

Appendix D

Hydrographic Units within the Water Resources Analysis Area

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Table D-1 Hydrographic Units within the Water Resources Analysis Area

Basin¹ (HUC06)	Watershed (HUC10)	Subwatershed² (HUC12)	HUC12	Analysis Area Acreage	Acres within CCPA
Cheyenne River	Sand Creek	7 - Upper Sand Creek	101201010101	37,820	37,796
		8 - Middle Sand Creek	101201010102	32,427	32,405
		9 - Stinking Water Creek	101201010103	22,472	22,456
		11 - Lower Sand Creek	101201010104	29,137	15,648
		10 - North Fork Bear Creek	101201010105	34,305	34,281
		12 - Bear Creek	101201010106	34,061	33,065
	Upper Antelope Creek	6 - Bull Gulch-Antelope Creek	101201010201	43,860	41,734
		1 - Upper Wind Creek	101201010202	31,951	22,842
		2 - Lower Wind Creek	101201010203	31,526	24,435
		5 - Jenson Number 1 Reservoir-Antelope Creek	101201010204	40,592	29,881
		3 - Ninemile Creek	101201010205	41,799	10,770
		4 - Lower Bates Creek	101201010207	25,584	2,783
	Upper Dry Fork Cheyenne River	24 - South Fork Dry Fork Cheyenne River-Dry Fork Cheyenne	101201020101	26,159	26,142
		23 - North Fork Dry Fork Cheyenne River	101201020102	19,557	19,544
		22 - Brown Springs Creek-Dry Fork Cheyenne River	101201020103	36,012	35,987
		21 - Ray Draw-Dry Fork Cheyenne River	101201020104	20,072	20,057
		26 - Skunk Creek	101201020105	42,887	42,856
		25 - Duck Creek	101201020106	26,540	26,521
	Lower Dry Fork Cheyenne River	20 - Alta Creek-Dry Fork Cheyenne River	101201020201	28,657	28,635
		13 - Dugout Creek-Dry Fork Cheyenne River	101201020202	40,233	39,414
		14 - Woody Creek-Dry Fork Cheyenne River	101201020203	35,377	20,183
		15 - Barker Draw	101201020204	20,154	20,139
		16 - Lake Creek	101201020205	20,872	14,157
	Lightning Creek	34 - Headwaters Lightning Creek	101201050101	20,528	20,512
		35 - Little Lightning Creek	101201050102	19,727	19,711
		32 - Upper Lightning Creek	101201050103	34,886	34,859

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Basin¹ (HUC06)	Watershed (HUC10)	Subwatershed² (HUC12)	HUC12	Analysis Area Acreage	Acres within CCPA
		28 - North Fork Box Creek	101201050104	23,548	23,531
		33 - South Fork Box Creek	101201050105	15,315	15,304
		29 - Upper Box Creek	101201050106	35,586	35,559
		30 - Lower Box Creek	101201050107	27,078	26,322
		31 - Middle Lightning Creek	101201050108	19,561	6,462
	Dry Creek	27 - Headwaters Dry Creek	101201050201	25,121	25,102
		19 - Upper Dry Creek	101201050202	35,809	35,781
		18 - Middle Dry Creek	101201050203	35,875	34,975
		17 - Lower Dry Creek	101201050204	39,142	4,591
	Walker Creek	36 - Upper Walker Creek	101201050301	41,634	41,601
		38 - Middle Walker Creek	101201050302	38,874	38,844
		37 - Willow Creek	101201050303	16,447	16,434
		39 - Lower Walker Creek	101201050304	30,783	5,133
	Twentymile Creek	42 - Upper Twentymile Creek	101201050401	37,863	37,586
		41 - Harney Creek	101201050402	19,793	9,214
40 - Middle Twentymile Creek		101201050403	37,368	10,381	
North Platte River	Sand Spring Creek	57 - Sand Springs-Sand Spring Creek	101800070801	44,259	2,299
		56 - Jim Hill Draw	101800070803	12,658	6,426
	Sand Creek- North Platte River	60 - Mountain Home Number 1 Reservoir-North Platte River	101800070901	32,132	4,009
		55 - Upper Cole Creek	101800070902	18,485	12,078
		58 - Middle Cole Creek	101800070903	15,864	5,777
		59 - Lower Cole Creek	101800070904	40,490	18,570
		62 - Dry Creek-North Platte River	101800070905	27,486	6,258
		54 - Upper Sand Creek	101800070906	29,327	29,308
		63 - Lower Sand Creek	101800070907	22,505	20,883
		64 - Little Sand Creek-North Platte River	101800070908	22,461	15,269
		65 - Spring Canyon Creek-North Platte River	101800070909	32,947	7,963
50 - Fetterman Creek-North Platte River	101800070910	20,121	19,666		

Table D-1 Hydrographic Units within the Water Resources Analysis Area

Basin¹ (HUC06)	Watershed (HUC10)	Subwatershed² (HUC12)	HUC12	Analysis Area Acreage	Acres within CCPA	
	Deer Creek	61 - Lower Deer Creek	101800071004	25,141	36	
	Sage Creek	53 - Upper Sage Creek	101800071201	37,972	37,946	
		52 - Middle Sage Creek	101800071202	33,984	33,959	
		51 - Lower Sage Creek	101800071203	23,312	22,830	
	La Prele Creek	66 - Lower La Prele Creek	101800071303	34,532	4,978	
	Antelope Creek-North Platte River	48 - Fivemile Creek-North Platte River	101800080101	38,706	28,431	
		49 - 101800080102	101800080102	18,029	18,015	
		47 - Antelope Creek	101800080103	27,632	26,694	
		67 - Miller Draw-North Platte River	101800080104	30,017	8,730	
	Glendo Reservoir-North Platte River	68 - Sand Creek-North Platte River	101800080401	34,488	5,413	
		69 - Sand Creek	101800080402	18,963	18,794	
		70 - Indian Creek-North Platte River	101800080403	42,117	3,664	
	Shawnee Creek	46 - West Fork Shawnee Creek	101800080501	40,646	40,615	
		45 - East Fork Shawnee Creek	101800080502	14,280	14,269	
		71 - Bobcat Hill-Shawnee Creek	101800080503	22,471	19,555	
	Lost Creek	43 - Upper Lost Creek	101800080601	16,948	5,660	
		44 - Middle Lost Creek	101800080602	29,667	7,779	
		72 - Lower Lost Creek	101800080603	26,530	1,880	
	Powder River	Dry Fork Powder River	73 - Headwaters Dry Fork Powder River	100902020201	24,677	1,436
		Upper Salt Creek	75 - Bobcat Creek-Salt Creek	100902040101	36,135	8,557
			74 - Big Bull Cedar Creek-Salt Creek	100902040102	35,766	1,007
Grand Total				2,207,740	1,502,387	

¹ Entire analysis area falls within the HUC02 Missouri River Region.

² Numbers preceding subwatershed name are the reference numbers for **Figure 3.18-12**.

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
Cheyenne River	20 - Alta Creek-Dry Fork Cheyenne River	Alta Creek	-	4	-	-
		Dry Fork Cheyenne River	-	10	-	-
		Duck Creek	-	<1	-	-
		Unnamed	<1	156	85	-
	15 - Barker Draw	Unnamed	-	119	62	-
	12 - Bear Creek	Bear Creek	-	20	-	2
		Lonetree Creek	-	11	-	-
		North Fork Bear Creek	-	<1	-	-
		Sand Creek	-	<1	-	-
		South Fork Bear Creek	-	<1	-	-
		Unnamed	-	168	-	2
	22 - Brown Springs Creek-Dry Fork Cheyenne River	Brown Springs Creek	-	<1	-	-
		Dry Fork Cheyenne River	-	13	-	-
		Phillips Creek	-	15	-	-
		Unnamed	-	186	17	-
	6 - Bull Gulch-Antelope Creek	Antelope Creek	13	20	-	-
		Unnamed	2	260	-	-
	25 - Duck Creek	Brush Creek	-	9	-	-
		Duck Creek	-	27	-	-
		Skunk Creek	-	<1	-	-
		Unnamed	-	106	9	-
	13 - Dugout Creek-Dry Fork Cheyenne River	Alta Creek	-	<1	-	-
		Dry Fork Cheyenne River	-	14	-	-
		Dugout Creek	-	8	-	-
Unnamed		1	220	126	-	

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	41 - Harney Creek	East Harney Creek	-	4	-	-
		Harney Creek	-	14	-	-
		Spring Branch Harney Creek	-	2	-	-
		Unnamed	-	78	-	-
		West Harney Creek	-	7	-	-
	27 - Headwaters Dry Creek	Dry Creek	-	19	-	-
		Unnamed	-	119	13	-
	34 - Headwaters Lightning Creek	Lightning Creek	-	16	-	-
		Little Lightning Creek	-	<1	-	-
		Unnamed	-	67	-	-
	5- Jenson Number 1 Reservoir- Antelope Creek	Antelope Creek	7	3	14	-
		Bates Creek	-	<1	<1	-
		Ninemile Creek	<1	-	-	-
		Unnamed	1	225	-	-
		Wind Creek	<1	-	-	-
	16 - Lake Creek	East Fork Lake Creek	-	9	-	-
		Lake Creek	-	20	-	-
		Spring Creek	-	9	-	-
		Unnamed	-	143	141	-
	35 - Little Lightning Creek	Lightning Creek	-	<1	-	-
		Little Lightning Creek	-	20	-	-
		Unnamed	-	48	-	-
	4 - Lower Bates Creek	Bates Creek	19	2	-	-
		Unnamed	<1	128	-	-
	30 - Lower Box Creek	Box Creek	-	20	-	-
		Unnamed	-	159	96	-

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	17 - Lower Dry Creek	Bobcat Creek	-	9	-	-
		Deer Creek	-	7	-	-
		Dry Creek	-	23	-	-
		Horse Creek	-	9	-	-
		Lightning Creek	-	<1	-	-
		Owl Creek	-	4	-	-
		Piney Creek	-	12	-	-
		Rat Creek	-	<1	-	-
		Stivers Creek	-	4	-	-
		Unnamed	-	325	359	-
	11 - Lower Sand Creek	Antelope Creek	-	<1	-	-
		Sand Creek	-	20	-	-
		Unnamed	<1	143	-	5
	39 - Lower Walker Creek	Piney Creek	-	<1	-	-
		Unnamed	-	139	16	-
		Walker Creek	-	21	-	-
	2 - Lower Wind Creek	Antelope Creek	<1	-	-	-
		Unnamed	1	205	-	-
		Wind Creek	7	-	-	-
	18 - Middle Dry Creek	Dry Creek	-	10	-	-
		Little Rat Creek	-	3	-	-
		Rat Creek	-	13	-	-
		Unnamed	-	165	106	-
	31 - Middle Lightning Creek	Box Creek	-	<1	-	-
		Lightning Creek	-	14	-	-
		Unnamed	-	147	125	-
		Willow Creek	-	5	-	-
	8 - Middle Sand Creek	Sand Creek	18	2	-	-
		Stinking Water Creek	-	<1	-	-
		Unnamed	3	159	-	-

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	40 - Middle Twentymile Creek	Twentymile Creek	-	18	-	-
		Unnamed	-	176	-	-
	38 - Middle Walker Creek	Piney Creek	-	12	-	-
		Unnamed	-	147	-	-
		Walker Creek	-	18	-	-
	3 - Ninemile Creek	Ninemile Creek	1	23	-	1
		South Fork Ninemile Creek	-	5	-	-
		Unnamed	-	132	-	-
	10 - North Fork Bear Creek	North Fork Bear Creek	-	22	-	-
		South Fork Bear Creek	-	24	-	-
		Unnamed	-	130	-	-
	28 - North Fork Box Creek	North Fork Box Creek	-	17	-	1
		Unnamed	-	105	-	-
	23 - North Fork Dry Fork Cheyenne River	North Fork Dry Fork Cheyenne River	-	6	2	-
		South Fork Dry Fork Cheyenne River	-	7	1	-
		Unnamed	-	90	7	-
	21 - Ray Draw-Dry Fork Cheyenne River	Dry Fork Cheyenne River	-	18	-	-
		Unnamed	<1	105	61	-
	26 - Skunk Creek	Duck Creek	-	<1	-	-
		Skunk Creek	-	17	-	-
		Unnamed	-	178	<1	-
		Willow Creek	-	17	-	-
	33 - South Fork Box Creek	North Fork Box Creek	-	<1	-	-
		South Fork Box Creek	-	10	2	-
Unnamed		-	62	-	-	

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	24 - South Fork Dry Fork Cheyenne River-Dry Fork Cheyenne River	Dry Fork Cheyenne River	-	6	1	-
		Middle Fork Dry Fork Cheyenne River	-	6	3	-
		South Fork Dry Fork Cheyenne River	-	10	1	-
		Unnamed	-	139	<1	-
	9 - Stinking Water Creek	North Stinking Water Creek	-	9	-	-
		Stinking Water Creek	-	23	-	-
		Unnamed	<1	91	-	-
	29 - Upper Box Creek	Box Creek	-	16	-	-
		North Fork Box Creek	-	<1	-	-
		South Fork Box Creek	-	<1	-	-
		Unnamed	-	156	-	-
	19 - Upper Dry Creek	Dry Creek	-	14	-	-
		Unnamed	-	98	36	-
	32 - Upper Lightning Creek	Lightning Creek	-	30	-	-
		Unnamed	-	139	-	-
	7 - Upper Sand Creek	North Sand Creek	-	11	-	-
		Sand Creek	3	22	-	-
		Unnamed	3	190	-	-
	42 - Upper Twentymile Creek	Cottonwood Creek	-	6	-	-
		East Fork Twentymile Creek	-	13	-	-
		Harney Creek	-	<1	-	-
		Twentymile Creek	-	21	-	-
		Unnamed	-	154	-	-
		West Fork Twentymile Creek	-	9	-	-

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	36 - Upper Walker Creek	South Fork Walker Creek	-	11	-	-
		Unnamed	-	137	-	-
		Walker Creek	-	20	-	-
		West Fork Walker Creek	<1	6	-	-
	1 - Upper Wind Creek	Fink Prong	-	11	-	-
		North Fork Wind Creek	8	10	-	-
		South Fork Wind Creek	8	11	-	-
		Unnamed	1	160	-	-
		Wind Creek	3	-	-	-
	37 - Willow Creek	Unnamed	-	42	-	-
		Walker Creek	-	<1	-	-
		Willow Creek	-	18	-	-
	14 - Woody Creek-Dry Fork Cheyenne River	Unnamed	-	258	208	1
	North Platte River	49 - 101800080102	Unnamed	<1	69	-
47 - Antelope Creek		Antelope Creek	-	17	-	-
		East Antelope Creek	-	11	-	-
		Unnamed	-	97	-	-
71 - Bobcat Hill-Shawnee Creek		East Fork Shawnee Creek	-	<1	-	-
		Shawnee Creek	-	14	-	-
		Unnamed	<1	82	-	-
		West Fork Shawnee Creek	-	<1	-	-
62 - Dry Creek-North Platte River		Dry Creek	8	2	-	-
		East Fork Dry Creek	1	1	-	-
		Middle Fork Dry Creek	4	-	-	-
		North Platte River	10	-	-	-
		Sand Creek	-	<1	<1	-
		Unnamed	3	40	-	2

Table D-2 Stream Length and Flow Type by Subwatershed within Water Resources Analysis Area

Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	45 - East Fork Shawnee Creek	East Fork Shawnee Creek	-	14	-	-
		Unnamed	-	67	-	-
		Whackoff Creek	-	4	-	-
	50 - Fetterman Creek-North Platte River	Fetterman Creek	-	13	-	-
		La Prele Creek	-	<1	-	-
		North Platte River	5	-	-	-
		Sage Creek	-	<1	-	-
		Unnamed	1	35	-	4
	48 - Fivemile Creek-North Platte River	Antelope Creek	-	<1	-	-
		Fivemile Creek	1	7	-	-
		Morton Ditch	-	-	-	7
		North Platte River	14	-	-	-
		Sixmile Creek	-	4	-	-
		Unnamed	6	85	-	32
	70 - Indian Creek-North Platte River	Indian Creek	9	2	2	-
		Little Indian Creek	2	7	<1	-
		North Platte River	15	-	-	-
		Platte Valley Ditch Number 1	-	-	-	3
		Shawnee Creek	-	<1	-	-
		Spring Creek	2	8	1	-
		Unnamed	2	90	1	14
	56 - Jim Hill Draw	Unnamed	-	9	-	-
	64 - Little Sand Creek-North Platte River	Little Sand Creek	-	10	-	-
		North Platte River	4	-	-	-
		Unnamed	-	35	-	2
	59 - Lower Cole Creek	Cole Creek	<1	9	-	-
		Unnamed	<1	77	-	-

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Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	61 - Lower Deer Creek	Deer Creek	15	<1	-	-
		Indian Creek	-	5	-	-
		North Platte River	<1	-	-	-
		Unnamed	23	58	-	5
		Willow Creek	3	2	-	-
	66 - Lower La Prele Creek	Buckshot Creek	2	4	-	-
		Bulls Run	1	1	-	-
		Curtis Creek	-	2	-	-
		Deadwood Creek	5	3	-	-
		Dull Knife Creek	-	2	-	-
		Harris Creek	1	1	-	-
		La Prele Creek	25	4	-	-
		Morton Ditch	-	-	-	<1
		Semino Creek	<1	3	-	-
		Unnamed	9	99	-	15
	72 - Lower Lost Creek	Lost Creek	<1	14	-	-
		Unnamed	<1	74	-	-
	51 - Lower Sage Creek	Sage Creek	<1	7	4	-
		Unnamed	-	55	-	-
	63 - Lower Sand Creek	Sand Creek	-	-	16	-
		Unnamed	-	36	<1	-
	58 - Middle Cole Creek	Cole Creek	-	10	-	-
		Unnamed	-	49	-	-
	44 - Middle Lost Creek	Lost Creek	-	10	-	-
		Unnamed	<1	94	-	-
	52 - Middle Sage Creek	Sage Creek	-	10	-	-
Unnamed		<1	100	2	-	

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Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)			
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch
	67 - Miller Draw-North Platte River	Antelope Creek	-	<1	-	-
		Bed Tick Creek	<1	<1	-	-
		La Bonte Creek	-	<1	-	-
		North Platte River	11	-	-	-
		Unnamed	1	108	-	19
		Wagon Hound Creek	<1	<1	-	-
	60 - Mountain Home Number 1 Reservoir-North Platte River	Cole Creek	<1	<1	-	-
		Muddy Creek	<1	<1	-	-
		North Platte River	11	-	-	-
		Unnamed	<1	58	-	-
	69 - Sand Creek	Sand Creek	-	13	-	-
		Smith Creek	-	7	-	-
		Unnamed	-	61	-	-
	68 - Sand Creek-North Platte River	La Bonte Creek	-	<1	-	-
		North Platte River	10	-	-	-
		Sand Creek	<1	3	6	-
		Unnamed	-	115	2	8
	57 - Sand Springs-Sand Spring Creek	Unnamed	-	87	-	-
	65 - Spring Canyon Creek-North Platte River	Box Elder Creek	-	<1	-	-
		Little Sand Creek	-	<1	-	-
		North Platte River	10	-	-	-
		Spring Canyon Creek	3	5	-	-
		Unnamed	29	54	-	25
	55 - Upper Cole Creek	Cole Creek	-	13	-	-
		Unnamed	-	92	-	-
	43 - Upper Lost Creek	Dip Creek	-	6	-	-
		Lost Creek	-	8	-	-
		Unnamed	-	51	-	-

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Basin	Subwatershed ¹	Stream Name	Stream Flow Type and Length (miles)				
			Perennial	Intermittent	Ephemeral/ Wash	Canal/ Ditch	
	53 - Upper Sage Creek	Sage Creek	-	16	-	-	
		South Fork Sage Creek	-	4	-	-	
		Unnamed	<1	202	-	-	
	54 - Upper Sand Creek	Sand Creek	-	8	5	-	
		Unnamed	-	159	-	-	
		West Fork Sand Creek	-	5	-	-	
	46 - West Fork Shawnee Creek	East Fork Shawnee Creek	-	<1	-	-	
		Middle Fork Shawnee Creek	-	9	-	-	
		Unnamed	-	171	-	-	
		West Fork Shawnee Creek	-	15	-	-	
	Powder River	74 - Big Bull Cedar Creek-Salt Creek	Big Bull Cedar Creek	-	10	-	-
			Little Bull Cedar Creek	-	6	-	-
			Salt Creek	8	9	4	-
Teapot Creek			-	-	<1	-	
Unnamed			-	254	<1	-	
75 - Bobcat Creek-Salt Creek		Bobcat Creek	-	9	-	-	
		Salt Creek	-	15	-	-	
		Seven L Creek	-	8	-	-	
		Unnamed	-	198	-	-	
73 - Headwaters Dry Fork Powder River		Dry Fork Powder River	-	9	-	-	
		North Prong Dry Fork Powder River	-	3	-	-	
		South Prong Dry Fork Powder River	-	5	-	-	
		Unnamed	-	92	-	-	
		Grand Total²	353	10,443	1,537	149	

¹ Numbers preceding subwatershed name are the reference numbers for **Figure 3.18-12**.

² Totals may differ slightly due to rounding.

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