

Meeting Minutes

CCLEAN Steering Committee

July 7, 2005

10:00 – 12:00 p.m.

Watsonville WWTP

Participants:

Barbara Pierson: City of Watsonville, (831) 768-3179

Dane Hardin: Applied Marine Sciences, (831) 426-6326

Jon Popper: Monterey Regional Water Pollution Control Agency, (831) 883-6121

Akin Babatola: City of Santa Cruz (831) 420-6045

Ray von Dohren: Carmel Area Wastewater District, (831) 624-1248

Karen Worcester: Regional Water Quality Control Board, (Speaker Phone) (805) 549-3333

Agenda Items:

Review of last meeting minutes: With a few corrections, the minutes were accepted and will be posted on the website.

- 1) **Financial Update:** The City of Watsonville has collected \$1,115,977 from the member agencies and has spent \$1,350,061

The breakdown is:

Applied Marine Science	\$296,169
MEC Analytical	\$216,917
Kinnetic Laboratories (KLI)	\$656,113
Monterey County	\$ 21,789
Santa Cruz County	\$ 45,400
Monterey Bay Analytical	\$ 14,670
City of Santa Cruz	\$ 4,212
City of Watsonville	\$ 5,220
Carmel Area Wastewater	\$ 1,248
Administration Fee (7%)	\$ 88,322

All the agencies are up to date with their payments and the July bills will be sent out soon. We are going to be about \$40,000 over budget for the 5-year program. We also need to do some addition QC work to comply with our QAPP, which will cost between \$7,000 and \$10,000. The break down of what each agency would add to the budget, based on the annual flow of the respective plants is: Watsonville \$ 14,000, Santa Cruz \$ 18,000, Monterey Regional \$ 12,000, and Carmel \$ 3,000. We will check with our respective agencies and report back at the next meeting

- 2) **The Annual Report:** Dane has edited the Sediment section of the Report the most. He received comments from Bruce Thompson from SFEI (San Francisco Estuary Institute) and incorporated them into the Report. He did a linear regression on 3 factors (river discharge, POPs, and grain size/ TOC) to the density of the benthic biota. The best correlation was between the discharge from the three rivers and the

density of the benthic organisms. With the increase of the rivers' discharge the density of the animals living in the sediment decreases.

There was a discussion of the alert levels used for the mussel tissue analysis and whether a water sample should be collected for bacterial analysis when the mussels are collected. This issue as well as the method for estimating loading from the creeks and rivers will be discussed at the next meeting. We discussed whether we should use the flow from the day the samples are collected or the average flow for the month. The flow model that TetraTech developed for the Regional Board could also be used. A question brought up was if Dane or Basia need to visit the Regional Board office to get the information or whether a CD with the model could be sent to them.

Dane handed out appendix G from the annual report that was not included in the report that we retrieved from the web. It has the water quality data from the grabs that were collected when the background POP sampling buoys were deployed and retrieved. This led to a discussion of whether we should discontinue the grab samples because most of the bacteria and nutrient results were at or below the detection limits.

Akin will e-mail Dane a few corrections for the annual report and Barbara mentioned that the date on the cover of the report needed to be corrected, 04 instead of 05.

3) Project Update

- A) County sampling of Rivers and Creeks:** County and Elkhorn slough National Estuarine Research Reserve staffs continue to collect sample from 15 sites on a monthly basis. Several months of samples from Monterey County are sent to the Watsonville Lab for the ammonia analysis. At least half the samples are passed the holding time. We need to notify them that the samples should be sent to the laboratory as soon as possible after they are collect. Preserved ammonia samples have a holding time of 30 days. A PO has been sent to John Ricker of Santa Cruz County for the 04/05 samples. It will be paid as soon as the City receives an invoice.
- B) River Sampling:** The dry weather river sampling will run approximately from June 15th to July 15th.
- C) Effluent Sampling:** The effluent sampling will be done at the same time as the river sampling except for Santa Cruz. There effluent sampling will happen between July 13th and August 13th so they can do the SPMD sampling at the same time as the CCLEAN sampler is running.
- D) Sediment Sampling:** MEC will do the sediment and benthic community sampling in September or October 2005. Dane will let them know whether to do replicate samples.
- E) Mussel Sampling:** The dry weather mussel sampling will be done on July 25, 2005. Native mussels are collected from the CCLEAN sites.
- F) Offshore Ambient Monitoring:** We will do a final set of ambient monitoring in the fiscal year 2005/2006. We may want to eliminate the Water Quality grabs since most of the results were non-detect.

G) Proposition 13 Grant: Dane has not heard whether his request for a time extension has been approved. The city has received invoices from AMS without the corresponding invoices to the State. Dane said he would work on that right away.

- 6) **CCLEAN Website:** The domain registration was moved to Redshift.
- 7) **BOD and cBOD:** Akin discussed a current issue of concern about problems laboratories are having with DO depletions in the blanks, when they use nitrification inhibitors. “BACWA” is an organization that has been fielding a lot of the comment on this issue.
- 8) **Set Date for the next Meeting:** The meeting was set for Tuesday, September 13th, at 10:00 am, at the Watsonville WWTP