

## MONITORING UPDATE

### Water Quality Samples (Nitrogen and Phosphorus Compounds)

The table below describes the original sampling schedule for the upstream and downstream sites on Conejo Creek (approximately 5.5 hrs travel time apart).

Table 1: Planned Sample Schedule

Sample #	UPCC	DWNCC
1	11:00 am	4:30 pm
2	3:30 pm	9:00 pm
3	8:00 pm	1:30 am
4	12:30 am	6:00 am
5	7:00 am	12:30 pm

Table 2 shows the times samples were actually taken.

Table 2: Actual Sample Collection Times

Sample #	UPCC	DWNCC
1	11:04 am	4:35 pm
2	3:31 pm	9:01 pm
3	8:01 pm	1:33 am
4	12:40 am	<b>7:01</b> am
5	<b>6:01</b> am	11:30 am

Sample 4 was accidentally collected one hour late at the downstream station, which produced a 6 hr. 21 min. time between samples. While the fifth upstream samples were accidentally collected an hour earlier than scheduled, this was remedied by taking the fifth downstream sample an hour earlier also, which still produced a 5.5 hr. span.

### DO Probes

The DO probes were tested after arrival for proper function. Both functioned normally and produced reasonable data. The probes were placed at the upstream and downstream locations the morning of Monday June 5. They were both programmed to sample on 15-minute intervals. The upstream probe was removed at approximately 11:30 pm on Wednesday June 7. The data was downloaded and indicated proper operation throughout the monitoring. The downstream probe was removed at approximately 4:45 pm on Wednesday June 7. The data was downloaded and indicated sporadic sampling. The probe had taken 3 samples after it had been programmed to start logging, skipped one sample, and then took one more before it stopped logging at approximately 9:45 am Monday June 5. It resumed logging at 7:00 am on Tuesday June 6, and sampled for 4 hours before stopping at 11:00 am. No data was logged after 11 am on Tuesday June 6.

Because the downstream probe did not function properly, the dual 48-hour sampling was not successful. Consequently, a new probe was ordered and the two functioning probes will be installed again at the same sites on Monday June 12. They will remain there for approximately 48 hours. Hopefully this dual 48-hour monitoring can be used in conjunction with the upstream 48-hour DO monitoring and the dual water quality samples (nitrogen and phosphorus compounds) which were sampled at 5.5 hour intervals.