

APPENDIX A
BIG SPRING CREEK INVENTORY AND ASSESSMENT DATA, FERGUS COUNTY CONSERVATION
DISTRICT, JUNE 1990

Table A-1. Stream Inventory and Assessment Results for Upper Big Spring Creek (modified from Hawn, 1990).

	Photo Number	Stream Length (ft)	Blanket Rock Riprap (ft)	Eroding Bank Left (ft)	Eroding Bank Right (ft)	Streambank Failure Left (ft)	Streambank Failure Right (ft)	Bank Mass Wasting (ft)
Upper Reach Big Springs to Lewistown	197	4,650	180	0	0	120	0	0
	195	6,040	0	0	0	380	290	0
	193	6,060	270	150	80	550	680	0
	191	6,600	640	380	340	660	840	0
	189	7,440	500	120	140	940	1,210	0
	187	6,940	260	380	200	1,210	380	0
	185	5,460	0	0	460	140	220	0
	183	6,760	720	200	390	0	0	0
	181	3,440	690	0	0	0	0	0
	179	5,760	1,940	100	0	160	0	0
Reach totals		59,150	5,200	1,330	1,610	4,160	3,620	0

Table A-2. Stream Inventory and Assessment Results for Upper Big Spring Creek (modified from Hawn, 1990).

	Photo Number	Stream Length (ft)	Blanket Rock Riprap (ft)	Eroding Bank Left (ft)	Eroding Bank Right (ft)	Streambank Failure Left (ft)	Streambank Failure Right (ft)	Bank Mass Wasting (ft)
Middle Reach Lewistown to Cottonwood Creek	179	1800	1,660	100	0	0	0	0
	177	1340	740	250	0	580	540	0
	175	5600	3,140	140	370	600	300	0
	173	4000	1,400	40	260	810	500	0
	171	8100	0	880	540	0	0	0
	169	5480	0	350	450	0	0	0
	167	4600	120	790	520	0	0	0
	165	4150	100	50	0	0	0	0
	163	5200	60	970	420	0	0	0
	162	220	0	460	70	390	160	0
	161	5350	0	450	550	740	440	0
	159	4700	20	80	0	0	0	0
	157	1550	0	0	20	490	690	0
	Reach totals		52,090	7,240	4,560	3,200	3,610	2,630

Table A-3. Stream Inventory and Assessment Results for Lower Big Spring Creek (modified from Hawn, 1990).

	Photo Number	Stream Length (ft)	Blanket Rock Riprap (ft)	Eroding Bank Left (ft)	Eroding Bank Right (ft)	Streambank Failure Left (ft)	Streambank Failure Right (ft)	Bank Mass Wasting (ft)
Lower Reach Cottonwood Creek to Judith River	157	3,380	420	720	460	0	0	0
	155	5,880	0	440	200	0	260	0
	153	4,140	0	160	520	0	0	0
	151	6,050	60	0	550	840	880	1,050
	149	4,780	270	730	1,070	620	1,730	620
	148	2,160	0	0	0	1,500	0	850
	147	4,380	220	590	220	320	1,490	890
	145	5,820	0	810	380	240	930	180
	143	5,180	0	490	1,020	0	60	530
	141	9,800	0	2,330	3,190	140	80	0
	Reach totals		51,570	970	6,270	7,610	3,660	5,430

Table A-4. Stream Inventory and Assessment Summary Results for Big Spring Creek (modified from Hawn, 1990).

Entire Length Big Spring Creek		Photo Length (ft)	Blanket Rock Riprap (ft)	Eroding Bank Left (ft)	Eroding Bank Right (ft)	Streambank Failure Left (ft)	Streambank Failure Right (ft)	Bank Mass Wasting (ft)
Totals		162,810	13,410	12,160	12,420	11,430	11,680	4,120
Percent of total			8%	7%	8%	7%	7%	3%