

Table A – Waterbody Crossing Table

Appendix 14: Table A - Waterbody Crossings

Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
IAL-510	0.047	Lincoln	Intermittent	Tributary to Pattee Creek	S_9_LI_001_DT	9, 10	Not Determined	WOC	14.92	0.03
IAL-510	0.338	Lincoln	Intermittent	Tributary to Pattee Creek	S_9_LI_001_DT	9, 10	Not Determined	HDD	16.92	0.00
IAL-510	2.955	Union	Perennial	Big Sioux River	S_9_UN_001_DT	5, 7, 8, 9, 10	non 5 TSS non 7, 8 E. coli	HDD	240.48	0.00
NDM-106	20.236	McPherson	Intermittent	Tributary to Spring Creek	S_9_MP_006_DT	9, 10	Not Determined	WOC	12.23	0.02
NDM-106	21.156	McPherson	Ephemeral	Tributary to Spring Creek	S_9_MP_005_DT	9, 10	Not Determined	WOC	28.13	0.04
NDM-106	23.711	McPherson	Intermittent	Spring Creek	S_9_MP_002_DT	9, 10	Not Determined	WOC	23.89	0.04
NDM-106	24.326	McPherson	Intermittent	Tributary to Spring Creek	S_9_MP_001_DT	9, 10	Not Determined	WOC	15.30	0.03
NDT-211	90.011	Brown	Perennial	Webber Gulch	S2007BR033	1, 5, 7, 8, 9	non 1 TDS	HDD	161.60	0.00
NDT-211	91.961	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_015_DT	9, 10	Not Determined	WOC	1.16	0.002
NDT-211	93.242	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_014_DT	9, 10	Not Determined	WOC	8.03	0.01
NDT-211	94.316	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_013_DT	9, 10	Not Determined	Bore	10.00	0.00
NDT-211	94.349	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_013_DT	9, 10	Not Determined	WOC	19.00	0.04
NDT-211	94.422	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_013_DT	9, 10	Not Determined	WOC	14.34	0.09
NDT-211	94.453	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_013_DT	9, 10	Not Determined	WOC	18.18	-- ⁶
NDT-211	94.469	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_013_DT	9, 10	Not Determined	WOC	34.81	-- ⁶
NDT-211	95.831	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_012_DT	9, 10	Not Determined	WOC	5.20	0.01
NDT-211	96.998	McPherson	Ephemeral	Tributary to Elm River	S_11_MP_908_DT	9, 10	Not Determined	WOC	1.39	0.002
NDT-211	100.219	McPherson	Ephemeral	Tributary to Elm River	S_10_MP_008_DT	9, 10	Not Determined	WOC	1.51	0.003
NDT-211	102.085	McPherson	Intermittent	Tributary to Elm River	S_10_MP_007_DT	9, 10	Not Determined	WOC	4.85	0.01
NDT-211	103.081	McPherson	Ephemeral	Tributary to Elm River	S_10_MP_006_DT	9, 10	Not Determined	WOC	4.93	0.01
NDT-211	103.515	McPherson	Ephemeral	Tributary to Elm River	S_10_MP_005_DT	9, 10	Not Determined	WOC	1.03	0.002
NDT-211	107.500	McPherson	Ephemeral	Tributary to Dry Run	S_10_MP_004_DT	9, 10	Not Determined	WOC	2.21	0.004
NDT-211	108.852	McPherson	Ephemeral	Tributary to Willow Creek	S_10_MP_003_DT	9, 10	Not Determined	WOC	1.46	0.003
NDT-211	111.777	McPherson	Ephemeral	Tributary to Willow Creek	S_11_MP_016_DT	9, 10	Not Determined	WOC	3.17	0.01
NDT-211	114.439	McPherson	Intermittent	Tributary to Foot Creek	S_9_MP_014_DT	9, 10	Not Determined	Bore	34.69	0.00
NDT-211	118.057	McPherson	Ephemeral	Tributary to Snake Creek	S_9_MP_012_DT	9, 10	Not Determined	WOC	12.57	0.02
NDT-211	119.212	McPherson	Intermittent	Tributary to Snake Creek	S_9_MP_009_DT	9, 10	Not Determined	WOC	18.15	0.03
SDL-320	0.007	Sully	Ephemeral	Tributary to Medicine Knoll Creek	S2007SU009	9, 10	Not Determined	Bore	1.02	0.00
SDL-320	12.356	Sully	Ephemeral	Tributary to Medicine Knoll Creek	S3919SU004	9, 10	Not Determined	WOC	8.19	0.01
SDL-320	17.723	Sully	Perennial	Medicine Knoll Creek	S2015SU021	9, 10	Not Determined	HDD	26.46	0.00
SDL-320	51.374	Hand	Ephemeral	Matter Creek	S_2_HN_019_DT	9, 10	Not Determined	WOC	11.21	0.03
SDL-320	52.332	Hand	Ephemeral	Tributary to Matter Creek	S2014HN004	9, 10	Not Determined	WOC	5.16	0.01
SDL-320	64.491	Hand	Intermittent	Bryant Creek	S2012HN001	9, 10	Not Determined	WOC	20.66	0.04
SDL-320	78.512	Spink	Ephemeral	Tributary to Turtle Creek	S2011SP003	9, 10	Not Determined	WOC	2.04	0.003
SDL-513	3.800	Brookings	Perennial	Deer Creek	S_9_BO_008_DT	9, 10	Not Determined	HDD	51.51	0.00
SDL-513	8.668	Brookings	Perennial	Big Sioux River	S_9_BO_020_DT	5, 8, 9, 10	non 5 TSS	HDD	41.31	0.00
SDL-513	8.700	Brookings	Perennial	Big Sioux River	S_9_BO_020_DT	5, 8, 9, 10	non 5 TSS	HDD	29.32	0.00
SDL-513	8.732	Brookings	Perennial	Big Sioux River	S_9_BO_020_DT	5, 8, 9, 10	non 5 TSS	HDD	105.95	0.00
SDL-513	9.933	Brookings	Perennial	Tributary to Lake Campbell Outlet	S_9_BO_021_DT	9, 10	Not Determined	HDD	119.68	0.00
SDL-513	11.967	Brookings	Ephemeral	Tributary to Big Sioux River	S_9_BO_010_DT	9, 10	Not Determined	WOC	2.00	0.003
SDL-513	14.010	Brookings	Intermittent	Tributary to Battle Creek	S_9_BO_009_DT	9, 10	Not Determined	WOC	14.37	0.02
SDL-513	14.887	Lake	Intermittent	Tributary to Battle Creek	S_9_LA_537_DT	9, 10	Not Determined	WOC	13.92	0.02
SDL-513	15.201	Lake	Intermittent	Tributary to Battle Creek	S_9_LA_536_DT	9, 10	Not Determined	WOC	10.71	0.02
SDL-513	19.185	Lake	Ephemeral	Tributary to Battle Creek	S_10_LA_001_DT	9, 10	Not Determined	WOC	2.67	0.00
SDL-513	19.862	Lake	Perennial	Battle Creek	S_10_LA_002_DT	9, 10	Not Determined	WOC	21.67	0.04

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Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
SDL-513	22.431	Lake	Intermittent	Tributary to Battle Creek	S_9_LA_531_DT	9, 10	Not Determined	Bore	13.42	0.00
SDL-513	23.401	Lake	Intermittent	Tributary to Battle Creek	S_9_LA_530_DT	9, 10	Not Determined	Bore	16.07	0.00
SDL-513	27.188	Lake	Ephemeral	Tributary to Bachelor Creek	S_10_LA_004_DT	9, 10	Not Determined	WOC	12.60	0.02
SDL-513	29.381	Lake	Perennial	Bachelor Creek	S_9_LA_524_DT	9, 10	Not Determined	WOC	21.64	0.04
SDL-514	1.902	Grant	Perennial	Whetstone River	S_9_GR_002_DT	5, 8, 9, 10	all	HDD	119.95	0.00
SDL-514	4.303	Grant	Pond	Lake Albert	S_9_GR_003_DT	9, 10	Not Determined	HDD	399.60	0.00
SDL-514	7.538	Grant	Intermittent	Tributary to North Fork Yellow Bank River	S_9_GR_005_DT	9, 10	Not Determined	WOC	22.01	0.04
SDL-514	10.132	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_006_DT	9, 10	Not Determined	WOC	11.87	0.02
SDL-514	10.606	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_007_DT	9, 10	Not Determined	WOC	2.31	0.004
SDL-514	11.878	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_008_DT	9, 10	Not Determined	WOC	4.87	0.01
SDL-514	12.923	Grant	Perennial	North Fork Yellow Bank River	S_9_GR_009_DT	4, 8, 9, 10	non 8 <i>E. Coli</i>	HDD	46.22	0.00
SDL-514	12.952	Grant	Perennial	North Fork Yellow Bank River	S_9_GR_009_DT	4, 8, 9, 10	non 8 <i>E. Coli</i>	HDD	43.53	0.00
SDL-514	18.235	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_012_DT	9, 10	Not Determined	WOC	4.78	0.01
SDL-514	21.201	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_016_DT	9, 10	Not Determined	WOC	4.64	0.01
SDL-514	22.732	Grant	Intermittent	Tributary to North Fork Yellow Bank River	S_9_GR_018_DT	9, 10	Not Determined	WOC	25.41	0.05
SDL-514	23.837	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_020_DT	9, 10	Not Determined	WOC	5.99	0.01
SDL-514	24.262	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_022_DT	9, 10	Not Determined	WOC	6.02	0.01
SDL-514	24.574	Grant	Ephemeral	Tributary to North Fork Yellow Bank River	S_9_GR_840_DT	9, 10	Not Determined	WOC	4.79	0.01
SDL-514	29.394	Codington	Intermittent	Tributary to Willow Creek	S_9_CD_002_DT	9, 10	Not Determined	WOC	14.18	0.02
SDL-514	29.775	Codington	Intermittent	Tributary to Willow Creek	S_9_CD_003_DT	9, 10	Not Determined	WOC	14.38	0.02
SDL-514	30.384	Codington	Intermittent	Tributary to Willow Creek	S_9_CD_004_DT	9, 10	Not Determined	WOC	9.35	0.02
SDL-514	31.137	Codington	Intermittent	Tributary to Willow Creek	S_9_CD_005_DT	9, 10	Not Determined	WOC	6.21	0.01
SDL-514	31.603	Codington	Intermittent	Tributary to Willow Creek	S_9_CD_006_DT	9, 10	Not Determined	WOC	4.46	0.01
SDL-514	38.250	Codington	Ephemeral	Tributary to Willow Creek	S_9_CD_047_DT	9, 10	Not Determined	WOC	4.60	0.01
SDL-514	38.776	Codington	Perennial	Willow Creek	S_9_CD_012_DT	6, 8, 9, 10	non 8 DO non 8 <i>E. Coli</i>	Bore	22.73	0.00
SDL-514	39.954	Codington	Ephemeral	Tributary to Willow Creek	S_10_CD_013_DT	9, 10	Not Determined	WOC	5.21	0.01
SDL-514	42.355	Codington	Intermittent	Tributary to Willow Creek	S_10_CD_011_DT	9, 10	Not Determined	WOC	7.91	0.03
SDL-514	42.374	Codington	Intermittent	Tributary to Willow Creek	S_10_CD_011_DT	9, 10	Not Determined	WOC	6.21	0.01
SDL-514	42.425	Codington	Intermittent	Tributary to Willow Creek	S_10_CD_011_DT	9, 10	Not Determined	WOC	6.58	-- ⁶
SDL-514	42.502	Codington	Ephemeral	Tributary to Willow Creek	S_10_CD_010_DT	9, 10	Not Determined	WOC	6.12	0.01
SDL-514	43.410	Codington	Intermittent	Tributary to Big Sioux River	S_9_CD_026_DT	9, 10	Not Determined	WOC	2.15	0.004
SDL-514	45.106	Codington	Perennial	Tributary to Big Sioux River	S_9_CD_030_DT	9, 10	Not Determined	WOC	2.31	0.004
SDL-514	45.653	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_032_DT	9, 10	Not Determined	WOC	2.45	0.004
SDL-514	45.679	Codington	Intermittent	Tributary to Big Sioux River	S_9_CD_033_DT	9, 10	Not Determined	WOC	2.27	0.01
SDL-514	46.029	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_034_DT	9, 10	Not Determined	Bore	14.47	0.00
SDL-514	46.239	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_035_DT	9, 10	Not Determined	WOC	2.03	0.003
SDL-514	47.488	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_037_DT	9, 10	Not Determined	WOC	2.50	0.004
SDL-514	47.624	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_037_DT	9, 10	Not Determined	WOC	3.48	0.01
SDL-514	48.735	Codington	Ephemeral	Tributary to Big Sioux River	S_9_CD_039_DT	9, 10	Not Determined	WOC	4.67	0.01
SDL-514	49.324	Codington	Intermittent	Tributary to Big Sioux River	S_9_CD_040_DT	9, 10	Not Determined	WOC	6.94	0.01
SDL-514	50.542	Codington	Perennial	Big Sioux River	S_9_CD_041_DT	5, 8, 9, 10	non 8 <i>E. coli</i>	HDD	75.38	0.00
SDL-514	51.027	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_002_DT	9, 10	Not Determined	WOC	2.22	0.004
SDL-515	0.632	Brown	Ephemeral	Tributary to James River	S_10_BR_001_DT	9, 10	Not Determined	WOC	11.09	0.02
SDL-515	3.370	Brown	Intermittent	Tributary to James River	S_10_BR_002_DT	9, 10	Not Determined	WOC	12.66	0.02
SDL-515	10.167	Brown	Perennial	James River	S_9_BR_002_DT	5, 8, 9, 10	non 5, 8 DO	HDD	106.44	0.00

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SDL-515	11.511	Brown	Intermittent	Tributary to Moccasin Creek	S_9_BR_902_DT	9, 10	Not Determined	WOC	11.65	0.02
SDL-515	12.518	Brown	Intermittent	Tributary to Moccasin Creek	S_9_BR_003_DT	9, 10	Not Determined	WOC	24.78	0.04
SDL-515	12.840	Brown	Intermittent	Tributary to Moccasin Creek	S_9_BR_004_DT	9, 10	Not Determined	WOC	29.84	0.05
SDL-515	13.725	Brown	Intermittent	Tributary to Moccasin Creek	S_9_BR_005_DT	9, 10	Not Determined	WOC	12.50	0.02
SDL-515	20.114	Brown	Perennial	Moccasin Creek	S_9_BR_006_DT	6, 8, 9, 10	non 8 DO	Bore	125.34	0.00
SDL-515	20.139	Brown	Perennial	Moccasin Creek	S_9_BR_006_DT	6, 8, 9, 10	non 8 DO	Bore	61.09	0.00
SDL-515	25.819	Brown	Intermittent	Tributary to Snake Creek	S_9_BR_007_DT	9, 10	Not Determined	WOC	15.45	0.03
SDM-104	27.160	Lincoln	Perennial	Big Sioux River	S2008LI004	5, 7, 8, 9, 10	non 5 TSS non 7, 8 <i>E. coli</i>	HDD	92.66	0.00
SDM-104	27.965	Lincoln	Ephemeral	Tributary to Big Sioux River	S_10_LI_024_DT	9, 10	Not Determined	WOC	3.66	0.01
SDM-104	28.845	Lincoln	Ephemeral	Tributary to Big Sioux River	S_10_LI_025_DT	9, 10	Not Determined	WOC	3.28	0.01
SDM-104	35.507	Lincoln	Ephemeral	Tributary to Ninemile Creek	S_12_LI_001_DT	9, 10	Not Determined	Bore	3.84	0.00
SDM-104	36.481	Lincoln	Ephemeral	Tributary to Ninemile Creek	S2005LI047	9, 10	Not Determined	Bore	5.00	0.00
SDM-104	40.036	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_007_DT	9, 10	Not Determined	Bore	3.00	0.00
SDM-104	40.045	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_008_DT	9, 10	Not Determined	Bore	3.00	0.00
SDM-104	40.694	Lincoln	Intermittent	Tributary to Beaver Creek	S_10_LI_009_DT	9, 10	Not Determined	WOC	10.67	0.02
SDM-104	42.053	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_015_DT	9, 10	Not Determined	Bore	3.00	0.00
SDM-104	42.061	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_016_DT	9, 10	Not Determined	Bore	2.50	0.00
SDM-104	42.285	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_017_DT	9, 10	Not Determined	WOC	2.34	0.00
SDM-104	42.882	Lincoln	Intermittent	Tributary to Beaver Creek	S_10_LI_027_DT	9, 10	Not Determined	HDD	15.45	0.00
SDM-104	43.333	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_029_DT	9, 10	Not Determined	Bore	4.00	0.00
SDM-104	43.342	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_030_DT	9, 10	Not Determined	Bore	4.00	0.00
SDM-104	43.606	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_031_DT	9, 10	Not Determined	WOC	6.55	0.01
SDM-104	44.220	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_032_DT	9, 10	Not Determined	WOC	6.08	0.01
SDM-104	44.951	Lincoln	Ephemeral	Tributary to Beaver Creek	S2008LI008	9, 10	Not Determined	WOC	6.50	0.01
SDM-104	45.005	Lincoln	Ephemeral	Tributary to Beaver Creek	S_10_LI_033_DT	9, 10	Not Determined	WOC	7.87	0.01
SDM-104	45.485	Lincoln	Ephemeral	Tributary to Beaver Creek	S2008LI010	9, 10	Not Determined	Bore	2.00	0.00
SDM-104	45.496	Lincoln	Ephemeral	Tributary to Beaver Creek	S2008LI011	9, 10	Not Determined	Bore	2.00	0.00
SDM-104	45.599	Lincoln	Ephemeral	Tributary to Beaver Creek	S2008LI012	9, 10	Not Determined	WOC	8.89	0.02
SDM-104	47.852	Lincoln	Perennial	Tributary to Beaver Creek	S2005LI064	9, 10	Not Determined	WOC	4.00	0.01
SDM-104	49.481	Lincoln	Intermittent	Tributary to Beaver Creek	S2005LI060	9, 10	Not Determined	WOC	8.86	0.02
SDM-104	49.811	Lincoln	Ephemeral	Tributary to Beaver Creek	S2005LI061	9, 10	Not Determined	WOC	9.17	0.02
SDM-104	50.026	Lincoln	Ephemeral	Tributary to Beaver Creek	S2004LI035	9, 10	Not Determined	WOC	2.03	0.003
SDM-104	50.133	Lincoln	Intermittent	Beaver Creek	S2004LI036	9, 10	Not Determined	WOC	3.50	0.006
SDM-104	50.370	Lincoln	Ephemeral	Beaver Creek	S2004LI037	9, 10	Not Determined	WOC	2.50	0.004
SDM-104	50.525	Lincoln	Ephemeral	Tributary to Beaver Creek	S2004LI038	9, 10	Not Determined	WOC	1.02	0.003
SDM-104	50.980	Lincoln	Ephemeral	Tributary to Beaver Creek	S2005LI063	9, 10	Not Determined	Bore	5.00	0.00
SDM-104	50.989	Turner	Ephemeral	Tributary to Beaver Creek	S2005TU051	9, 10	Not Determined	Bore	3.00	0.00
SDM-104	51.056	Turner	Ephemeral	Tributary to Beaver Creek	S2005TU050	9, 10	Not Determined	Bore	3.00	0.00
SDM-104	52.099	Turner	Pond	Unnamed Pond	S_9_TU_060_DT	9, 10	Not Determined	WOC	32.21	0.05
SDM-104	53.435	Turner	Ephemeral	Tributary to Skunk Creek	S_9_TU_059_DT	9, 10	Not Determined	WOC	2.94	0.00
SDM-104	54.584	Minnehaha	Ephemeral	Tributary to Skunk Creek	S2008MN017	9, 10	Not Determined	WOC	10.00	0.02
SDM-104	54.769	Minnehaha	Ephemeral	Tributary to Skunk Creek	S2008MN017	9, 10	Not Determined	WOC	8.43	0.03
SDM-104	54.779	Minnehaha	Ephemeral	Tributary to Skunk Creek	S2008MN017	9, 10	Not Determined	WOC	5.77	-- ⁶
SDM-104	55.037	Minnehaha	Perennial	Tributary to Skunk Creek	S2005MN064	9, 10	Not Determined	WOC	7.96	0.02
SDM-104	58.403	Minnehaha	Ephemeral	Tributary to Skunk Creek	S2020MN002	9, 10	Not Determined	WOC	1.74	0.003

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SDM-104	62.211	Minnehaha	Ephemeral	Tributary to Skunk Creek	S2005MN068	9, 10	Not Determined	WOC	3.01	0.01
SDM-104	64.747	Minnehaha	Ephemeral	Tributary to Skunk Creek	S_9_MN_003_DT	9, 10	Not Determined	WOC	20.88	0.04
SDM-104	65.239	Minnehaha	Ephemeral	Tributary to Skunk Creek	S_9_MN_002_DT	9, 10	Not Determined	WOC	4.31	0.01
SDM-104	65.553	Minnehaha	Ephemeral	Tributary to Skunk Creek	S_9_MN_001_DT	9, 10	Not Determined	WOC	4.03	0.01
SDM-104	65.724	Minnehaha	Ephemeral	Tributary to Skunk Creek	S_9_MN_001_DT	9, 10	Not Determined	WOC	5.07	0.01
SDM-104	71.249	Minnehaha	Ephemeral	Tributary to West Branch Skunk Creek	S2005MN069	9, 10	Not Determined	WOC	1.63	0.01
SDM-104	77.325	Minnehaha	Ephemeral	West Branch Skunk Creek	S2002MI075	9, 10	Not Determined	WOC	2.65	0.00
SDM-104	81.253	Minnehaha	Ephemeral	Tributary to Buffalo Creek	S2006MN023	9, 10	Not Determined	WOC	5.44	0.003
SDM-104	85.345	Lake	Ephemeral	Tributary to North Buffalo Creek	S2008LA007	9, 10	Not Determined	Bore	3.87	0.00
SDM-104	85.354	Lake	Ephemeral	Tributary to North Buffalo Creek	S2008LA008	9, 10	Not Determined	Bore	3.87	0.00
SDM-104	87.342	Lake	Ephemeral	Tributary to North Buffalo Creek	S2003LA038	9, 10	Not Determined	WOC	5.28	0.01
SDM-104	89.459	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA013	9, 10	Not Determined	WOC	3.12	0.01
SDM-104	90.625	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA032	9, 10	Not Determined	WOC	1.00	0.002
SDM-104	91.417	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA031	9, 10	Not Determined	WOC	1.21	0.002
SDM-104	93.420	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2010LA015	9, 10	Not Determined	WOC	3.08	0.01
SDM-104	93.803	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA030	9, 10	Not Determined	WOC	4.02	0.004
SDM-104	94.482	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2013LA002	9, 10	Not Determined	WOC	4.69	0.01
SDM-104	95.064	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA027	9, 10	Not Determined	WOC	1.00	0.002
SDM-104	95.414	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA026	9, 10	Not Determined	WOC	1.06	0.003
SDM-104	95.534	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA026	9, 10	Not Determined	WOC	3.40	0.01
SDM-104	95.555	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA026	9, 10	Not Determined	WOC	1.80	-- ⁶
SDM-104	95.731	Lake	Intermittent	Tributary to East Fork Vermillion River	S2002LA025	9, 10	Not Determined	WOC	2.02	0.004
SDM-104	96.105	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA023	9, 10	Not Determined	WOC	1.54	0.003
SDM-104	97.420	Lake	Perennial	East Fork Vermillion River	S_9_LA_525_DT	6, 8, 9, 10	all	HDD	54.61	0.00
SDM-104	97.790	Lake	Ephemeral	Tributary to East Fork Vermillion River	S_9_LA_842_DT	9, 10	Not Determined	WOC	12.01	0.02
SDM-104	98.841	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA011	9, 10	Not Determined	WOC	10.23	0.01
SDM-104	98.905	Lake	Ephemeral	Tributary to East Fork Vermillion River	S2002LA012	9, 10	Not Determined	WOC	4.38	0.01
SDM-104	100.384	Lake	Natural Pond	Unnamed Pond	S2010LA016	9, 10	Not Determined	WOC	66.00	0.07
SDM-104	109.262	Miner	Intermittent	Tributary to West Fork Vermillion River	S2015MI005	9, 10	Not Determined	WOC	6.44	0.01
SDM-104	112.874	Miner	Ephemeral	Tributary to West Fork Vermillion River	S2014MI005	9, 10	Not Determined	WOC	8.29	0.03
SDM-104	121.387	Kingsbury	Ephemeral	Tributary to Rock Creek	S2006KI034	9, 10	Not Determined	WOC	1.31	0.002
SDM-104	124.442	Kingsbury	Intermittent	Rock Creek	S_12_KI_004_DT	9, 10	Not Determined	Bore	10.39	0.00
SDM-104	124.637	Kingsbury	Intermittent	Tributary to Rock Creek	S_12_KI_005_DT	9, 10	Not Determined	WOC	11.51	0.02
SDM-104	127.084	Kingsbury	Ephemeral	Tributary to Redstone Creek	S2014KI007	9, 10	Not Determined	WOC	9.79	0.02
SDM-104	128.185	Kingsbury	Ephemeral	Tributary to Redstone Creek	S2005KI017	9, 10	Not Determined	WOC	4.52	0.01
SDM-104	129.506	Kingsbury	Intermittent	Tributary to Redstone Creek	S2015KI006	9, 10	Not Determined	WOC	5.29	0.02
SDM-104	129.910	Kingsbury	Perennial	Redstone Creek	S2005KI018	9, 10	Not Determined	Bore	53.38	0.00
SDM-104	131.413	Kingsbury	Ephemeral	Tributary to Redstone Creek	S2015KI007	9, 10	Not Determined	WOC	2.00	0.003
SDM-104	140.608	Kingsbury	Ephemeral	Tributary to South Fork Pearl Creek	S2015KI030	9, 10	Not Determined	WOC	3.11	0.01
SDM-104	143.333	Kingsbury	Natural Pond	Unnamed Pond	S2014KI008	9, 10	Not Determined	WOC	68.85	0.09
SDM-104	148.785	Beadle	Ephemeral	Tributary to Middle Pearl Creek	S2015BE008	9, 10	Not Determined	WOC	7.52	0.01
SDM-104	149.752	Beadle	Ephemeral	Tributary to Pearl Creek	S2015BE009	9, 10	Not Determined	WOC	8.01	0.01
SDM-104	150.358	Beadle	Ephemeral	Tributary to Pearl Creek	S2015BE010	9, 10	Not Determined	WOC	9.94	0.02
SDM-104	150.583	Beadle	Natural Pond	Pearl Creek	S2015BE011	9, 10	Not Determined	HDD	20.78	0.00
SDM-104	152.559	Beadle	Ephemeral	Tributary to Pearl Creek	S2014BE009	9, 10	Not Determined	WOC	4.17	0.01
SDM-105	3.067	Beadle	Perennial	Shue Creek	S2022BE002	9, 10	Not Determined	Bore	13.30	0.00

Appendix 14: Table A - Waterbody Crossings

Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
SDM-105	4.297	Beadle	Perennial	Tributary to Shue Creek	S2022BE003	9, 10	Not Determined	WOC	34.32	0.04
SDM-105	15.120	Spink	Intermittent	Foster Creek	S2007SP007	9, 10	Not Determined	WOC	51.56	0.07
SDM-105	18.685	Spink	Ephemeral	Tributary to Timber Creek	S2007SP005	9, 10	Not Determined	WOC	6.45	0.01
SDM-105	18.984	Spink	Ephemeral	Tributary to Timber Creek	S2007SP004	9, 10	Not Determined	WOC	26.29	0.04
SDM-105	20.259	Spink	Ephemeral	Tributary to Timber Creek	S2007SP031	9, 10	Not Determined	WOC	3.00	0.01
SDM-105	31.698	Spink	Perennial	Timber Creek	S2023SP020	9, 10	Not Determined	HDD	76.53	0.00
SDM-105	40.218	Spink	Ephemeral	Tributary to Dry Run	S2004SP008	9, 10	Not Determined	WOC	4.04	0.01
SDM-105	41.344	Spink	Perennial	Dry Run	S3112SP002	9, 10	Not Determined	WOC	82.05	0.14
SDM-105	50.158	Spink	Perennial	James River	S_9_SP_997_DT	5, 8, 9, 10	non 5, 8 DO	HDD	68.70	0.00
SDM-105	52.002	Spink	Intermittent	Tributary to James River	S_9_SP_558_DT	9, 10	Not Determined	WOC	2.01	0.004
SDM-105	52.368	Spink	Ephemeral	Tributary to James River	S_9_SP_559_DT	9, 10	Not Determined	WOC	3.74	0.01
SDM-105	58.479	Spink	Perennial	Snake Creek	S_9_SP_560_DT	9, 10	Not Determined	WOC	60.61	0.02
SDM-105	61.490	Spink	Perennial	Snake Creek	S_9_SP_561_DT	9, 10	Not Determined	HDD	94.03	0.00
SDM-105	67.296	Spink	Ephemeral	Tributary to Snake Creek	S_9_SP_564_DT	9, 10	Not Determined	WOC	18.45	0.02
SDM-105	67.557	Spink	Intermittent	Tributary to Snake Creek	S_9_SP_565_DT	9, 10	Not Determined	WOC	2.02	0.004
SDM-105	78.228	Brown	Perennial	Snake Creek	S2001BR008	9, 10	Not Determined	WOC	17.82	0.03
SDM-105	87.304	Edmunds	Ephemeral	Tributary to Snake Creek	S2014ED027	9, 10	Not Determined	Bore	4.01	0.00
SDM-105	87.314	Edmunds	Ephemeral	Tributary to Snake Creek	S2014ED028	9, 10	Not Determined	Bore	4.01	0.00
SDM-105	100.749	Edmunds	Intermittent	Tributary to Snake Creek	S2014ED031	9, 10	Not Determined	WOC	11.60	0.03
SDM-105	101.358	Edmunds	Intermittent	Tributary to Snake Creek	S2014ED029	9, 10	Not Determined	Bore	16.18	0.00
SDM-105	102.327	McPherson	Ephemeral	Tributary to Snake Creek	S2001MP016	9, 10	Not Determined	WOC	4.04	0.01
SDM-105	104.158	McPherson	Ephemeral	Tributary to Snake Creek	S2014MP035	9, 10	Not Determined	WOC	17.31	0.03
SDM-105	104.416	McPherson	Intermittent	Tributary to Snake Creek	S2014MP034	9, 10	Not Determined	WOC	45.67	0.12
SDM-105	104.580	McPherson	Intermittent	Tributary to Snake Creek	S_2_MP_073_DT	9, 10	Not Determined	WOC	62.16	0.06
SDM-105	104.588	McPherson	Intermittent	Tributary to Snake Creek	S2014MP033	9, 10	Not Determined	WOC	43.70	0.03
SDM-105	106.358	McPherson	Ephemeral	Tributary to Snake Creek	S2001MP102	9, 10	Not Determined	WOC	4.04	0.01
SDM-105	110.885	McPherson	Ephemeral	Tributary to Snake Creek	S3919MP005	9, 10	Not Determined	WOC	9.89	0.02
SDM-105	112.713	McPherson	Intermittent	Tributary to Snake Creek	S_9_MP_015_DT	9, 10	Not Determined	WOC	18.47	0.03
SDT-206	3.354	Lake	Natural Pond	Brant Lake	S2015LA002	4, 7, 8, 9	all	HDD	264.73	0.00
SDT-206	3.407	Lake	Open Water	Round Lake	S_2_LA_007_DT	9, 10	Not Determined	HDD	187.17	0.00
SDT-206	3.582	Lake	Natural Pond	Unnamed Pond	S2006LA030	9, 10	Not Determined	HDD	381.39	0.00
SDT-206	4.746	Lake	Ephemeral	Tributary to Franklin Creek	S2006LA031	9, 10	Not Determined	WOC	11.67	0.02
SDT-206	5.491	Lake	Intermittent	Franklin Creek	S2015LA004	9, 10	Not Determined	WOC	10.32	0.03
SDT-206	7.722	Lake	Ephemeral	Tributary to North Buffalo Creek	S2005LA073	9, 10	Not Determined	WOC	1.34	0.002
SDT-206	14.279	Lake	Intermittent	Tributary to North Buffalo Creek	S2005LA070	9, 10	Not Determined	WOC	1.04	0.003
SDT-207	0.188	Beadle	Perennial	Tributary to James River	S2005BE025	9, 10	Not Determined	Bore	4.03	0.00
SDT-207	2.220	Beadle	Ephemeral	Tributary to James River	S2002BE077	9, 10	Not Determined	Bore	5.00	0.00
SDT-207	3.935	Beadle	Ephemeral	Tributary to James River	S2005BE021	9, 10	Not Determined	Bore	4.00	0.00
SDT-207	4.306	Beadle	Ephemeral	Tributary to James River	S2005BE022	9, 10	Not Determined	WOC	7.09	0.01
SDT-207	10.632	Beadle	Intermittent	Tributary to James River	S2007BE029	9, 10	Not Determined	HDD	12.75	0.00
SDT-207	11.165	Beadle	Perennial	James River	S2008BE002	1, 5, 8, 9, 10	non 1 TDS non 5, 8 DO	HDD	1996.67	0.00
SDT-207	11.769	Beadle	Ephemeral	Tributary to James River	S2008BE003	9, 10	Not Determined	Bore	5.51	0.00
SDT-207	11.779	Beadle	Ephemeral	Tributary to James River	S2008BE004	9, 10	Not Determined	Bore	5.50	0.00
SDT-207	12.160	Beadle	Ephemeral	Tributary to James River	S2008BE005	9, 10	Not Determined	WOC	8.08	0.01
SDT-207	18.014	Beadle	Perennial	Shue Creek	S2005BE020	9, 10	Not Determined	Bore	70.99	0.00

Appendix 14: Table A - Waterbody Crossings

Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
SDT-207	22.268	Beadle	Ephemeral	Tributary to Pearl Creek	S2002BE082	9, 10	Not Determined	Bore	4.02	0.00
SDT-208	0.147	Codington	Perennial	Big Sioux River	S2015CD033	5, 8, 9, 10	non 8 <i>E. coli</i>	HDD	251.71	0.00
SDT-208	0.180	Codington	Perennial	Big Sioux River	S3112CO003	5, 8, 9, 10	non 8 <i>E. coli</i>	HDD	64.19	0.00
SDT-208	0.720	Codington	Perennial	Big Sioux River	S3112CO003	5, 8, 9, 10	non 8 <i>E. coli</i>	HDD	52.97	0.00
SDT-208	2.100	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_007_DT	9, 10	Not Determined	WOC	9.66	0.02
SDT-208	2.269	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_006_DT	9, 10	Not Determined	WOC	2.48	0.004
SDT-208	2.332	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_005_DT	9, 10	Not Determined	WOC	3.20	0.004
SDT-208	2.370	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_004_DT	9, 10	Not Determined	WOC	4.87	0.01
SDT-208	3.128	Codington	Ephemeral	Tributary to Big Sioux River	S_10_CD_003_DT	9, 10	Not Determined	WOC	3.57	0.01
SDT-208	9.454	Codington	Perennial	Tributary to Big Sioux River	S2014CD023	9, 10	Not Determined	WOC	29.64	0.03
SDT-208	11.580	Codington	Ephemeral	Tributary to Big Sioux River	S2006CD016	9, 10	Not Determined	WOC	19.05	-- ⁶
SDT-208	11.586	Codington	Ephemeral	Tributary to Big Sioux River	S2006CD016	9, 10	Not Determined	WOC	23.56	0.01
SDT-208	12.540	Codington	Intermittent	Tributary to Big Sioux River	S2014CD025	9, 10	Not Determined	WOC	9.65	0.02
SDT-208	13.031	Codington	Ephemeral	Tributary to Big Sioux River	S2006CD015	9, 10	Not Determined	WOC	4.06	0.01
SDT-208	18.630	Hamlin	Ephemeral	Tributary to Big Sioux River	S2006HA013	9, 10	Not Determined	WOC	24.08	0.03
SDT-208	19.390	Hamlin	Ephemeral	Tributary to Big Sioux River	S2006HA014	9, 10	Not Determined	WOC	3.01	0.01
SDT-208	20.199	Hamlin	Ephemeral	Tributary to Big Sioux River	S2014HA018	9, 10	Not Determined	WOC	2.06	0.004
SDT-208	20.743	Hamlin	Ephemeral	Tributary to Big Sioux River	S2014HA019	9, 10	Not Determined	WOC	23.23	0.04
SDT-208	23.669	Hamlin	Natural Pond	Unnamed Pond	S2014HA022	9, 10	Not Determined	WOC	49.47	0.09
SDT-208	25.719	Hamlin	Ephemeral	Tributary to Redstone Creek	S2015HA042	9, 10	Not Determined	WOC	2.09	0.002
SDT-208	26.942	Hamlin	Intermittent	Tributary to Redstone Creek	S2015HA032	9, 10	Not Determined	WOC	3.14	0.01
SDT-208	28.757	Clark	Natural Pond	Unnamed Pond	S2002CL059	9, 10	Not Determined	WOC	153.76	0.28
SDT-208	30.701	Clark	Natural Pond	Unnamed Pond	S2014CL017	9, 10	Not Determined	HDD	269.04	0.00
SDT-208	30.735	Clark	Natural Pond	Unnamed Pond	S2014CL016	9, 10	Not Determined	HDD	119.29	0.00
SDT-208	30.776	Clark	Natural Pond	Unnamed Pond	S2014CL016	9, 10	Not Determined	HDD	7.20	0.00
SDT-208	33.032	Clark	Intermittent	Tributary to Redstone Creek	S2006CL012	9, 10	Not Determined	WOC	13.16	0.02
SDT-208	37.138	Clark	Intermittent	Tributary to Redstone Creek	S2004CL028	9, 10	Not Determined	WOC	18.10	0.03
SDT-208	40.767	Clark	Ephemeral	Tributary to Redstone Creek	S2004CL030	9, 10	Not Determined	WOC	2.81	0.002
SDT-208	41.445	Clark	Natural Pond	Unnamed Pond	S2006CL039	9, 10	Not Determined	HDD	288.78	0.00
SDT-208	44.840	Clark	Ephemeral	Redstone Creek	S2006CL026	9, 10	Not Determined	Bore	1.04	0.00
SDT-208	47.743	Clark	Ephemeral	Tributary to Pearl Creek	S2006CL037	9, 10	Not Determined	WOC	1.21	0.00
SDT-208	47.850	Clark	Ephemeral	Tributary to Pearl Creek	S2006CL038	9, 10	Not Determined	WOC	2.00	0.003
SDT-208	49.771	Beadle	Ephemeral	Tributary to Pearl Creek	S2002BE058	9, 10	Not Determined	WOC	2.64	0.00
SDT-208	50.500	Beadle	Ephemeral	Tributary to Pearl Creek	S2006BE035	9, 10	Not Determined	WOC	1.02	0.002
SDT-208	50.792	Beadle	Ephemeral	Tributary to Pearl Creek	S2006BE036	9, 10	Not Determined	WOC	1.56	0.003
SDT-209	0.983	Spink	Ephemeral	Tributary to James River	S_9_SP_847_DT	9, 10	Not Determined	WOC	5.29	0.01
SDT-209	1.445	Spink	Perennial	James River	S_9_SP_557_DT	5, 8, 9, 10	non 5, 8 DO	HDD	114.03	0.00
SDT-209	9.866	Spink	Perennial	Dry Run	S2015SP017	9, 10	Not Determined	HDD	99.28	0.00
SDT-209	11.669	Spink	Ephemeral	Tributary to Dry Run	S2015SP016	9, 10	Not Determined	WOC	4.00	0.01
SDT-210	6.421	Brown	Intermittent	Tributary to Snake Creek	S2015BR022	9, 10	Not Determined	Bore	78.71	0.00
SDT-210	6.875	Brown	Ephemeral	Tributary to Snake Creek	S_12_BR_002_DT	9, 10	Not Determined	Bore	5.00	0.00
SDT-210	6.882	Brown	Ephemeral	Tributary to Snake Creek	S_12_BR_003_DT	9, 10	Not Determined	Bore	5.00	0.00
SDT-210	9.099	Brown	Intermittent	Snake Creek	S_12_BR_004_DT	9, 10	Not Determined	WOC	7.18	0.02
SDT-212	0.253	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_10_TU_002_DT	9, 10	Not Determined	WOC	4.03	0.01
SDT-212	1.091	Turner	Perennial	West Fork Vermillion River	S_10_TU_005_DT	6, 8, 9, 10	non 8 <i>E. coli</i>	Bore	54.98	0.00
SDT-212	1.511	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_10_TU_006_DT	9, 10	Not Determined	Bore	7.05	0.00

Appendix 14: Table A - Waterbody Crossings

Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
SDT-212	1.736	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_10_TU_007_DT	9, 10	Not Determined	WOC	10.13	0.02
SDT-212	1.830	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_10_TU_008_DT	9, 10	Not Determined	WOC	5.25	0.01
SDT-212	2.107	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_10_TU_010_DT	9, 10	Not Determined	WOC	3.02	0.004
SDT-212	3.552	Turner	Ephemeral	Tributary to West Fork Vermillion River	S_9_TU_014_DT	9, 10	Not Determined	Bore	52.74	0.00
SDT-212	4.922	Turner	Intermittent	Tributary to West Fork Vermillion River	S_9_TU_019_DT	9, 10	Not Determined	Bore	11.62	0.00
SDT-212	5.811	Turner	Intermittent	Tributary to East Fork Vermillion River	S_9_TU_009_DT	9, 10	Not Determined	Bore	19.76	0.00
SDT-212	8.939	Turner	Perennial	East Fork Vermillion River	S_9_TU_010_DT	9, 10	Not Determined	HDD	94.13	0.00
SDT-212	10.137	Turner	Perennial	Elce Creek	S_9_TU_038_DT	9, 10	Not Determined	Bore	18.78	0.00
SDT-212	11.243	Turner	Ephemeral	Tributary to Camp Creek	S_9_TU_012_DT	9, 10	Not Determined	Bore	24.40	0.00
SDT-212	13.161	Turner	Perennial	Long Creek	S_9_TU_054_DT	9, 10	Not Determined	Bore	18.51	0.00
SDT-212	13.832	Turner	Intermittent	Tributary to Long Creek	S3112TU003	9, 10	Not Determined	Bore	4.75	0.00
SDT-409	0.059	Turner	Manmade Pond	Unnamed Pond	S_9_TU_062_DT	9, 10	Not Determined	WOC	41.26	0.05
SDT-409	1.238	Turner	Intermittent	Long Creek	S_9_TU_055_DT	9, 10	Not Determined	Bore	29.03	0.00
SDT-409	2.433	Lincoln	Intermittent	Tributary to Long Creek	S_9_LI_007_DT	9, 10	Not Determined	WOC	66.17	0.14
SDT-409	3.009	Lincoln	Ephemeral	Tributary to Long Creek	S_9_TU_064_DT	9, 10	Not Determined	WOC	12.28	0.02
SDT-409	3.099	Lincoln	Ephemeral	Tributary to Long Creek	S_9_TU_065_DT	9, 10	Not Determined	WOC	12.28	0.02
SDT-409	3.546	Lincoln	Intermittent	Tributary to Long Creek	S_9_LI_006_DT	9, 10	Not Determined	WOC	10.02	0.02
SDT-409	5.403	Lincoln	Ephemeral	Tributary to Long Creek	S_10_LI_021_DT	9, 10	Not Determined	WOC	3.01	0.01
SDT-409	6.462	Lincoln	Perennial	Beaver Creek	S_10_LI_019_DT	9, 10	Not Determined	WOC	30.55	0.05
SDT-409	7.836	Lincoln	Ephemeral	Tributary to Beaver Creek	S2008LI012	9, 10	Not Determined	WOC	8.89	-- ⁶
SDT-410	0.670	Davison	Perennial	Dry Run	S_9_DV_005_DT	9, 10	Not Determined	Bore	26.86	0.00
SDT-410	2.090	Davison	Intermittent	Tributary to Dry Run	S_9_DV_026_DT	9, 10	Not Determined	Bore	9.72	0.00
SDT-410	4.849	Davison	Intermittent	Tributary to James River	S_12_DV_001_DT	9, 10	Not Determined	WOC	5.05	0.01
SDT-410	7.358	Sanborn	Perennial	James River	S_9_DV_033_DT	5, 8, 9, 10	non 5 TSS	HDD	159.27	0.00
SDT-410	12.669	Sanborn	Ephemeral	Tributary to James River	S_10_SN_003_DT	9, 10	Not Determined	WOC	5.32	0.01
SDT-410	15.882	Sanborn	Intermittent	Dry Run	S_9_SN_003_DT	9, 10	Not Determined	Bore	11.87	0.00
SDT-410	20.218	Sanborn	Intermittent	Jim Creek	S_10_SN_002_DT	9, 10	Not Determined	WOC	26.25	0.05
SDT-410	24.267	Miner	Intermittent	Jim Creek	S_10_MR_010_DT	9, 10	Not Determined	Bore	12.95	0.00
SDT-410	26.192	Miner	Intermittent	Tributary to Jim Creek	S_9_MR_010_DT	9, 10	Not Determined	Bore	7.45	0.00
SDT-410	26.428	Miner	Ephemeral	Tributary to Jim Creek	S_10_MR_001_DT	9, 10	Not Determined	WOC	4.28	0.01
SDT-410	29.385	Miner	Intermittent	Pooley Creek	S_9_MR_088_DT	9, 10	Not Determined	Bore	5.01	0.00
SDT-410	29.856	Miner	Intermittent	Pooley Creek	S_9_MR_005_DT	9, 10	Not Determined	Bore	40.91	0.00
SDT-410	30.813	Miner	Intermittent	Pooley Creek	S_9_MR_004_DT	9, 10	Not Determined	Bore	35.41	0.00
SDT-410	33.209	Miner	Perennial	Rock Creek	S_9_MR_003_DT	9, 10	Not Determined	Bore	12.65	0.00
SDT-410	35.235	Miner	Ephemeral	Tributary to Rock Creek	S_10_MR_012_DT	9, 10	Not Determined	WOC	7.67	0.01
SDT-410	35.776	Miner	Manmade Pond	Unnamed Pond	S_10_MR_001_DT	9, 10	Not Determined	Bore	30.94	0.00
SDT-410	35.776	Miner	Ephemeral	Tributary to Rock Creek	S_11_MR_013_DT	9, 10	Not Determined	Bore	3.22	0.00
SDT-410	35.782	Miner	Manmade Pond	Unnamed Pond	S_10_MR_001_DT	9, 10	Not Determined	Bore	32.34	0.00
SDT-410	37.917	Miner	Ephemeral	Tributary to Rock Creek	S_10_MR_005_DT	9, 10	Not Determined	Bore	1.47	0.00
SDT-410	38.132	Miner	Ephemeral	Tributary to Rock Creek	S_10_MR_007_DT	9, 10	Not Determined	Bore	1.14	0.00
SDT-410	41.445	Miner	Intermittent	West Fork Vermillion River	S_9_MR_002_DT	9, 10	Not Determined	Bore	2.28	0.00
SDT-410	41.992	Miner	Intermittent	Tributary to West Fork Vermillion River	S_9_MR_001_DT	9, 10	Not Determined	Bore	20.59	0.00
SDT-411	3.457	Kingsbury	Intermittent	Tributary to East Fork Vermillion River	S_9_KI_844_DT	9, 10	Not Determined	WOC	11.99	0.02
SDT-411	4.342	Kingsbury	Intermittent	Tributary to East Fork Vermillion River	S_9_KI_013_DT	9, 10	Not Determined	WOC	9.42	0.02
SDT-411	9.516	Kingsbury	Open Water	Lake Henry	S_10_KI_001_DT	6, 8, 9, 10	non 6 MeHg non 6 pH	HDD	1010.18	0.00

Appendix 14: Table A - Waterbody Crossings

Route ID	Milepost	County	Feature Type	Feature Name	Feature ID	Beneficial Use ^{1,2}	Use Support ³	Crossing Method ⁴	Crossing Length (ft) ⁵	Construction Impacts (acres)
SDT-411	10.247	Kingsbury	Intermittent	Tributary to East Fork Vermillion River	S_9_KI_007_DT	9, 10	Not Determined	WOC	54.70	0.07
SDT-411	14.618	Kingsbury	Ephemeral	Tributary to Rock Creek	S_9_KI_996_DT	9, 10	Not Determined	WOC	28.23	0.04
SDT-411	15.237	Kingsbury	Intermittent	Rock Creek	S_9_KI_006_DT	9, 10	Not Determined	Bore	26.96	0.00
SDT-411	15.933	Kingsbury	Ephemeral	Tributary to Rock Creek	S_9_KI_005_DT	9, 10	Not Determined	WOC	6.26	0.01
SDT-411	19.492	Kingsbury	Ephemeral	Tributary to Redstone Creek	S_9_KI_003_DT	9, 10	Not Determined	HDD	32.24	0.00
SDT-411	19.533	Kingsbury	Ephemeral	Tributary to Redstone Creek	S_9_KI_003_DT	9, 10	Not Determined	HDD	56.13	0.00
SDT-411	19.585	Kingsbury	Ephemeral	Tributary to Redstone Creek	S_9_KI_003_DT	9, 10	Not Determined	HDD	139.65	0.00
SDT-411	19.665	Kingsbury	Ephemeral	Tributary to Redstone Creek	S_9_KI_002_DT	9, 10	Not Determined	HDD	25.56	0.00
SDT-411	19.758	Kingsbury	Perennial	Redstone Creek	S_9_KI_001_DT	9, 10	Not Determined	HDD	70.09	0.00

¹ Beneficial Uses Are: (1) Domestic water supply waters; (2) Coldwater permanent fish life propagation waters; (3) Coldwater marginal fish life propagation waters; (4) Warmwater permanent fish life propagation waters; (5) Warmwater semipermanent fish life propagation waters; (6) Warmwater marginal fish life propagation waters; (7) Immersion recreation waters; (8) Limited-contact recreation waters; (9) Fish and wildlife propagation, recreation, and stock watering waters; (10) Irrigation waters; and (11) Commerce and industry waters.

² All streams in South Dakota are assigned beneficial uses (9) Fish wildlife propagation, recreation, and stock watering and (10) Irrigation waters. (<https://www.epa.gov/sites/default/files/2014-12/documents/sd-streams.pdf>) All lakes in South Dakota are assigned beneficial use (9) Fish wildlife propagation, recreation, and stock watering (<https://sdlegislature.gov/Rules/Administrative/74:51:02:01>)

³ All = all uses are supported. Non support criteria: *E. coli* = *Escherichia coli*, TDS = Total Dissolved Solids, DO = Dissolved Oxygen, TSS = Total Suspended Solids; MeHg = Mercury found in fish tissue; pH = pH; Not Determined = Use support is not determined

⁴ Crossing methods HDD = Horizontal Directional Drilling, WOC = Wet Open Cut, Bore

⁵ Crossing length is at centerline crossing of the waterbody

⁶ "-" indicates a wetland or waterbody crossed more than once by the centerline which impacts were duplicated and therefore not included.