

## Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #1 after cows Legal Descrip NW1/4 SW1/4 S36 T3N R17E

Waterbody Unnamed Tributary of Bell Creek Arrival time 14:26

Location ID Lower Round Meadow (LRM) Depart time 14:53

Samplers Lindsey Myers, Rebecca Cremeen Date 7/9/09

### Site Observaitons:

Cloud Cover	<b>No Clouds</b> ; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	<b>None</b> ; Misty; Foggy; Drizzle; Rain; Snow
Wind	<b>Calm</b> ; Breezy; Windy
Water Murkiness	<b>Clear Water</b> ; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	<b>Very Low</b> ; Low; Medium; High; Very High; Same
Sample color	<b>None</b> ; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	<b>None</b> ; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	<b>Algae or water plants</b> ; leaf litter; trash; Other
Habitat	Describe; <b>Willows along stream, annual grass meadow</b>
Bank Disturbance	Describe; <b>Yes, cattle crossing through sample site</b>

Comments:

Cows present in meadow. Some grazing in meadow, but lots of vegetation left.

Lots of pocking and streambank disturbance at and above sample site.

### Field Water Measurements:

Instrument ID	Parameter	Unit	Reading 1	Reading 2	Reading 3
YSI 63 meter	Conductivity	µS	61.4	61.3	61.7
YSI 63 meter	pH	pH	pH probe malfunction - no data		
YSI 63 meter	Water Temp	Celsius	19.1	19.2	18.8

Comments:

Less algae at sample site due to cattle disturbance.

Bacteria Sample Container ID 0=8 Time collected 14:48

Bacteria Sample Container ID \_\_\_\_\_ Time collected \_\_\_\_\_

Sample arrival time at AquaLab 15:22

Comments:

Turbidity sample taken.

Entered into dBase by Lindsey Myers Date 9/3/09

dBase check \_\_\_\_\_ Date \_\_\_\_\_