

Appendix 18 - Project Waterfowl Production Area Crossing Table

Appendix 18 - Crossing of Waterfowl Production Area by Project Centerline					
Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
NDM-106	0.00	1.00	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	2.21	0.50	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	2.75	0.78	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	3.73	1.28	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	5.68 ¹	2.17	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	8.31 ¹	0.58	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	10.28 ¹	4.70	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	15.29 ¹	1.56	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	19.72	0.77	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	23.92 ¹	0.78	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDM-106	25.01 ¹	0.02	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDT-211	91.92	1.38	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDT-211	116.22	0.21	McPherson County	Conservation Easement	PADUS USFWS

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			Waterfowl Production Area		
NDT-211	116.56 ¹	0.68	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDT-211	117.46	0.51	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
NDT-211	120.17	0.06	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	27.70	0.50	Hyde County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	29.23 ¹	1.52	Hyde County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	30.84 ¹	3.57	Hyde County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	36.70	0.23	Hyde County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	39.26	0.43	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	40.69 ¹	0.57	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	45.46 ¹	0.04	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	53.17 ¹	0.50	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	58.95 ¹	0.50	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	63.57	0.62	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	64.36	0.57	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS

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Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
SDL-320	65.16	0.05	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	66.29 ¹	3.13	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	69.50	1.10	Hand County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	73.25 ¹	2.70	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	76.47	0.40	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	77.03 ¹	1.89	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-320	78.95 ¹	0.57	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-335	0.00 ¹	0.44	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-513	19.10	0.83	Lake County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-513	24.00	0.54	Lake County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-514	26.95 ¹	0.56	Grant County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDL-514	35.49 ¹	0.79	Codington County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	59.33	0.17	Minnehaha County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	59.72	0.40	Minnehaha County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	60.86	0.05	Minnehaha County	Conservation Easement	PADUS USFWS

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Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
			Waterfowl Production Area		
SDM-104	78.48 ¹	0.29	Minnehaha County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	101.27	0.71	Lake County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	102.61	0.59	Lake County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	103.20	0.62	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	110.01	0.90	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	117.68	0.64	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	127.93	0.03	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-104	128.31	0.31	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	5.06	0.51	Huron Wetland Management District	Conservation Easement	USFWS
SDM-105	9.51 ¹	0.49	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	36.33	0.05	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	60.46 ¹	0.03	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	60.98	0.14	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	67.83	2.12	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS

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Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
SDM-105	72.04	0.94	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	73.47	3.56	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	81.08	1.02	Sand Lake Wetland Management District	Conservation Easement	USFWS
SDM-105	85.94	2.57	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	90.26 ¹	3.44	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	93.86 ¹	2.52	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	99.21 ¹	0.10	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	108.31 ¹	1.39	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	111.97 ¹	0.63	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDM-105	113.73	0.04	McPherson County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-206	1.58	0.28	Lake County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-207	1.32	0.56	Beadle County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	15.25	0.63	Hamlin County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	19.03	0.03	Hamlin County Waterfowl Production Area	Conservation Easement	PADUS USFWS

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Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
SDT-208	23.77	0.66	Hamlin County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	30.72 ¹	0.15	Clark County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	34.90	0.35	Clark County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	37.63	0.65	Clark County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-208	40.64	0.56	Clark County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-209	1.75 ¹	0.99	Spink County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-210	4.39 ¹	3.87	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-210	8.40	0.15	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-210	8.74	0.30	Brown County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-210	10.58	0.50	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-210	11.58 ¹	0.02	Edmunds County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-410	18.01	1.04	Sanborn County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-410	21.30	0.53	Sanborn County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-410	22.90	0.58	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-410	26.48	1.03	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-410	38.87	0.04	Miner County Waterfowl Production Area	Conservation Easement	PADUS USFWS

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Pipeline Route ID	Milepost	Crossing Length (Miles) ²	Waterfowl Production Area	Easement Type	Data Source ³
SDT-411	0.97	0.92	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	2.09	0.20	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	2.30	0.25	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	3.58	1.78	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	5.84	0.07	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	6.42	0.50	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	7.71	0.75	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	9.43 ¹	0.25	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS
SDT-411	19.35 ¹	0.49	Kingsbury County Waterfowl Production Area	Conservation Easement	PADUS USFWS

Notes

¹Represents Waterfowl Production Areas where a portion or all will be crossed using the HDD or bore methods.

²Represents distance of centerline crossing only of Waterfowl Production Area and does not reflect construction impacts or crossing methodology.

³PADUS = Protected Areas Database of the United States; USFWS = U.S. Fish & Wildlife Service Database