Field Data Sheet for Water Quality Monitoring
Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #5 After Cows   Legal Descrip _____

Waterbody   Tributary to Niagara Creek   Arrival time   14:37

Location ID   New Barm Meadow (BM2)   Depart time   14:45

Samplers   Lindsey Myers, Jesse Myers, N. Detlefsen   Date   7/31/09

Site Observaitons:

Cloud Cover	No Clouds; Partly Cloudy; Cloudy Sky (overcast)
Precipitation	None; Misty; Foggy; Drizzle; Rain; Snow
Wind	Calm; Breezy; Windy
Water Murkiness	Clear Water; Cloudy Water (>4" visibility); Murky (<4"visibility)
Flow (relative)	Very Low; Low; Medium; High; Very High; Same
Sample color	None; Amber; Yellow; Green; Brown; Gray; Other
Sample odor	None; Algae smell; Chlorine; Sulfide; Sewage; Other
Presence	Algae or water plants; leaf litter; trash; Other
Habitat	Describe; Below small Meadow with aspen and willows
Bank Disturbance	Describe; Yes, lots from cattle crossing in wet area, some bare areas

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	121.1	120.4	120.5
YSI 63 meter	pH	pH	7.2	7.17	7.16
YSI 63 meter	Water Temp	Celsius	21.3	21.2	21.2

Comments:
Samples could hear cow bells in the distance. Cooler day recently.

Bacteria Sample Container ID   901   Time collected   14:40
Bacteria Sample Container ID   H45 - duplicate sample   Time collected   14:40

Sample arrival time at AquaLab   17:10

Comments:
Turbidity sample taken.

Entered into dBase by   Lindsey Myers   Date   9/7/09
dBase check   Date