

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #6 After Cows Legal Descrip _____Waterbody Tributary to Niagara Creek Arrival time 14:15Location ID New Barm Meadow (BM2) Depart time 14:23Samplers Lindsey Myers, Julia Stephens Date 8/5/09**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	128.9	129.2	130.0
YSI 63 meter	pH	pH	7.09	7.11	7.12
YSI 63 meter	Water Temp	Celsius	17.917.8	17.6	14.3

Comments:

Chilly day. Cows may have been removed from area. Last sample for site.

Bacteria Sample Container ID 679 Time collected 14:17

Bacteria Sample Container ID _____ Time collected _____

Sample arrival time at AquaLab 17:10

Comments:

Turbidity sample taken.

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

dBase check _____ Date _____