

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 15:00

Location ID New Barm Meadow (BM1) Depart time 15:09

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, from cattle crossing stream near sample site

Comments:

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	125.9	126	126.3
YSI 63 meter	pH	pH	7.66	7.67	7.68
YSI 63 meter	Water Temp	Celsius	22.7	22.5	22.5

Comments:

Cattle were present in meadow near the sample site when we arrived. They are very fat.

Willows show evidence of grazing.

Bacteria Sample Container ID Z=2 Time collected 15:03

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 _____