

On Ranch E. coli Monitoring!

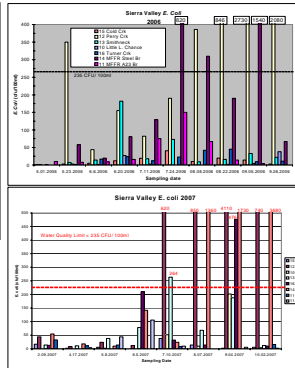
E. coli Exceedance Summary

Sierra Valley:
 - 2006: 8 exceedances (11%)
 - 2007: 9 exceedances (14%)

All were at above sites



Limit: 235 cfu/100 ml



Van Vleck's before fence

Water Quality Limit
 235 cfu/100mL

Van Vleck Ranch

Funding for Van Vleck fence via NRCS EQUIP

2007 E. coli Results

	5/7/2007	6/5/2007	7/9/2007	8/6/2007	9/3/2007	10/1/2007
V3 MFFR entering property below dam	176	623	660	1460	462	199
V2 Tailwater entering fenced area	289	563	173	107	NS	NS
V1 MFFR leaving reach to be fenced	135	833	273	58	270	224

2008 E. coli Results

	5/6/2008	6/3/2008	7/8/2008
V3 MFFR entering property below dam	300	NS	240
V2 Tailwater entering fenced area	306	NS	1160
V1 MFFR leaving fenced reach	398	NS	200

NS = not sampled



Maddalena's before fence

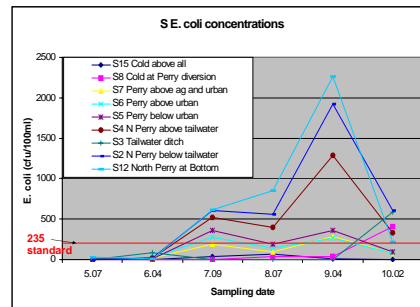
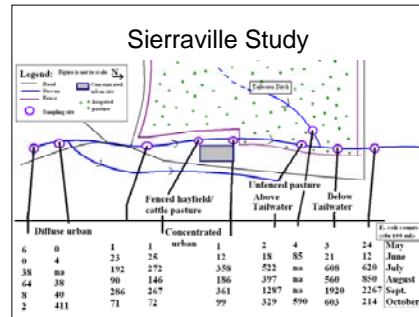


Van Vleck's after fence



Maddalena's after fence

2007 Sierraville Study (Maddalena Ranch) – Field Grazed mid August



Sierraville Study Area (Maddalena) 2008 Results

	5/6/2008	6/3/2008	7/8/2008
S8	8	NS	65
S7	0	52	320
S6	12	NS	660
S5.1 (opt)	NS	NS	NS
S5.2 (opt)	0	NS	NS
S5	28	98	760
S4	4	NS	840
S3	54	NS	NS
S2	8	316	940
S1	6	NS	220
S12	NS	NS	1160

Funding for Maddalena fence from Prop. 50 Project.

Sources of E. coli have yet to be determined. Elevated levels may be the result of Ag and/or faulty septic systems.