

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #2 After Cows Legal Descrip _____Waterbody Tributary to Niagara Creek Arrival time 12:26Location ID New Barm Meadow (BM1) Depart time 12:33Samplers Lindsey Myers, Julia Stephens Date 7/16/09**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; Some for cattle crossing stream above 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	105.3	104.6	104.6
YSI 63 meter	pH	pH	pH probe malfunction - no data		
YSI 63 meter	Water Temp	Celsius	19.7	19.9	19.4

Comments:

Lots of algae growth below new sample site.

Bacteria Sample Container ID O16 Time collected 12:27

Bacteria Sample Container ID _____ Time collected _____

Sample arrival time at AquaLab 17:04

Comments:

Turbidity sample taken.

Entered into dBase by Lindsey Myers Date 7/22/09

dBase check _____ Date _____