

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #3 After Cows Legal Descrip _____Waterbody Tributary to Niagara Creek Arrival time 10:40Location ID New Barm Meadow (BM2) Depart time 10:49Samplers Lindsey Myers, Tracy Knopf Date 7/23/09**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	110.5	117.7	111.6
YSI 63 meter	pH	pH	pH probe malfunction - no data		
YSI 63 meter	Water Temp	Celsius	14.3	14.2	14.3

Comments:

Veg on left side of stream is recovering, not on the right. Lots of exposed soil.

Bacteria Sample Container ID ⊕79 Time collected 10:42

Bacteria Sample Container ID _____ Time collected _____

Sample arrival time at AquaLab 15:20

Comments:

Turbidity sample taken.

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

dBase check _____ Date _____