

**Field Data Sheet for Water Quality Monitoring**

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #2 After Cows Legal Descrip \_\_\_\_\_Waterbody Tributary to Niagara Creek Arrival time 11:00Location ID New Barm Meadow (BM2) Depart time 11:09Samplers Lindsey Myers, Julia Stephens Date 7/21/09**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> ; <b>Low</b> ; 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>Below small Meadow with aspen and willows</b>
Bank Disturbance	Describe; <b>Yes, lots from cattle crossing in wet area, some bare areas</b>

Comments:

Second new sample site below Barn Meadow, this one is closer to the original than BM1.

Meadow is surrounded by a mixed conifer forest, red fir dominant.

**Field Water Measurements:**

Instrument ID	Parameter	Unit	Reading 1	Reading 2	Reading 3
YSI 63 meter	Conductivity	µS	93.8	94.3	97.9
YSI 63 meter	pH	pH	pH probe malfunction - no data		
YSI 63 meter	Water Temp	Celsius	21.8	21.8	20.6

Comments:

Appears that the cattle have revisited the area since the last sample. Cattle present in Barn Meadow 7/20/09.

Bacteria Sample Container ID Y=4 Time collected 11:05

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

Sample arrival time at AquaLab 15:19

Comments:

Turbidity sample taken.

Entered into dBase by Lindsey Myers Date 7/22/09

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