

Field Data Sheet for Water Quality Monitoring

Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site #5 after cows Legal Descrip NW1/4 SW1/4 S36 T3N R17E

Waterbody Unnamed Tributary of Bell Creek Arrival time 14:02

Location ID Lower Round Meadow (LRM) Depart time 14:10

Samplers Lindsey Myers, Tracy Knopf Date 7/23/09

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 - Manure |
| Presence | Algae or water plants ; leaf litter; trash; Other |
| Habitat | Describe; Willows along stream, annual grass meadow |
| Bank Disturbance | Describe; Yes, pocking from cattle crossing |

Comments:

Cows currently in shade by meadow - 20+ cattle.

Field Water Measurements:

| Instrument ID | Parameter | Unit | Reading 1 | Reading 2 | Reading 3 |
|---------------|--------------|---------|--------------------------------|-----------|-----------|
| YSI 63 meter | Conductivity | µS | 68.1 | 68.0 | 70.1 |
| YSI 63 meter | pH | pH | pH probe malfunction - no data | | |
| YSI 63 meter | Water Temp | Celsius | 25.3 | 25.4 | 25.3 |

Comments:

Bacteria Sample Container ID 917 Time collected 14:04

Bacteria Sample Container ID O27 - duplicate Time collected 14:04

Sample arrival time at AquaLab 15:20

Comments:

Turbidity sample taken.

Duplicate sample taken for bacteria and turbidity.

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

dBase check _____ Date _____