

# San Gregorio Environmental Resource Center

## Temperature Measurement Instructions

### Water Temperature Measurement

#### Directly from the Creek

- 1) Choose an area of the creek where water is flowing.
- 2) Read the thermometer with the bulb end immersed in the water.
- 3) Have another person verify the reading.
- 4) Record the water temperature on the data sheet.

#### Using a Sampling Apparatus with Thermometer and D.O. Bottle

- 1) Place the thermometer in the sampling apparatus so the scale can be read through the clear sampler body.
- 2) Collect the water sample using directions for the sampling apparatus.
- 3) Read the temperature immediately after collecting the water sample. Don't remove thermometer from apparatus before taking the reading.
- 4) Record the water temperature on the data sheet.

### Air Temperature Measurement

#### Directly from the Creek

- 1) Rinse the thermometer and wipe dry.
- 2) Place the thermometer in a location that does not receive direct sunlight.
- 3) Wait at least one minute.
- 4) Record the air temperature on the data sheet.

#### Using a Sampling Apparatus with Thermometer and D.O. Bottle

- 1) Remove the thermometer from the sampling apparatus.
- 2) Rinse the thermometer and wipe dry.
- 3) Wait at least one minute.
- 4) Record the air temperature on the data sheet.