

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #7 After Cows Legal Descrip _____Waterbody Tributary to Niagara Creek Arrival time 14:26Location ID New Barm Meadow (BM1) Depart time 14:32Samplers 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, 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	26.8	24.1	23.7
YSI 63 meter	pH	pH	7.64	7.62	7.6
YSI 63 meter	Water Temp	Celsius	17.9	18	18.1

Comments:

Very low flow, last sample for site. Lots of streambank disturbance. Chilly day.

Bacteria Sample Container ID A#8 Time collected 14:28

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 _____