wasd031e	Wetland	Ashland	8.07	332.21	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.08	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^e	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wase1006e	Wetland	Ashland	8.28	18.44	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wase1005e	Wetland	Ashland	8.33	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1004e	Wetland	Ashland	8.34	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wase1003e	Wetland	Ashland	8.36	25.14	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasc014e	Wetland	Ashland	8.54	8.35	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc015e	Wetland	Ashland	8.54	1.13	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasal115e	Wetland	Ashland	9.36	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasal115e	Wetland	Ashland	9.36	21.44	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasal114e	Wetland	Ashland	9.36	17.56	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasal115e	Wetland	Ashland	9.37	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasal115e	Wetland	Ashland	9.37	20.52	Permanent Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	0.01	409.61
wasal115e	Wetland	Ashland	9.37	17.92	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1008e	Wetland	Ashland	9.37	9.71	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wase1012s	Wetland	Ashland	9.83	19.49	Mainline ROW	Trench	PSS	Shrub-Carr	0.05	0.03	--	--
wase1012f	Wetland	Ashland	9.87	136.77	Mainline ROW	Trench	PFO	Hardwood Swamp	0.28	0.13	--	--
wase1012f	Wetland	Ashland	9.90	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase1012f	Wetland	Ashland	9.92	187.34	Mainline ROW	Trench	PFO	Hardwood Swamp	0.41	0.21	--	--
wase1012f	Wetland	Ashland	9.97	22.43	Mainline ROW	Trench	PFO	Hardwood Swamp	0.04	0.03	--	--
wase1046f	Wetland	Ashland	9.99	48.40	Mainline ROW	Trench	PFO	Hardwood Swamp	0.07	0.04	--	--
wase1013f	Wetland	Ashland	10.03	36.90	Mainline ROW	Trench	PFO	Hardwood Swamp	0.14	0.07	--	--
wase1013s	Wetland	Ashland	10.04	202.14	Mainline ROW	Trench	PSS	Shrub-Carr	1.05	0.24	--	--
wase1013f	Wetland	Ashland	10.06	16.45	Mainline ROW	Trench	PFO	Hardwood Swamp	0.04	0.02	--	--
wase1013f	Wetland	Ashland	10.09	310.61	Mainline ROW	Trench	PFO	Hardwood Swamp	0.64	0.35	--	--
wase1013f	Wetland	Ashland	10.14	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase1013f	Wetland	Ashland	10.18	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase1013f	Wetland	Ashland	10.20	53.37	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.07	--	--
wase1013s	Wetland	Ashland	10.27	26.04	Mainline ROW	Trench	PSS	Shrub-Carr	0.09	0.04	--	--
wase1013e	Wetland	Ashland	10.28	31.44	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wase1016f	Wetland	Ashland	10.57	145.69	Mainline ROW	Trench	PFO	Hardwood Swamp	0.47	0.17	--	--
wase1016f	Wetland	Ashland	10.66	981.12	Mainline ROW	Trench	PFO	Hardwood Swamp	1.98	1.11	--	--
wase1020f	Wetland	Ashland	10.88	36.31	Mainline ROW	Trench	PFO	Hardwood Swamp	0.06	0.03	--	--
wase1021e	Wetland	Ashland	10.90	73.65	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.18	--	--	--
wase1021e	Wetland	Ashland	10.96	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1021f	Wetland	Ashland	10.96	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase1021s	Wetland	Ashland	10.96	16.18	Mainline ROW	Trench	PSS	Shrub-Carr	0.03	0.02	--	--
wase1021f	Wetland	Ashland	10.98	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase1021s	Wetland	Ashland	10.99	183.46	Mainline ROW	Trench	PSS	Shrub-Carr	0.37	0.22	--	--
wase1021f	Wetland	Ashland	11.00	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase1021e	Wetland	Ashland	11.01	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wase1055e	Wetland	Ashland	11.09	29.39	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1055e	Wetland	Ashland	11.09	16.56	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1055e	Wetland	Ashland	11.09	158.12	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wase1042e	Wetland	Ashland	11.13	18.27	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1023e	Wetland	Ashland	11.13	19.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1055f	Wetland	Ashland	11.17	48.79	Mainline ROW	Direct Bore	PFO	Floodplain Forest	0.03	0.03	--	--
wase1055f	Wetland	Ashland	11.19	313.50	Mainline ROW	Direct Bore	PFO	Floodplain Forest	0.22	0.22	--	--
wase1044e	Wetland	Ashland	12.43	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1045e	Wetland	Ashland	12.51	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wase1045e	Wetland	Ashland	12.53	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1045e	Wetland	Ashland	12.56	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wase1050e	Wetland	Ashland	12.58	30.86	Mainline ROW	Trench	PEM	Sedge Meadow	0.09	--	--	--
wase1052e	Wetland	Ashland	12.60	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1053e	Wetland	Ashland	12.61	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1053e	Wetland	Ashland	12.62	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1049s	Wetland	Ashland	12.67	379.97	Mainline ROW	Trench	PSS	Shrub-Carr	0.66	0.40	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wase1051e	Wetland	Ashland	12.83	12.25	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd1050f	Wetland	Ashland	13.61	N/A	Mainline ROW	N/A	PFO	Floodplain Forest	0.07	--	--	--
wasd1050f	Wetland	Ashland	13.62	N/A	Mainline ROW	N/A	PFO	Floodplain Forest	0.10	--	--	--
wase1054s	Wetland	Ashland	13.64	16.98	Mainline ROW	Trench	PSS	Shrub-Carr	0.03	0.02	--	--
wase1060e	Wetland	Ashland	13.65	15.37	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wase1060f	Wetland	Ashland	13.66	290.71	Mainline ROW	Trench	PFO	Hardwood Swamp	1.83	0.34	--	--
wase1059f	Wetland	Ashland	13.66	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.21	--	--	--
wase1060f	Wetland	Ashland	13.77	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.10	--	--	--
wase1060f	Wetland	Ashland	13.78	11.05	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.01	--	--
wasc1054e	Wetland	Ashland	13.78	7.49	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc1053e	Wetland	Ashland	13.84	16.94	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.13	--	--	--
wasc1052s	Wetland	Ashland	13.91	48.99	Mainline ROW	HDD	PSS	Shrub-Carr	0.03	0.03	--	--
wasc1057e	Wetland	Ashland	13.92	99.28	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was1005s	Wetland	Ashland	14.11	35.33	Mainline ROW	HDD	PSS	Shrub-Carr	0.03	0.03	--	--
was1004f	Wetland	Ashland	14.14	315.47	Access Road	N/A	PFO	Floodplain Forest	0.10	--	--	--
was1006f	Wetland	Ashland	14.17	40.63	Mainline ROW	HDD	PFO	Hardwood Swamp	0.03	0.03	--	--
was1006f	Wetland	Ashland	14.19	534.86	Mainline ROW	HDD	PFO	Hardwood Swamp	0.37	0.37	--	--
wasc1030e	Wetland	Ashland	14.34	32.68	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasc1028e	Wetland	Ashland	14.35	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1028e	Wetland	Ashland	14.36	4.17	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1028e	Wetland	Ashland	14.40	6.89	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasc1026e	Wetland	Ashland	14.50	11.35	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1025s	Wetland	Ashland	14.52	14.08	Mainline ROW	Trench	PSS	Shrub-Carr	0.04	0.02	--	--
wasc1024e	Wetland	Ashland	14.62	8.31	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc1031e	Wetland	Ashland	14.63	10.30	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc1032e	Wetland	Ashland	14.67	34.24	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1032e	Wetland	Ashland	14.68	121.03	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasc1033s	Wetland	Ashland	14.72	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.01	--	--	--
wasc1033e	Wetland	Ashland	14.72	15.92	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasc1033e	Wetland	Ashland	14.73	6.78	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1033s	Wetland	Ashland	14.73	55.44	Mainline ROW	Trench	PSS	Shrub-Carr	0.11	0.07	--	--
was1072f	Wetland	Ashland	14.96	3.05	Mainline ROW	Trench	PFO	Hardwood Swamp	0.01	0.01	--	--
was1072f	Wetland	Ashland	14.96	16.29	Mainline ROW	Trench	PFO	Hardwood Swamp	0.02	0.02	--	--
wasc1036s	Wetland	Ashland	15.25	8.05	Mainline ROW	HDD	PSS	Shrub-Carr	0.01	0.01	--	--
wasc1036s	Wetland	Ashland	15.28	46.55	Mainline ROW	HDD	PSS	Shrub-Carr	0.03	0.03	--	--
wasc1036s	Wetland	Ashland	15.28	39.91	Mainline ROW	HDD	PSS	Shrub-Carr	0.03	0.03	--	--
wasc1035e	Wetland	Ashland	15.35	8.26	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1034e	Wetland	Ashland	15.41	4.92	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1015e	Wetland	Ashland	15.41	5.89	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1016e	Wetland	Ashland	15.48	15.89	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasc1017e	Wetland	Ashland	15.58	28.84	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wasc1017e	Wetland	Ashland	15.64	13.18	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasc1017e	Wetland	Ashland	15.65	49.02	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.14	--	--	--
wasc1018e	Wetland	Ashland	15.71	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasc1021e	Wetland	Ashland	15.79	67.64	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.09	--	--	--
wasc1014f	Wetland	Ashland	15.85	23.94	Mainline ROW	Trench	PFO	Floodplain Forest	0.04	0.02	--	--
wasc1014f	Wetland	Ashland	15.86	77.33	Mainline ROW	Trench	PFO	Floodplain Forest	0.17	0.10	--	--
wasc1012e	Wetland	Ashland	15.92	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1013e	Wetland	Ashland	15.92	13.49	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasc1011s	Wetland	Ashland	15.99	35.02	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasc1011e	Wetland	Ashland	15.99	65.65	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1011s	Wetland	Ashland	15.99	19.90	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasc1010e	Wetland	Ashland	15.99	80.41	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1010e	Wetland	Ashland	16.00	34.61	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.18	--	--	--
wasc1010s	Wetland	Ashland	16.01	47.87	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasc1010s	Wetland	Ashland	16.01	31.08	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasc1007e	Wetland	Ashland	16.03	163.38	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^e	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasc1008e	Wetland	Ashland	16.03	5.72	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1010s	Wetland	Ashland	16.05	43.50	Mainline ROW	Trench	PSS	Shrub-Carr	0.11	0.05	--	--
wasc1010e	Wetland	Ashland	16.09	26.62	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wasc1010e	Wetland	Ashland	16.10	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1010e	Wetland	Ashland	16.10	15.71	Permanent Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	0.00	172.57
wasc1010s	Wetland	Ashland	16.10	13.82	Permanent Access Road	N/A	PSS	Shrub-Carr	0.00	--	0.00	44.90
wasc1010s	Wetland	Ashland	16.10	211.13	Mainline ROW	Trench	PSS	Shrub-Carr	0.79	0.24	--	--
wasc1010e	Wetland	Ashland	16.10	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1010s	Wetland	Ashland	16.10	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.01	--	--	--
wasc1010e	Wetland	Ashland	16.13	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1010e	Wetland	Ashland	16.14	30.47	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasc1047e	Wetland	Ashland	16.17	19.52	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasc1006e	Wetland	Ashland	16.20	18.27	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasc1005e	Wetland	Ashland	16.33	10.21	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasc1002e	Wetland	Ashland	16.37	24.40	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasc1002e	Wetland	Ashland	16.40	10.69	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc1038e	Wetland	Ashland	16.40	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1037e	Wetland	Ashland	16.40	8.78	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc1039e	Wetland	Ashland	16.44	37.28	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasc1041f	Wetland	Ashland	16.57	137.89	Mainline ROW	HDD	PFO	Floodplain Forest	0.09	0.09	--	--
wasc1041f	Wetland	Ashland	16.59	384.99	Mainline ROW	HDD	PFO	Floodplain Forest	0.27	0.27	--	--
wasc1046e	Wetland	Ashland	16.74	7.30	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1045f	Wetland	Ashland	16.77	N/A	Mainline ROW	N/A	PFO	Floodplain Forest	0.00	0.00	--	--
wasc1045f	Wetland	Ashland	16.77	N/A	Mainline ROW	N/A	PFO	Floodplain Forest	0.00	0.00	--	--
wasc1045f	Wetland	Ashland	16.77	30.13	Mainline ROW	HDD	PFO	Floodplain Forest	0.01	0.01	--	--
wasc1045e	Wetland	Ashland	16.77	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasc1045e	Wetland	Ashland	16.78	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasc1044s	Wetland	Ashland	16.81	58.57	Mainline ROW	HDD	PSS	Shrub-Carr	0.04	0.04	--	--
wasc1042e	Wetland	Ashland	16.90	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc1043e	Wetland	Ashland	16.90	5.85	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc034e	Wetland	Ashland	16.93	8.91	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.11	--	--	--
wasc034e	Wetland	Ashland	16.94	14.11	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasb1001e	Wetland	Ashland	17.01	9.73	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasb1002e	Wetland	Ashland	17.04	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc032e	Wetland	Ashland	17.08	60.74	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.16	--	--	--
wasc032e	Wetland	Ashland	17.09	8.13	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc032e	Wetland	Ashland	17.12	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc032e	Wetland	Ashland	17.12	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasb1004f	Wetland	Ashland	17.23	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.06	--	--	--
wasb1008e	Wetland	Ashland	17.25	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.27	--	--	--
wasb1009s	Wetland	Ashland	17.28	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.07	--	--	--
wasw034f	Wetland	Ashland	17.69	139.78	Mainline ROW	Trench	PFO	Hardwood Swamp	0.41	0.16	--	--
wase001e	Wetland	Ashland	18.51	18.67	Mainline ROW	Trench	PEM	Open Bog	0.10	--	--	--
wasb1012e	Wetland	Ashland	18.74	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasd1024e	Wetland	Ashland	18.85	21.73	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasd1024f1	Wetland	Ashland	18.85	39.29	Mainline ROW	HDD	PFO	Hardwood Swamp	0.03	0.03	--	--
wasd1024e	Wetland	Ashland	18.86	73.34	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasd1024f2	Wetland	Ashland	18.88	573.90	Mainline ROW	HDD	PFO	Coniferous Bog	0.40	0.40	--	--
wasd1024s	Wetland	Ashland	18.99	86.73	Mainline ROW	HDD	PSS	Open Bog	0.06	0.06	--	--
wasd1025f	Wetland	Ashland	19.07	31.58	Mainline ROW	HDD	PFO	Hardwood Swamp	0.02	0.02	--	--
wasd1026f	Wetland	Ashland	19.09	21.56	Mainline ROW	HDD	PFO	Floodplain Forest	0.02	0.02	--	--
wasd1026f	Wetland	Ashland	19.14	44.27	Mainline ROW	HDD	PFO	Floodplain Forest	0.03	0.03	--	--
wasd1028f	Wetland	Ashland	19.20	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	0.00	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^e	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasd1028f	Wetland	Ashland	19.22	107.65	Mainline ROW	HDD	PFO	Hardwood Swamp	0.08	0.08	--	--
wase1024e	Wetland	Ashland	19.43	0.10	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1024e	Wetland	Ashland	19.44	22.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1024e	Wetland	Ashland	19.44	49.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1024e	Wetland	Ashland	19.45	54.88	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasd1030s	Wetland	Ashland	19.50	127.91	Mainline ROW	HDD	PSS	Shrub-Carr	0.32	0.14	--	--
wasd1032e	Wetland	Ashland	19.73	N/A	Mainline ROW	N/A	PEM	Shallow Marsh	0.09	--	--	--
wasal39s	Wetland	Ashland	19.78	118.35	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasd1035s	Wetland	Ashland	19.78	N/A	Mainline ROW	N/A	PSS	Alder Thicket	0.00	--	--	--
wasd1035s	Wetland	Ashland	19.78	N/A	Mainline ROW	N/A	PSS	Alder Thicket	0.07	--	--	--
wasd1035s	Wetland	Ashland	19.78	N/A	Mainline ROW	N/A	PSS	Alder Thicket	0.25	--	--	--
wasal40s	Wetland	Ashland	19.78	184.34	Access Road	N/A	PSS	Alder Thicket	0.04	--	--	--
wasal38f	Wetland	Ashland	19.78	12.66	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasal38f	Wetland	Ashland	19.78	8.61	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasal39f	Wetland	Ashland	19.79	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasal39f	Wetland	Ashland	19.79	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.44	--	--	--
wasal39e	Wetland	Ashland	19.79	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.14	--	--	--
wasd1033f	Wetland	Ashland	19.82	18.88	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.02	--	--
wasd1033f	Wetland	Ashland	19.83	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd1033s	Wetland	Ashland	19.83	35.99	Mainline ROW	Trench	PSS	Alder Thicket	0.07	0.04	--	--
wasd1034f	Wetland	Ashland	19.84	56.40	Mainline ROW	Trench	PFO	Hardwood Swamp	0.10	0.07	--	--
wase1026e	Wetland	Ashland	19.90	79.42	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1026e	Wetland	Ashland	19.90	46.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase1028f	Wetland	Ashland	19.97	3.55	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase1030e	Wetland	Ashland	19.98	214.34	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.10	--	--	--
wase1031f	Wetland	Ashland	20.02	35.31	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasal39e	Wetland	Ashland	20.10	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasal39e	Wetland	Ashland	20.11	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase1034f	Wetland	Ashland	20.20	116.06	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase1034e	Wetland	Ashland	20.20	177.32	Access Road	N/A	PEM	Sedge Meadow	0.08	--	--	--
wase1034f	Wetland	Ashland	20.20	42.07	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase1034f	Wetland	Ashland	20.21	47.97	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase1035f	Wetland	Ashland	20.22	23.49	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase006f	Wetland	Ashland	20.30	14.56	Mainline ROW	Trench	PFO	Hardwood Swamp	0.07	0.03	--	--
wase010f	Wetland	Ashland	20.68	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase012e	Wetland	Ashland	20.75	51.67	Access Road	N/A	PEM	Sedge Meadow	0.01	--	--	--
wasv010e	Wetland	Ashland	20.82	118.87	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasv009e	Wetland	Ashland	20.82	19.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv013f	Wetland	Ashland	20.84	3.63	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.02	--	--
wasv008e	Wetland	Ashland	20.84	52.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv007e	Wetland	Ashland	20.84	46.92	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv007e	Wetland	Ashland	20.85	0.10	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv006e1	Wetland	Ashland	20.85	56.61	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv007e	Wetland	Ashland	20.85	57.18	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv006e2	Wetland	Ashland	20.85	123.00	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv003f	Wetland	Ashland	20.86	56.41	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasv004e	Wetland	Ashland	20.86	62.83	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv003e	Wetland	Ashland	20.86	140.90	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv005e	Wetland	Ashland	20.86	33.64	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv011f	Wetland	Ashland	20.88	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.09	--	--	--
wasv014f	Wetland	Ashland	20.92	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv014f	Wetland	Ashland	20.95	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasv016f1	Wetland	Ashland	20.96	1.94	Mainline ROW	Trench	PFO	Hardwood Swamp	0.01	0.01	--	--
wasv016f2	Wetland	Ashland	20.97	9.38	Mainline ROW	Trench	PFO	Hardwood Swamp	0.00	0.00	--	--
wasv016e	Wetland	Ashland	20.98	91.35	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.10	--	--	--
wasv017e	Wetland	Ashland	21.03	136.84	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.25	--	--	--
wasv017e	Wetland	Ashland	21.09	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasv001f2	Wetland	Ashland	21.10	20.25	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv001e	Wetland	Ashland	21.10	10.81	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv001f1	Wetland	Ashland	21.10	9.01	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv002e	Wetland	Ashland	21.10	122.96	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv017e	Wetland	Ashland	21.12	80.10	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.27	--	--	--
wasv020e	Wetland	Ashland	21.18	8.09	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv019e2	Wetland	Ashland	21.25	217.01	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.39	--	--	--
wasv019f2	Wetland	Ashland	21.27	83.65	Mainline ROW	Trench	PFO	Coniferous Swamp	0.16	0.09	--	--
wasv019f1	Wetland	Ashland	21.29	278.16	Mainline ROW	Trench	PFO	Coniferous Swamp	0.58	0.32	--	--
wasv019e1	Wetland	Ashland	21.35	112.04	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.19	--	--	--
wasv022e	Wetland	Ashland	21.42	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv022e	Wetland	Ashland	21.47	266.99	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.52	--	--	--
wasv022e	Wetland	Ashland	21.57	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasv023e1	Wetland	Ashland	21.69	36.56	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasv023e3	Wetland	Ashland	21.70	4.33	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv025e	Wetland	Ashland	21.86	85.76	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv024e1	Wetland	Ashland	21.86	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv026s	Wetland	Ashland	21.86	24.76	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasv024s	Wetland	Ashland	21.87	131.71	Mainline ROW	Trench	PSS	Shrub-Carr	0.20	0.13	--	--
wasv024e2	Wetland	Ashland	21.88	28.28	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasv064e	Wetland	Ashland	21.91	8.42	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv065e	Wetland	Ashland	21.91	0.10	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv062f1	Wetland	Ashland	22.01	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv062f5	Wetland	Ashland	22.02	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.03	0.02	--	--
wasv062f3	Wetland	Ashland	22.02	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv062f4	Wetland	Ashland	22.02	71.99	Mainline ROW	Trench	PFO	Hardwood Swamp	0.06	0.05	--	--
wasv062e	Wetland	Ashland	22.07	44.98	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv063e	Wetland	Ashland	22.07	9.56	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv062f2	Wetland	Ashland	22.08	19.44	Mainline ROW	Trench	PFO	Hardwood Swamp	0.12	0.06	--	--
wasv061f	Wetland	Ashland	22.19	171.01	Mainline ROW	HDD	PFO	Hardwood Swamp	0.12	0.12	--	--
wasv059f1	Wetland	Ashland	22.25	26.78	Mainline ROW	HDD	PFO	Hardwood Swamp	0.02	0.02	--	--
wasc070e	Wetland	Ashland	22.58	41.11	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc070e	Wetland	Ashland	22.59	26.16	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasc069s	Wetland	Ashland	22.63	73.31	Mainline ROW	HDD	PSS	Alder Thicket	0.14	0.08	--	--
wasc071f	Wetland	Ashland	22.70	408.33	Mainline ROW	HDD	PFO	Hardwood Swamp	0.92	0.48	--	--
wasc072f	Wetland	Ashland	22.90	39.36	Mainline ROW	Trench	PFO	Hardwood Swamp	0.09	0.05	--	--
wasc074e	Wetland	Ashland	22.90	3.16	Access Road	N/A	PEM	Sedge Meadow	0.00	--	--	--
wasc074e	Wetland	Ashland	22.90	97.73	Access Road	N/A	PEM	Sedge Meadow	0.01	--	--	--
wasc074e	Wetland	Ashland	22.91	37.20	Access Road	N/A	PEM	Sedge Meadow	0.00	--	--	--
wasc076e	Wetland	Ashland	22.95	27.18	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc076e	Wetland	Ashland	22.95	5.50	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc075e	Wetland	Ashland	22.99	5.04	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasb010e	Wetland	Ashland	23.01	29.00	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wasb010f	Wetland	Ashland	23.01	23.79	Mainline ROW	Trench	PFO	Hardwood Swamp	0.04	0.02	--	--
wasb010f	Wetland	Ashland	23.06	28.07	Mainline ROW	Trench	PFO	Hardwood Swamp	0.05	0.02	--	--
wasb010f	Wetland	Ashland	23.09	40.95	Mainline ROW	Trench	PFO	Hardwood Swamp	0.14	0.06	--	--
wasb010f	Wetland	Ashland	23.18	141.12	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.09	--	--
wasb009f	Wetland	Ashland	23.22	233.07	Mainline ROW	Trench	PFO	Hardwood Swamp	0.30	0.22	--	--
wasb011f	Wetland	Ashland	23.35	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasb011f	Wetland	Ashland	23.40	26.03	Mainline ROW	Trench	PFO	Hardwood Swamp	0.04	0.02	--	--
was038f	Wetland	Ashland	23.48	56.91	Mainline ROW	Trench	PFO	Hardwood Swamp	0.16	0.06	--	--
was038f	Wetland	Ashland	23.56	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.04	0.01	--	--
was038f	Wetland	Ashland	23.67	335.87	Mainline ROW	Trench	PFO	Hardwood Swamp	0.76	0.39	--	--
was038f	Wetland	Ashland	23.73	160.80	Mainline ROW	Trench	PFO	Hardwood Swamp	0.36	0.18	--	--
wasd1007e	Wetland	Ashland	23.85	51.80	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd1006e	Wetland	Ashland	23.85	2.62	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
was037f	Wetland	Ashland	23.92	144.73	Mainline ROW	Trench	PFO	Hardwood Swamp	0.19	0.13	--	--

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was037f	Wetland	Ashland	23.93	49.32	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
was037e	Wetland	Ashland	23.95	9.50	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
was037e	Wetland	Ashland	23.96	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasd024e	Wetland	Ashland	23.99	17.13	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasd023e	Wetland	Ashland	24.13	33.63	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd023e	Wetland	Ashland	24.15	199.84	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasb1014f	Wetland	Ashland	24.15	72.00	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasb1014e	Wetland	Ashland	24.16	85.25	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasb015e	Wetland	Ashland	24.17	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd1008f	Wetland	Ashland	24.19	668.55	Mainline ROW	HDD	PFO	Floodplain Forest	0.46	0.46	--	--
wasb005f	Wetland	Ashland	24.34	152.13	Mainline ROW	HDD	PFO	Floodplain Forest	0.11	0.11	--	--
wasb005e	Wetland	Ashland	24.37	116.00	Mainline ROW	HDD	PEM	Sedge Meadow	0.08	--	--	--
wasb003e	Wetland	Ashland	24.43	4.42	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasb003e	Wetland	Ashland	24.43	75.36	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.19	--	--	--
wasb004e	Wetland	Ashland	24.44	124.35	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wasb004s	Wetland	Ashland	24.44	30.74	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wasd025e	Wetland	Ashland	24.96	8.08	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd025e	Wetland	Ashland	24.97	36.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasd026s	Wetland	Ashland	24.97	172.27	Access Road	N/A	PSS	Alder Thicket	0.04	--	--	--
wasd008f	Wetland	Ashland	25.14	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasd008f	Wetland	Ashland	25.34	34.27	Mainline ROW	Trench	PFO	Hardwood Swamp	0.10	0.05	--	--
wasd1013f	Wetland	Ashland	25.41	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasd1010f	Wetland	Ashland	25.49	397.69	Mainline ROW	Trench	PFO	Hardwood Swamp	0.95	0.46	--	--
wasd1010f	Wetland	Ashland	25.58	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasd1009f	Wetland	Ashland	25.72	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase066e	Wetland	Ashland	25.73	1062.79	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.48	--	--	--
wase062e	Wetland	Ashland	25.73	75.57	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wase058f	Wetland	Ashland	25.86	76.36	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase058f	Wetland	Ashland	25.92	47.55	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.06	--	--
wase058f	Wetland	Ashland	25.93	84.02	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase058e	Wetland	Ashland	25.94	855.27	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.51	--	--	--
wase058f	Wetland	Ashland	25.94	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase058f	Wetland	Ashland	25.95	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase059e	Wetland	Ashland	25.98	53.10	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.13	--	--	--
wase057f	Wetland	Ashland	26.06	103.06	Mainline ROW	Trench	PFO	Hardwood Swamp	0.30	0.13	--	--
wase056f	Wetland	Ashland	26.12	7.19	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase056e	Wetland	Ashland	26.14	247.10	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.14	--	--	--
wase054e	Wetland	Ashland	26.18	21.34	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wase054s	Wetland	Ashland	26.18	N/A	Mainline ROW	N/A	PSS	Hardwood Swamp	0.03	0.01	--	--
wase052e	Wetland	Ashland	26.23	60.14	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.17	--	--	--
wasv042f	Wetland	Ashland	26.29	40.69	Mainline ROW	Trench	PFO	Hardwood Swamp	0.07	0.05	--	--
wasv039f	Wetland	Ashland	26.42	8.61	Mainline ROW	Trench	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv039f	Wetland	Ashland	26.44	13.79	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.02	--	--
wasv038f	Wetland	Ashland	26.53	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	0.00	--	--
wasv035f	Wetland	Ashland	26.69	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasv032f	Wetland	Ashland	26.84	30.07	Mainline ROW	Trench	PFO	Hardwood Swamp	0.10	0.05	--	--
wasv030f	Wetland	Ashland	27.02	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv029f3	Wetland	Ashland	27.09	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv028f1	Wetland	Ashland	27.10	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv028f2	Wetland	Ashland	27.10	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	0.00	--	--
wasv029e	Wetland	Ashland	27.12	5.83	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv044e	Wetland	Ashland	27.18	44.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv044e	Wetland	Ashland	27.19	19.18	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv045f3	Wetland	Ashland	27.26	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv045f3	Wetland	Ashland	27.27	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv048s1	Wetland	Ashland	27.31	203.60	Mainline ROW	Trench	PSS	Alder Thicket	0.41	0.23	--	--
wasv048e	Wetland	Ashland	27.34	23.31	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.06	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasv067e	Wetland	Ashland	27.39	18.34	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv048e	Wetland	Ashland	27.39	325.88	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.56	--	--	--
wasv066e	Wetland	Ashland	27.40	11.41	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv048s2	Wetland	Ashland	27.43	198.58	Mainline ROW	Trench	PSS	Alder Thicket	0.62	0.23	--	--
wasv067e	Wetland	Ashland	27.47	22.79	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv053f3	Wetland	Ashland	27.50	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv053f2	Wetland	Ashland	27.51	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasv053f1	Wetland	Ashland	27.52	20.44	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.03	--	--
wasv053e	Wetland	Ashland	27.52	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasv053f3	Wetland	Ashland	27.52	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv054f5	Wetland	Ashland	27.53	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasv054e2	Wetland	Ashland	27.53	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv054f2	Wetland	Ashland	27.55	6.00	Mainline ROW	Trench	PFO	Hardwood Swamp	0.03	0.01	--	--
wasv054f1	Wetland	Ashland	27.56	5.44	Mainline ROW	Trench	PFO	Hardwood Swamp	0.02	0.01	--	--
wasv054f1	Wetland	Ashland	27.58	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasv055f	Wetland	Ashland	27.60	333.37	Mainline ROW	Trench	PFO	Hardwood Swamp	0.72	0.38	--	--
wasv055f	Wetland	Ashland	27.68	83.50	Mainline ROW	Trench	PFO	Hardwood Swamp	0.18	0.10	--	--
wasv056e1	Wetland	Ashland	27.74	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv056e1	Wetland	Ashland	27.76	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasv056f4	Wetland	Ashland	27.77	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wasv056e1	Wetland	Ashland	27.77	113.65	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.21	--	--	--
wasv056f3	Wetland	Ashland	27.78	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.05	0.01	--	--
wasv056f2	Wetland	Ashland	27.79	75.76	Mainline ROW	Trench	PFO	Hardwood Swamp	0.17	0.09	--	--
wasv056f1	Wetland	Ashland	27.85	173.96	Mainline ROW	Trench	PFO	Hardwood Swamp	0.44	0.23	--	--
wasv056f1	Wetland	Ashland	27.86	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasv057e	Wetland	Ashland	27.94	4.39	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasv057e	Wetland	Ashland	27.94	2.52	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasv058s1	Wetland	Ashland	27.98	256.27	Access Road	N/A	PSS	Shrub-Carr	0.17	--	--	--
wasv058s2	Wetland	Ashland	28.03	17.47	Mainline ROW	Trench	PSS	Shrub-Carr	0.14	0.03	--	--
wasv058e	Wetland	Ashland	28.05	24.47	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.09	--	--	--
was032f	Wetland	Ashland	28.22	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.07	0.02	--	--
was031f	Wetland	Ashland	28.39	21.13	Mainline ROW	Trench	PFO	Hardwood Swamp	0.06	0.03	--	--
was031f	Wetland	Ashland	28.40	179.99	Mainline ROW	Trench	PFO	Hardwood Swamp	0.38	0.20	--	--
wasd032s	Wetland	Ashland	28.45	9.26	Access Road	N/A	PSS	Shrub-Carr	0.00	--	--	--
wasd032s	Wetland	Ashland	28.46	50.77	Access Road	N/A	PSS	Shrub-Carr	0.01	--	--	--
wasd033f	Wetland	Ashland	28.54	4.23	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd033f	Wetland	Ashland	28.55	8.17	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasw022f	Wetland	Ashland	28.62	10.75	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd034e	Wetland	Ashland	28.63	146.69	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasw023ss	Wetland	Ashland	28.67	125.13	Mainline ROW	Trench	PSS	Alder Thicket	0.30	0.16	--	--
wasw024f	Wetland	Ashland	28.77	54.21	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.06	--	--
wasw014e	Wetland	Ashland	28.80	167.83	Access Road	N/A	PEM	Sedge Meadow	0.03	--	--	--
wasw015e	Wetland	Ashland	28.88	2.73	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasw015e	Wetland	Ashland	28.89	10.48	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasw019f	Wetland	Ashland	29.23	130.72	Mainline ROW	Trench	PFO	Hardwood Swamp	0.20	0.14	--	--
wasw021f	Wetland	Ashland	29.38	515.51	Mainline ROW	Trench	PFO	Hardwood Swamp	1.12	0.60	--	--
wasw027e_c	Wetland	Ashland	29.45	313.34	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.16	--	--	--
wasw021f	Wetland	Ashland	29.46	136.09	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wasw021f	Wetland	Ashland	29.46	52.51	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasw027e_b	Wetland	Ashland	29.47	214.51	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wasw027e_b	Wetland	Ashland	29.47	225.66	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasw027e_a	Wetland	Ashland	29.48	71.24	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wasw027e	Wetland	Ashland	29.48	466.61	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wasw025f	Wetland	Ashland	29.50	469.33	Mainline ROW	Trench	PFO	Hardwood Swamp	1.05	0.55	--	--
wasw027e	Wetland	Ashland	29.50	1.68	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasw027e_d	Wetland	Ashland	29.51	57.95	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasw027e_d	Wetland	Ashland	29.51	592.24	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.11	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wasw027e	Wetland	Ashland	29.55	33.54	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasw027e	Wetland	Ashland	29.55	354.08	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasw026f	Wetland	Ashland	29.59	154.82	Mainline ROW	Trench	PFO	Hardwood Swamp	0.36	0.18	--	--
wasw012f	Wetland	Ashland	29.77	117.16	Mainline ROW	HDD	PFO	Hardwood Swamp	0.29	0.13	--	--
wasw013ss	Wetland	Ashland	29.79	209.40	Mainline ROW	HDD	PSS	Fresh (Wet) Meadow	0.61	0.25	--	--
wasw012f	Wetland	Ashland	29.86	363.10	Mainline ROW	HDD	PFO	Hardwood Swamp	0.90	0.40	--	--
wasw010f	Wetland	Ashland	29.88	3.87	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.88	9.40	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw010f	Wetland	Ashland	29.89	9.78	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.89	1.78	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.90	17.98	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw010f	Wetland	Ashland	29.91	4.13	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw010f	Wetland	Ashland	29.91	5.39	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.93	182.22	Access Road	N/A	PFO	Floodplain Forest	0.02	--	--	--
wasw011f	Wetland	Ashland	29.96	153.46	Access Road	N/A	PFO	Floodplain Forest	0.01	--	--	--
wasw012f	Wetland	Ashland	29.96	566.92	Mainline ROW	HDD	PFO	Hardwood Swamp	1.65	0.65	--	--
wasw011f	Wetland	Ashland	29.96	14.40	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.97	22.34	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw011f	Wetland	Ashland	29.98	20.34	Access Road	N/A	PFO	Floodplain Forest	0.00	--	--	--
wasw012f	Wetland	Ashland	30.01	32.06	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasw011f	Wetland	Ashland	30.01	191.21	Access Road	N/A	PFO	Floodplain Forest	0.03	--	--	--
wasw009e	Wetland	Ashland	30.01	1560.53	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.87	--	--	--
wasw011f	Wetland	Ashland	30.03	N/A	Mainline ROW	N/A	PFO	Floodplain Forest	0.02	--	--	--
wasw009e	Wetland	Ashland	30.04	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.15	--	--	--
wasd1015e	Wetland	Ashland	30.27	166.24	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasd1016e	Wetland	Ashland	30.36	82.27	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasd1015e	Wetland	Ashland	30.39	476.48	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wasd1017s	Wetland	Ashland	30.47	24.32	Access Road	N/A	PSS	Shrub-Carr	0.01	--	--	--
wirb027f	Wetland	Iron	30.66	39.47	Mainline ROW	Trench	PFO	Hardwood Swamp	0.09	0.05	--	--
wirb1002f	Wetland	Iron	30.74	188.07	Mainline ROW	Trench	PFO	Hardwood Swamp	0.39	0.22	--	--
wirb1005f	Wetland	Iron	30.81	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp (Vernal Subtype)	0.04	0.02	--	--
wirb1006f	Wetland	Iron	30.87	135.09	Mainline ROW	Trench	PFO	Hardwood Swamp	0.25	0.14	--	--
wirb019e	Wetland	Iron	30.91	180.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wirb020e	Wetland	Iron	31.02	91.16	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirb021e	Wetland	Iron	31.07	57.14	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirb1007f	Wetland	Iron	31.07	179.09	Mainline ROW	Trench	PFO	Hardwood Swamp	0.44	0.22	--	--
wirb1007f	Wetland	Iron	31.11	880.89	Mainline ROW	Trench	PFO	Hardwood Swamp	1.93	1.02	--	--
wirb022e	Wetland	Iron	31.11	93.16	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wirb023e	Wetland	Iron	31.13	90.92	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirb024e	Wetland	Iron	31.16	72.61	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wirb025e	Wetland	Iron	31.22	54.86	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wirb026e	Wetland	Iron	31.26	14.29	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirb1007f	Wetland	Iron	31.32	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirb1007f	Wetland	Iron	31.34	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wird1001f	Wetland	Iron	31.39	26.78	Mainline ROW	Trench	PFO	Hardwood Swamp	0.05	0.03	--	--
wirb009f	Wetland	Iron	31.42	154.82	Mainline ROW	Trench	PFO	Hardwood Swamp	0.34	0.18	--	--
wirb016f	Wetland	Iron	31.52	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.05	0.01	--	--
wirb016e	Wetland	Iron	31.53	35.31	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirb016f	Wetland	Iron	31.53	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wase031f	Wetland	Ashland	31.60	138.20	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wase030e	Wetland	Ashland	31.60	75.69	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase036e	Wetland	Ashland	31.62	197.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wase035f	Wetland	Ashland	31.62	31.45	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wase035f	Wetland	Ashland	31.62	252.90	Access Road	N/A	PFO	Hardwood Swamp	0.05	--	--	--
wase039e	Wetland	Ashland	31.63	56.01	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase038e	Wetland	Ashland	31.63	72.18	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^e	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wase040e	Wetland	Ashland	31.66	34.65	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wase041f	Wetland	Ashland	31.69	125.99	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wase042f	Wetland	Ashland	31.70	34.11	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirb015e	Wetland	Iron	31.75	143.09	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.28	--	--	--
wase044f	Wetland	Ashland	31.75	36.59	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc031f	Wetland	Iron	31.76	7.90	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasc047s	Wetland	Ashland	31.82	61.30	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasc048s	Wetland	Ashland	31.83	6.87	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wasc048s	Wetland	Ashland	31.83	2.69	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb014f	Wetland	Iron	31.87	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.05	0.03	--	--
wirc030e	Wetland	Iron	31.87	89.50	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wirc016f	Wetland	Iron	31.90	60.00	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wasc045s	Wetland	Ashland	31.90	7.12	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wasc045s	Wetland	Ashland	31.91	6.04	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirc016f	Wetland	Iron	31.94	38.58	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc016f	Wetland	Iron	31.96	49.50	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc028e	Wetland	Iron	31.97	36.86	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirb011f	Wetland	Iron	31.97	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	0.00	--	--
wird023f	Wetland	Iron	32.06	27.62	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wird023f	Wetland	Iron	32.06	1.21	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasd004e	Wetland	Ashland	32.09	37.52	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wird023f	Wetland	Iron	32.09	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.17	0.02	--	--
wasd004e	Wetland	Ashland	32.09	98.84	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wasc1049e	Wetland	Ashland	32.13	12.35	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wasc044s	Wetland	Ashland	32.14	42.47	Access Road	N/A	PSS	Alder Thicket	0.04	--	--	--
wire002f	Wetland	Iron	32.15	5.25	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wire002f	Wetland	Iron	32.15	17.50	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wasc044s	Wetland	Ashland	32.16	47.15	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasd036f	Wetland	Ashland	32.17	43.05	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wire003f	Wetland	Iron	32.18	67.01	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wird023f	Wetland	Iron	32.19	29.90	Mainline ROW	Trench	PFO	Hardwood Swamp	0.09	0.04	--	--
wira045e	Wetland	Iron	32.21	17.96	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirc015f	Wetland	Iron	32.22	93.36	Access Road	N/A	PFO	Hardwood Swamp	0.04	--	--	--
wirb048f	Wetland	Iron	32.46	52.41	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirb048f	Wetland	Iron	32.46	143.89	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wirb049e	Wetland	Iron	32.46	90.84	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wirb048e	Wetland	Iron	32.46	105.22	Access Road	N/A	PEM	Shallow Marsh	0.02	--	--	--
wirb048f	Wetland	Iron	32.46	50.38	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirb052f	Wetland	Iron	32.47	49.04	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wird025f	Wetland	Iron	32.52	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wira1002f	Wetland	Iron	32.55	129.97	Access Road	N/A	PFO	Hardwood Swamp	0.08	--	--	--
wira1004f	Wetland	Iron	32.59	33.00	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wasc044s	Wetland	Ashland	32.65	98.47	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasc044s	Wetland	Ashland	32.66	80.01	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasc044s	Wetland	Ashland	32.67	46.08	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wird026f	Wetland	Iron	32.69	108.24	Mainline ROW	Trench	PFO	Hardwood Swamp	0.19	0.11	--	--
wasc044s	Wetland	Ashland	32.69	100.26	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wasc044s	Wetland	Ashland	32.70	305.13	Access Road	N/A	PSS	Alder Thicket	0.04	--	--	--
wasc044e	Wetland	Ashland	32.70	445.26	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.24	--	--	--
wasc044s	Wetland	Ashland	32.72	175.62	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wird035s	Wetland	Iron	32.73	132.38	Access Road	N/A	PSS	Alder Thicket	0.05	--	--	--
wird036s	Wetland	Iron	32.74	751.17	Access Road	N/A	PSS	Alder Thicket	0.49	--	--	--
wirc1027s	Wetland	Iron	32.77	303.79	Access Road	N/A	PSS	Shrub-Carr	0.12	--	--	--
wird027f	Wetland	Iron	32.79	87.36	Mainline ROW	Trench	PFO	Hardwood Swamp	0.17	0.09	--	--
wird027f	Wetland	Iron	32.83	156.92	Mainline ROW	Trench	PFO	Hardwood Swamp	0.30	0.19	--	--
wirb057f	Wetland	Iron	32.83	186.77	Access Road	N/A	PFO	Hardwood Swamp	0.04	--	--	--
wirb056f	Wetland	Iron	32.85	52.41	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wird027s	Wetland	Iron	32.88	N/A	Mainline ROW	N/A	PSS	Shrub-Carr	0.03	0.01	--	--
wird027f	Wetland	Iron	32.89	388.26	Mainline ROW	Trench	PFO	Hardwood Swamp	0.80	0.42	--	--
wirb055s	Wetland	Iron	32.91	182.05	Access Road	N/A	PSS	Shrub-Carr	0.06	--	--	--
wirb054s	Wetland	Iron	32.96	8.68	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb054s	Wetland	Iron	32.96	8.68	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb054s	Wetland	Iron	32.97	4.64	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wird027f	Wetland	Iron	32.97	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirb054s	Wetland	Iron	32.97	13.76	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb054s	Wetland	Iron	32.98	5.81	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb054s	Wetland	Iron	32.98	34.64	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wird027f	Wetland	Iron	32.98	450.78	Mainline ROW	Trench	PFO	Hardwood Swamp	0.96	0.52	--	--
wirb054s	Wetland	Iron	33.00	8.06	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirb054s	Wetland	Iron	33.00	48.77	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wirb054e	Wetland	Iron	33.00	687.72	Access Road	N/A	PEM	Sedge Meadow	0.42	--	--	--
wird027f	Wetland	Iron	33.00	149.5	Access Road	N/A	PFO	Hardwood Swamp	0.11	--	--	--
wire1001f	Wetland	Iron	33.03	93.85	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wire1001e	Wetland	Iron	33.03	155.47	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wire1001f	Wetland	Iron	33.03	82.51	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wird028f	Wetland	Iron	33.15	469.76	Mainline ROW	Trench	PFO	Hardwood Swamp	1.08	0.56	--	--
wird028f	Wetland	Iron	33.22	720.38	Access Road	N/A	PFO	Hardwood Swamp	0.48	--	--	--
wird028f	Wetland	Iron	33.25	551.46	Access Road	N/A	PFO	Hardwood Swamp	0.34	--	--	--
wird028f	Wetland	Iron	33.27	311.72	Mainline ROW	Trench	PFO	Hardwood Swamp	0.78	0.37	--	--
wirb046f	Wetland	Iron	33.37	43.53	Mainline ROW	Trench	PFO	Hardwood Swamp	0.08	0.06	--	--
wirb044f	Wetland	Iron	33.44	159.21	Mainline ROW	Trench	PFO	Hardwood Swamp	0.37	0.19	--	--
wira036f	Wetland	Iron	33.46	5.70	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wira036f	Wetland	Iron	33.47	20.87	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirb042f	Wetland	Iron	33.59	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.07	--	--	--
wirb039s	Wetland	Iron	33.69	168.52	Mainline ROW	HDD	PSS	Shrub-Carr	0.49	0.20	--	--
wirb040e	Wetland	Iron	33.69	78.19	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirb041e	Wetland	Iron	33.84	23.92	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirb037s	Wetland	Iron	34.04	14.42	Mainline ROW	HDD	PSS	Shrub-Carr	0.01	0.01	--	--
wirc023f	Wetland	Iron	34.05	14.52	Mainline ROW	HDD	PFO	Floodplain Forest	0.01	0.01	--	--
wirc023f	Wetland	Iron	34.07	7.89	Mainline ROW	HDD	PFO	Floodplain Forest	0.05	0.00	--	--
wirc022f	Wetland	Iron	34.08	43.26	Mainline ROW	HDD	PFO	Hardwood Swamp	0.03	0.03	--	--
wirc018s	Wetland	Iron	34.14	57.99	Access Road	N/A	PSS	Alder Thicket	0.01	--	--	--
wirc018e	Wetland	Iron	34.14	103.05	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wirc018s	Wetland	Iron	34.15	76.46	Access Road	N/A	PSS	Alder Thicket	0.04	--	--	--
wirc021f	Wetland	Iron	34.16	101.98	Mainline ROW	HDD	PFO	Hardwood Swamp	0.17	0.11	--	--
wirc021f	Wetland	Iron	34.17	103.08	Mainline ROW	HDD	PFO	Hardwood Swamp	0.16	0.11	--	--
wirc024f	Wetland	Iron	34.23	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc020e	Wetland	Iron	34.23	58.83	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wirc021f	Wetland	Iron	34.25	0.51	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc021e	Wetland	Iron	34.25	125.01	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.08	--	--	--
wirc021f	Wetland	Iron	34.27	59.87	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirc025f	Wetland	Iron	34.28	548.97	Mainline ROW	Trench	PFO	Hardwood Swamp	1.03	0.62	--	--
wirc017e	Wetland	Iron	34.30	51.54	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirc025e	Wetland	Iron	34.30	8.96	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira046e	Wetland	Iron	34.32	100.02	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wirc013f	Wetland	Iron	34.33	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirc013f	Wetland	Iron	34.35	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirc013f	Wetland	Iron	34.39	1532.89	Mainline ROW	Trench	PFO	Hardwood Swamp	3.61	1.75	--	--
wirc019e	Wetland	Iron	34.43	705.53	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.33	--	--	--
wirc019f	Wetland	Iron	34.43	64.03	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc019f	Wetland	Iron	34.45	214.95	Access Road	N/A	PFO	Hardwood Swamp	0.04	--	--	--
wirc019f	Wetland	Iron	34.46	108.69	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc019f	Wetland	Iron	34.46	17.93	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wird045e	Wetland	Iron	34.46	11.26	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wirc019e	Wetland	Iron	34.47	862.56	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.45	--	--	--
wirc019f	Wetland	Iron	34.47	34.85	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc019f	Wetland	Iron	34.47	145.31	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wirc019f	Wetland	Iron	34.47	61.45	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc019f	Wetland	Iron	34.47	58.95	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc019f	Wetland	Iron	34.47	65.17	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc019f	Wetland	Iron	34.47	85.14	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc019f	Wetland	Iron	34.47	32.67	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc019f	Wetland	Iron	34.47	135.42	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wirc019f	Wetland	Iron	34.47	1.22	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirc1022f	Wetland	Iron	34.79	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp (Vernal Subtype)	0.04	0.01	--	--
wirc1019f	Wetland	Iron	34.88	311.53	Mainline ROW	HDD	PFO	Hardwood Swamp	0.58	0.31	--	--
wirc014f	Wetland	Iron	35.08	106.44	Mainline ROW	HDD	PFO	Hardwood Swamp	0.22	0.12	--	--
wirc014e	Wetland	Iron	35.10	17.93	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wira017f	Wetland	Iron	35.10	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wira017e	Wetland	Iron	35.11	10.14	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirc1016f	Wetland	Iron	35.29	224.52	Mainline ROW	HDD	PFO	Hardwood Swamp	0.48	0.25	--	--
wirc006f	Wetland	Iron	35.48	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.07	0.00	--	--
wirc012e	Wetland	Iron	35.55	15.65	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wira008s	Wetland	Iron	35.90	19.79	Mainline ROW	HDD	PSS	Alder Thicket	0.04	0.02	--	--
wira008e	Wetland	Iron	35.91	N/A	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wira008e	Wetland	Iron	35.91	N/A	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wira008s	Wetland	Iron	35.91	44.64	Mainline ROW	HDD	PSS	Alder Thicket	0.07	0.04	--	--
wira008f	Wetland	Iron	35.93	160.60	Mainline ROW	HDD	PFO	Hardwood Swamp	0.35	0.19	--	--
wirc1015e	Wetland	Iron	35.97	786.61	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.26	--	--	--
wirc1015e	Wetland	Iron	36.00	446.25	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.12	--	--	--
wira008f	Wetland	Iron	36.11	N/A	Mainline ROW	HDD	PFO	Hardwood Swamp	0.00	--	--	--
wira008e	Wetland	Iron	36.12	113.59	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wira008f	Wetland	Iron	36.12	102.79	Mainline ROW	HDD	PFO	Hardwood Swamp	0.24	0.12	--	--
wira008f	Wetland	Iron	36.13	120.91	Access Road	N/A	PFO	Hardwood Swamp	0.07	--	--	--
wira008e	Wetland	Iron	36.13	472.44	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.19	--	--	--
wirw006e	Wetland	Iron	36.21	910.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.20	--	--	--
wirw006e	Wetland	Iron	36.21	108.22	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirw007e	Wetland	Iron	36.21	449.69	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.10	--	--	--
wira006e	Wetland	Iron	36.22	26.98	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wira006e	Wetland	Iron	36.24	137.74	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.07	--	--	--
wira006f	Wetland	Iron	36.27	54.28	Mainline ROW	HDD	PFO	Hardwood Swamp	0.13	0.07	--	--
wirc1013e	Wetland	Iron	36.27	21.82	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira006f	Wetland	Iron	36.30	301.82	Access Road	N/A	PFO	Hardwood Swamp	0.09	--	--	--
wira006f	Wetland	Iron	36.30	24.26	Mainline ROW	HDD	PFO	Hardwood Swamp	0.09	0.03	--	--
wirc1013f	Wetland	Iron	36.32	139.45	Access Road	N/A	PFO	Hardwood Swamp	0.05	--	--	--
wira006f	Wetland	Iron	36.39	198.62	Mainline ROW	HDD	PFO	Hardwood Swamp	0.41	0.23	--	--
wira006f	Wetland	Iron	36.42	135.97	Access Road	N/A	PFO	Hardwood Swamp	0.10	--	--	--
wirc1013e	Wetland	Iron	36.42	1523.45	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.68	--	--	--
wirc1013f	Wetland	Iron	36.42	93.97	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wira006f	Wetland	Iron	36.42	72.53	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wira006e	Wetland	Iron	36.43	86.58	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirc1012e	Wetland	Iron	36.50	74.81	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirw001e	Wetland	Iron	36.55	18.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	16.73	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	46.40	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wirw001e	Wetland	Iron	36.55	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirw001e	Wetland	Iron	36.55	13.14	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira001f	Wetland	Iron	36.57	242.47	Access Road	N/A	PFO	Hardwood Swamp	0.20	--	--	--
wira001f	Wetland	Iron	36.58	229.61	Mainline ROW	HDD	PFO	Hardwood Swamp	0.55	0.27	--	--
wira001e	Wetland	Iron	36.61	N/A	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira001f	Wetland	Iron	36.63	N/A	Mainline ROW	HDD	PFO	Hardwood Swamp	0.02	0.00	--	--
wirw003e	Wetland	Iron	36.83	251.35	Access Road	N/A	PEM	Sedge Meadow	0.04	--	--	--
wirw002e	Wetland	Iron	36.83	40.04	Access Road	N/A	PEM	Sedge Meadow	0.00	--	--	--
wirw005e	Wetland	Iron	36.84	289.15	Access Road	N/A	PEM	Sedge Meadow	0.05	--	--	--
wirw004e	Wetland	Iron	36.85	117.56	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wira001f	Wetland	Iron	36.86	76.45	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wira001e	Wetland	Iron	36.86	30.36	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira002e	Wetland	Iron	36.86	5.75	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wira002e	Wetland	Iron	36.86	140.06	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wira014e	Wetland	Iron	36.86	148.91	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wirc1011f	Wetland	Iron	36.87	7.59	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wira010e	Wetland	Iron	36.87	118.98	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wirc1010e	Wetland	Iron	36.87	11.09	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirc1008e	Wetland	Iron	36.87	50.72	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wirc1007f	Wetland	Iron	36.88	45.55	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wira011f	Wetland	Iron	36.92	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	0.00	--	--
wira011f	Wetland	Iron	36.94	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.02	0.01	--	--
wira012e	Wetland	Iron	37.01	16.60	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.04	--	--	--
wirc1003e	Wetland	Iron	37.02	8.84	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirc1003e	Wetland	Iron	37.03	33.41	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirc1003f	Wetland	Iron	37.03	4.49	Access Road	N/A	PFO	Hardwood Swamp (Vernal Subtype)	0.00	--	--	--
wirc1003e	Wetland	Iron	37.03	17.21	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirc1003f	Wetland	Iron	37.03	19.18	Access Road	N/A	PFO	Hardwood Swamp (Vernal Subtype)	0.00	--	--	--
wirc1003f	Wetland	Iron	37.03	15.00	Access Road	N/A	PFO	Hardwood Swamp (Vernal Subtype)	0.00	--	--	--
wira012e	Wetland	Iron	37.08	26.73	Mainline ROW	HDD	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wira012e	Wetland	Iron	37.09	67.30	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.03	--	--	--
wira012e	Wetland	Iron	37.09	110.14	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.06	--	--	--
wira013f	Wetland	Iron	37.22	569.81	Mainline ROW	HDD	PFO	Hardwood Swamp	1.22	0.65	--	--
wirv001e	Wetland	Iron	37.39	76.89	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirv001e	Wetland	Iron	37.39	18.31	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirv002f2	Wetland	Iron	37.40	150.31	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirv002e	Wetland	Iron	37.41	181.22	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wirv002f1	Wetland	Iron	37.42	78.33	Access Road	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wirc1002f	Wetland	Iron	37.43	327.06	Mainline ROW	HDD	PFO	Hardwood Swamp	0.23	0.23	--	--
wirv003f	Wetland	Iron	37.44	36.16	Access Road	N/A	PFO	Hardwood Swamp	0.00	--	--	--
wirv003f	Wetland	Iron	37.48	104.43	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirv003e	Wetland	Iron	37.50	719.66	Access Road	N/A	PEM	Shallow Marsh	0.25	--	--	--
wird003f	Wetland	Iron	37.56	482.23	Mainline ROW	HDD	PFO	Hardwood Swamp	0.33	0.33	--	--
wird003e	Wetland	Iron	37.60	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wird003e	Wetland	Iron	37.63	N/A	Mainline ROW	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wirv006f	Wetland	Iron	37.63	139.54	Access Road	N/A	PFO	Hardwood Swamp	0.08	--	--	--
wirv004s	Wetland	Iron	37.64	38.22	Access Road	N/A	PSS	Alder Thicket	0.00	--	--	--
wirv007f	Wetland	Iron	37.64	47.13	Access Road	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wirv005e1	Wetland	Iron	37.64	31.71	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wird001f	Wetland	Iron	37.77	658.34	Mainline ROW	HDD	PFO	Floodplain Forest	0.45	0.45	--	--
wira016f	Wetland	Iron	37.93	234.23	Mainline ROW	HDD	PFO	Hardwood Swamp	0.16	0.16	--	--
wird006f	Wetland	Iron	38.10	62.84	Mainline ROW	HDD	PFO	Hardwood Swamp	0.09	0.06	--	--
wird007f	Wetland	Iron	38.17	108.31	Mainline ROW	HDD	PFO	Hardwood Swamp	0.31	0.14	--	--
wird009f	Wetland	Iron	38.36	118.18	Mainline ROW	HDD	PFO	Hardwood Swamp	0.28	0.13	--	--

Feature ID ^a	Feature Type	County	Milepost	Pipeline Centerline Crossing Length or Length Along Access Road (feet)	Project Component Name/Location	Proposed Pipeline Crossing Method ^b	Cowardin ^c	Eggers and Reed ^c	Temporary Wetland Impacts – Construction (acres) ^f	Wetland Conversion (acres) ^g	Permanent Fill (acres) ^h	Permanent Fill (Sq. Ft.)
wird009f	Wetland	Iron	38.43	21.30	Mainline ROW	HDD	PFO	Hardwood Swamp	0.05	0.02	--	--
wird011f	Wetland	Iron	38.48	167.62	Mainline ROW	HDD	PFO	Hardwood Swamp	0.36	0.18	--	--
wird015f	Wetland	Iron	38.59	830.19	Mainline ROW	Trench	PFO	Hardwood Swamp	3.09	0.97	--	--
wird015f	Wetland	Iron	38.69	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.41	--	--	--
wird015f	Wetland	Iron	38.76	57.04	Mainline ROW	Trench	PFO	Hardwood Swamp	0.13	0.08	--	--
wird015e	Wetland	Iron	38.78	31.84	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wird015e	Wetland	Iron	38.80	50.16	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--
wird015e	Wetland	Iron	38.81	182.89	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.12	--	--	--
wirc1001e	Wetland	Iron	38.83	29.72	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.02	--	--	--
wird018f	Wetland	Iron	38.90	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.03	--	--	--
wird018e	Wetland	Iron	39.01	42.69	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.14	--	--	--
wird018e	Wetland	Iron	39.01	15.42	Mainline ROW	Trench	PEM	Fresh (Wet) Meadow	0.05	--	--	--
wird1008f	Wetland	Iron	39.04	14.20	Mainline ROW	Trench	PFO	Hardwood Swamp	0.06	0.03	--	--
wird1009e	Wetland	Iron	39.09	21.38	Mainline ROW	Trench	PEM	Seasonally Flooded Basin	0.11	--	--	--
wird1011f	Wetland	Iron	39.31	N/A	Mainline ROW	N/A	PFO	Hardwood Swamp	0.01	--	--	--
wird030f	Wetland	Iron	39.40	159.02	Mainline ROW	Trench/HDD	PFO	Hardwood Swamp	0.91	0.19	--	--
wira1009f	Wetland	Iron	39.44	46.71	Mainline ROW	HDD	PFO	Hardwood Swamp	0.03	0.03	--	--
wira1008f	Wetland	Iron	39.49	90.96	Mainline ROW	HDD	PFO	Hardwood Swamp	0.07	0.07	--	--
wira1007s	Wetland	Iron	39.56	16.01	Mainline ROW	HDD	PSS	Alder Thicket	0.01	0.01	--	--
wira1007s	Wetland	Iron	39.57	43.18	Mainline ROW	HDD	PSS	Alder Thicket	0.03	0.03	--	--
wira1007f	Wetland	Iron	39.58	53.21	Mainline ROW	HDD	PFO	Hardwood Swamp	0.04	0.04	--	--
wira1007f	Wetland	Iron	39.59	21.83	Mainline ROW	HDD	PFO	Hardwood Swamp	0.01	0.01	--	--
wira1006f	Wetland	Iron	39.61	20.26	Mainline ROW	HDD	PFO	Hardwood Swamp	0.01	0.01	--	--
wirv009f	Wetland	Iron	39.79	42.40	Access Road	N/A	PFO	Hardwood Swamp	0.02	--	--	--
wirw049e	Wetland	Iron	39.79	185.80	Access Road	N/A	PEM	Fresh (Wet) Meadow	0.10	--	--	--
wbad1005e	Wetland	Bayfield	N/A	N/A	Valve	N/A	PEM	Fresh (Wet) Meadow	0.32	--	--	--
wbad1006e	Wetland	Bayfield	N/A	33.29	Permanent Access Road	N/A	PEM	Fresh (Wet) Meadow	0.01	--	0.01	371.08
wbad1006e	Wetland	Bayfield	N/A	N/A	Valve	N/A	PEM	Fresh (Wet) Meadow	0.00	--	--	--
wbad1006e	Wetland	Bayfield	N/A	N/A	Valve	N/A	PEM	Fresh (Wet) Meadow	0.01	--	--	--

^a Wetland/waterbody unique identification is based on 2019/2020 field survey data and Wisconsin Wetland Inventory Desktop Mapping (WDNR, 1992).

^b PEM = Palustrine Emergent; PSS=Palustrine Scrub Shrub; PFO = Palustrine Forested (Cowardin, 1979).

^c (Eggers and Reed, 2015).

^d Acreage includes temporary workspace, operational workspace, and additional temporary workspace. Values listed as '0.00' are <0.01 acre in size.

^e Conversion = Acreage of forested/scrub-shrub wetlands within the operational right-of-way that will be maintained as emergent wetlands. Values listed as '0.00' are <0.01 acre in size.

-- No impact in this category.

N/A = Not Applicable