

## Meeting Minutes

### CCLEAN Steering Committee

November 4, 2004

11:00 – 12:30 p.m.

Watsonville WWTP

#### Participants:

Karen Worcester: Regional Board (speaker phone)

Barbara Pierson: City of Watsonville, (831) 728-6124

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

Dan Burns: Monterey Regional Water Pollution Control Agency, (831) 883-6168

James Dicks: Monterey Regional Water Pollution Control Agency, (831) 88-1118

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

#### Agenda Items:

- 1) **Review of last meeting minutes**: The minutes were accepted and will be posted on the website.

- 2) **Financial Update**: The City of Watsonville has collected \$927,495 from the member agencies and has spent \$1,003,952

The breakdown is:	Applied Marine Science	\$241,412
	MEC Analytical	\$163,567
	Kinnetic Laboratories (KLI)	\$465,732
	Monterey County	\$ 18,091
	Santa Cruz County	\$ 32,800
	Monterey Bay Analytical	\$ 11,870
	City of Santa Cruz	\$ 2,593
	City of Watsonville	\$ 1,420
	Carmel Area Wastewater	\$ 786
	Administration Fee (7%)	\$ 65,679

We have not received the payment from Carmel for the July billing. The next bills will be sent out in January and an additional contingency bill will also be sent.

- 3) **The Annual Report**: Dane has received most of data from the member agencies. He is still waiting for some information from Carmel. Barbara mentioned that Hank had informed her at the last CWEA, Monterey Bay section meeting, that they had been collecting and analyzing beach bacterial samples daily since the hole in their Outfall was discovered over a year and a half ago. There were questions raised about the necessity to sample so frequently. Santa Cruz has a leak in their outfall and they started up once a month sampling in January of 2003 after it had been over looked for years. Dane is optimistic that he will be able to get the annual report in by the dead line of January 30, 2005. He plans to include some information about satellite

images/ plankton blooms in the 2003-04 Report.

- 4) **Website:** Dane has added a page for the older, archived meeting minutes. It is accessible from the “Document” page. Akin asked if CCLEAN could host the San Lorenzo River monitoring link. Dane will check with Red Shift, to see if there would be an additional cost to add the link. We need to work on getting our data on other web sites, for example, the CCAMP website and a link on the Sanctuary’s website “SIMON”

## 5) **Project Update**

- A) **County sampling of Rivers and Creeks:** All of the 15 sites now have staff gauges installed. We need to get flow rates at the stations to correlate the water height to the flow rate. CCAMP is hiring field crew this week to restart the rotating, monthly, watershed sampling in January. They may be able to assist with flow monitoring. Barbara mentioned that she hadn’t received ammonia samples from Monterey County for the last few months. **Note:** We just received 9 samples from the county. Six of them were past the acceptable holding time, collected in September and October. We analyzed them any way.
- B) **River Sampling:** The wet weather sampling will be done in February or March. Dane will check with KLI and see how they are doing with the modification of the river samplers (Suspension arm on the sample tube to prevent clogging from sediment). We discussed the fact that cofferdams will be placed in the Salinas River next year, which will reduce the flow coming out of the river.
- B) **Effluent Sampling:** The 4 plants’ effluent will be sampled during the same time interval as the river sampling. We discussed adding Scotts Valley to the member agencies of CCLEAN. The MOU for the CCLEAN agencies expire the end of the next fiscal year, 2005-06. We need to start thinking about the addition of members. Barbara will contact Scott Hamby of Scotts Valley WWTP. **Note:** Scott Hamby has agreed to come to our next meeting or to send Robert Hubert as a representative.
- D) **Sediment Sampling:** MEC did sediment and benthic community sampling on October 12<sup>th</sup>. Dane is expecting the results any day.
- E) **Mussel Sampling:** The dry weather Mussel sampling was done on August 7<sup>th</sup>.
- F) **Offshore Ambient Monitoring:** We are going to hold off on the deploying of the ambient monitoring buoy for this wet season. The nutrient and bacterial results were mostly non-detects, and the POP results have not been evaluated.
- G) **Proposition 13 Grant:** Bob Geyer and Dane are working on a new contract with Applied Marine Sciences and the subcontractor will be hired by the City of Watsonville. Dane is putting together the spending projections, which will be part of the contract. Dave Crane will be doing the analytical work on the otter tissue. Karen will check on the format and requirements of the grant and get back to Dane with the information. We discussed doing metabolites of the PAHs and PBDEs on some of the otter tissue. We may want to do analytical screening of the tissues and then select certain samples to do the complete list of analytes. Karen will attend the next meeting that Dane has with Fish and Game.

- 6) **Set Date and Time for next meeting:** The next meeting will be on January 27, 2005

10:00am at Watsonville WWTP.

**Additional Items Discussed:**

- 1) CiCore has been doing work in the Monterey Bay ground truthing aerial photography with plankton concentrations. Karen said that she is on the Technical Advisory committee of CiCore and that they are coming down to talk to the Regional Board about their work. They may be helpful in our work to correlate nutrient loading to plankton blooms in the Bay. There is a NASA website that has historical satellite images. The URL for the website is <http://oceancolor.gsfc.nasa.gov>
- 2) We discussed integrated sampling. Akin has been talking with people from USGS and Environmental Sciences in Missouri. They have offered to do the analytical work if Akin purchases the sampling device and the semi permeable membranes. The sampling device is suspended in the effluent pipe for a month period of time and then the membranes are eluted, and the eluent is analyzed for all the table B constituent that are non-polar. Akin will be purchasing the sampling device and hopes to do a trail run in December. He wanted to know if the other CCLEAN agencies would be interested in trying out the integrated sampling device. We discussed the possibility of doing a side by side with the CCLEAN POP samplers. The sampling device developed by USGS and manufactured by Environmental Science selectively collects dissolved organics. A recovery factor is determined by the use of a "PRC", Performance Recovery Chemical, which is a synthetic chemical that planted on the membrane and analyzed for with the rest of the constituents.