

KLAMATH NATIONAL FOREST
HORSE CREEK WATERSHED LEGACY SITES

SITE_ID	Comments/Fix description
47N05YD - 0.42	Bigger Pipe and Dip
47N05YD - 0.50	FEUP, very high rustline, undersized pipe. Install new properly sized CMP Crushed inlet and outlet. Partially clogged, has a high rustline. Install an upsized CMP.
47N26 - 0.37	
47N26 - 0.71	Swale with annual scour. Crushed 12" pipe. Install an 18" CMP
47N67 - 0.45	Needs larger pipe and dip
47N67 - 0.68	Needs Dip
47N67 - 1.22	High rustline and very corroded, Install new properly sized CMP
47N67 - 1.32	Rotten ditch relief. Needs replacing
47N67 - 1.88	Undersized pipe, install properly sized CMP
47N67 - 2.40	Existing pipe undersized & highly corroded, Install new properly sized CMP
47N70 - 1.21	Existing undersized pipe. Install properly sized CMP & perform fill reduction
47N70 - 1.32	Install a rolling dip
47N70 - 4.75	Inlet bent, has FEUP, Install new properly sized CMP and rolling dip
47N70 - 4.81	Culvert clogged and backing up, Install new properly sized CMP & rolling dip
47N70 - 5.07	Outlet partially plugged, FEUP, high rustline. Install new properly sized CMP
47N70 - 5.14	Existing undersized pipe. Install properly sized CMP & rolling dip
47N70A - 0.18	Install a rolling dip
47N70Y - 1.30	Install new properly sized CMP & rolling dip
47N74A - 0.36	Existing undersized pipe. Install new properly sized CMP
47N74A - 0.44	Existing undersized pipe. Install new properly sized CMP
47N74A - 0.46	Existing undersized pipe. Install new properly sized CMP
WP 112 47N70	Drafting site with undersized pipe. Install new properly sized CMP Spring drainage drop inlet covered by a slump, totally blocked, Install new properly sized CMP
WP 120 47N67	
WP 121 47N67	Drop inlet with rotten bottom, Install new properly sized CMP
WP 122 47N67	Drop inlet with rotten bottom, Install new properly sized CMP

TOTAL

Channel Type	Diversion Potential	Undersized culvert	Ditch collection potential (ft.)	drain_area	pipe_dia	exist_Q	Q100	fill_vol
Int	y	y	0	112	42	70.0	133.9	906
Int	n	y	0	1	18	12.0	1.8	476
Per	n	y	0	34	24	18.3	47.4	699
Eph	n	y	0		12			20
Int	y	y	170	32	24	22.9	39.0	1088
Int	y	n	0	5	24	18.3	6.5	1928
Int	n	y	50	1	30	35.0	2.3	451
Ditch relief	n	y	0	1	18	12.9	1.2	573
Int	n	y	0	17	18	12.9	22.4	107
Int	y	n	0	30	36	67.4	37.1	367
Int	n	y	395	74	36	67.4	81.4	1611
Eph	n	n	650	8	18	12.9	11.1	477
Int	y	y	445	54	36	67.4	71.1	2031
Int	y	y	445	54	36	51.6	71.1	2031
Int	n	y	350	112	48	119.8	133.1	1142
Int	y	y	115	56	36	67.4	72.9	691
Int	y	n	0	0	48	119.8	0.0	30
Int	y	y	0	16	24	22.0	21.1	360
Int	n	y	0	20	18	12.9	25.9	813
Eph	n	y	0	39	18	12.9	46.8	533
Eph	n	y	0	11	18	12.9	15.4	523
Drafting Site drainage	n	y			18			100
Eph Spring	Y	Y			18			250
Ditch Relief	n	y			18			250
Ditch Relief	n	Y			18			250
			2620	677				17707.83

woody debris	OvRat	treatment	USFS est. cost
2	36	uc	\$21,800
2	32		\$22,300
2	38	uc	\$29,400
0	21		\$14,000
2	46	bc3	\$36,500
2	44	dp	\$50,800
2	30		\$15,900
2	35		\$24,000
2	30	uc	\$15,600
2	35	dp	\$12,500
2	40	uc	\$36,900
2	29		\$2,700
2	36	uc	\$44,600
2	36	uc	\$44,600
2	35	uc	\$28,400
2	31	uc	\$20,200
2	34	dpuc	\$2,700
2	38	dpuc	\$23,200
2	42	uc	\$28,400
2	40	uc	\$23,400
4	39	uc	\$23,200
			\$18,500
			\$21,200
			\$21,200
			\$21,200
			\$603,200