

### **Monitoring Schedule**

The County does not have the resources to monitor dissolved oxygen (DO) in Cat Creek at this time. Therefore, weekly monitoring field measurement for DO impaired streams will be contracted to a private environmental firm. See *Table 3: Monitoring Schedule* for proposed months.

**Table 3: Monitoring Schedule**

<b>Monitoring Station</b>	<b>Scheduled Monitoring Months*</b>
Station #1	May, June, July, August
Station #2	May, June, July, August

\*Monitoring to take place between 12-2pm.

### **Wadeable Stream Monitoring**

If the stream is wadeable, staff will wade to a spot within the main flow of the stream to measure DO. Staff will enter the water just downstream of the monitoring point and walk upstream to prevent DO measurement at a point where the sediment has been disturbed. Staff will face upstream while measuring DO. Calibration records for the portable DO meter will be maintained.

### **Non-Wadeable Stream Monitoring**

If DO measurement cannot be done safely by wading, a measurement will be taken from a bridge or road crossing by extending the probe down to below water surface at midstream or by using a bucket and rope. Before monitoring, the bucket will be rinsed out three (3) times with stream water. From the bridge or road crossing, the bucket and rope will be lowered midstream into the fast-flowing section of the water. Once the bucket has been filled, it will then be pulled up for measurement.

### **Record Keeping**

For each DO measurement, the following information will be recorded:

- The place, date, and time of measurement.
- The person conducting the measurement.
- The dates and times the measurement was collected.
- The measure DO value.

The County/environmental firm will maintain a water quality monitoring report form listing weekly DO values for the monitoring period. Copies of these report forms will be included with the annual report. Calibration records, quality control records, and water quality report forms will be maintained in the files of the person or position in overall control of the Watershed Protection Plan.

### **Monitoring**

The County/environmental firm will evaluate the resulting monitoring data for the initial three (3) years of this program, to ascertain the level of pollutants of concern (POC) in the impaired waters and if it is likely to be originating in the County.