

Appendix E. Water Crossing Tables

Table E-1. Project waterbody crossings.

Waterbody and Crossing Type ^a	Length of Waterbody in Project Footprint (ft)		Flow Regime
	Construction	Operation	
Brushy Creek			
Collection Lines	50.08	0	Perennial
	52.36	0	Perennial
Coon Creek			
Transmission Line	309.27	75.23	Perennial
East Boyer River			
Collection lines	105.58	0	Perennial
	84.46	0	Intermittent
Halburn Creek			
Collection Line	50.58	0	Intermittent
Crane Walks	180.81	0	Intermittent
Malony Branch			
Transmission Line	390.69	82.85	Intermittent
Collection Lines	54.23	0	Intermittent
	65.82	0	Intermittent
Miller Creek			
Collection Lines	54.24	0	Perennial
	187.44	0	Perennial
West Fork West Nishnabotna River			
Collection Lines	109.96	0	Perennial
	50.87	0	Perennial
	57.16	0	Perennial
	139.66	0	Intermittent
Transmission Line	235.45	101.08	Perennial
	523.52	170.07	Perennial
	429.51	83.10	Perennial
West Nishnabotna River			
Collection Lines	56.94	0	Intermittent
	50.41	0	Perennial
Crane Walks	180.62	0	Intermittent
New Access Road	84.95	17.31	Intermittent
Unnamed Tributaries			
Collection Lines	50.00	0	Intermittent
	101.39	0	Intermittent
	262.33	0	Intermittent
	100.45	0	Intermittent
	69.28	0	Intermittent

	42.19	0	Intermittent
	51.80	0	Intermittent
	244.58	0	Intermittent
	109.64	0	Intermittent
	30.85	0	Intermittent
	89.41	0	Intermittent
	57.40	0	Intermittent
	68.77	0	Intermittent
	115.18	0	Intermittent
	52.06	0	Intermittent
	50.86	0	Intermittent
	62.76	0	Intermittent
	55.87	0	Intermittent
	59.82	0	Intermittent
	50.84	0	Intermittent
	61.49	0	Intermittent
	50.81	0	Intermittent
	56.87	0	Intermittent
	50.63	0	Intermittent
	56.97	0	Intermittent
	55.33	0	Intermittent
	122.89	0	Intermittent
	90.89	0	Intermittent
	56.98	0	Intermittent
	287.99	0	Intermittent
	107.22	0	Intermittent
	70.69	0	Intermittent
	3.95	0	Intermittent
	59.06	0	Perennial
	50.64	0	Perennial
	53.58	0	Perennial
	50.88	0	Perennial
	51.38	0	Perennial
	53.96	0	Perennial
	51.69	0	Perennial
	50.42	0	Perennial
Crane Walks	170.30	0	Intermittent
	152.70	0	Intermittent
	48.82	0	Intermittent
	150.97	0	Intermittent
	203.37	0	Intermittent



	489.00	0	Intermittent
	411.91	0	Intermittent
	208.45	0	Intermittent
	104.35	0	Intermittent
	160.79	0	Intermittent
	67.75	0	Intermittent
	164.91	0	Intermittent
	173.53	0	Intermittent
	150.31	0	Intermittent
	131.61	0	Intermittent
	154.20	0	Intermittent
	151.11	0	Perennial
	6.10	0	Artificial Path
	42.65	0	Artificial Path
New Access Roads	75.79	16.00	Intermittent
	75.70	16.17	Intermittent
	86.53	16.00	Intermittent
	0	16.18	Intermittent
	0	19.20	Intermittent
	0	16.28	Intermittent
	0	23.69	Intermittent
	0	18.79	Intermittent
	0	16.07	Intermittent
Transmission Line	315.20	75.43	Intermittent
	358.59	75.00	Intermittent
	351.66	110.53	Intermittent
	196.98	75.54	Intermittent
	404.43	113.80	Intermittent
	335.36	83.86	Intermittent
	714.04	87.89	Intermittent
	353.46	87.65	Intermittent
	299.65	77.50	Intermittent
	253.78	132.87	Intermittent
	221.55	59.84	Intermittent
	101.27	82.64	Intermittent
	454.46	96.25	Intermittent
	172.67	0	Intermittent
	285.00	0	Intermittent
	453.78	0	Intermittent
	356.17	93.95	Perennial
	115.67	0	Artificial Path

	44.51	0	Artificial Path
	77.20	0	Artificial Path
^a USGS (2023a, 2024)			
^b Where infrastructure overlaps, impact length was assigned to the infrastructure with the widest buffer.			

Table E-2. USFWS NWI Wetlands in the Project Footprint

Wetland and Workspace Type	Area in the Project Footprint (acres)	
	Construction	Operations
Freshwater Emergent Wetlands		
Collection Line	0.02	0
	0.03	0
	0.02	0
	0.01	0
	0.03	0
	0.02	0
	0.02	0
	0.02	0
	0.02	0
	0.04	0
	0.02	0
	0.05	0
	0.02	0
	0.02	0
	0.06	0
	0.02	0
	0.03	0
	0.11	0
	0.35	0
	0.02	0
	0.03	0
	0.03	0
	0.02	0
	0.02	0
	0.02	0
	0.05	0
	0.02	0
	0.02	0
	0.04	0
	0.02	0
0.04	0	
<0.01	0	
0.02	0	
Crane Walk	0.01	0
	0.07	0
	0.07	0

	0.06	0
	0.01	0
	<0.01	0
	0.07	0
New Access Road	0.05	0.01
	0.04	0.01
	0	0.01
Transmission Line	0.05	0.04
	0.26	0.05
	0.16	0.04
	0.26	0
	0.15	0
Freshwater Ponds		
Collection Line	0.07	0
Crane Walk	<0.01	0
	0.01	0
	<0.01	0
	0.20	0
Transmission Line	0.11	<0.01
	0.47	0.11
	0.03	0.11
	1.08	0
	0.85	0
	0.15	0
<p>^a USFWS (2023g, 2024e)</p> <p>^b Where infrastructure overlaps, impact acreage was assigned to the infrastructure with the widest buffer.</p>		