

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #6 Control site Legal Descrip _____

Waterbody Bourland Creek Arrival time 12:00

Location ID Bourland Meadow (BoM) Depart time 12:08

Samplers Lindsey Myers, Julia Stephens Date 8/28/09

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 meadow, along riparian corridor - aspen, willow, alder
Bank Disturbance	Describe; None

Comments:

Very smoke/hazy due to Yosemite fire. Lots of water striders present on water.

Field Water Measurements:

Instrument ID	Parameter	Unit	Reading 1	Reading 2	Reading 3
YSI 63 meter	Conductivity	μ S	42.7	42.3	41.6
YSI 63 meter	pH	pH	6.52	6.49	6.47
YSI 63 meter	Water Temp	Celsius	10.6	10.6	10.5

Comments:

Sample site located at the lower end of Bourland Meadow. Water table high, meadow has sheet flow. Awesome Meadow.

Bacteria Sample Container ID O44 Time collected 12:03

Bacteria Sample Container ID _____ Time collected _____

Sample arrival time at AquaLab 15:55

Comments:

Turbidity sample taken.

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

dBase check _____ Date _____