**Field Data Sheet for Water Quality Monitoring**
Surface Water Ambient Monitoring Project in the Stanislaus National Forest

Sample # for site  #1 before cows                Legal Descrip _____

Waterbody          Tributary to Niagara Creek                Arrival time          10:56

Location ID          Barm Meadow (BM)                          Depart time          11:06

Samplers          Lindsey Myers, John Buckley                Date          6/11/09

**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, sage bruch, corn lilies domiant species |
| Bank Disturbance | Describe; None |

Comments:
Creek sampled below annual grass meadow with willows and aspen grove, surrounded
by mixed conifer forest.  Snow still on nearby mountain top, meadow very wet.

**Field Water Measurements:**

| Instrument ID | Parameter | Unit | Reading 1 | Reading 2 | Reading 3 |
|---|---|---|---|---|---|
| YSI 63 meter | Conductivity | µS | 103.9 | 103.9 | 103.8 |
| YSI 63 meter | pH | pH | 7.99 | 7.89 | 7.86 |
| YSI 63 meter | Water Temp | Celsius | 11.4 | 11.4 | 11.4 |

Comments:


Bacteria Sample Container ID      (+03)                          Time collected          11:04
Bacteria Sample Container ID      _____      Time collected _____

Sample arrival time at AquaLab          13:33

Comments:
Turbidity sample taken.

Entered into dBase by          Lindsey Myers                Date          6/11/09
dBase check                      _____      Date          _____