

## Meeting Minutes

### CCLEAN Steering Committee

September 16, 2004

10:00 – 12:00 a.m.

Watsonville WWTP

#### Participants:

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

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

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

#### 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 \$797,041 from the member agencies and has spent \$913,795

The breakdown is:	Applied Marine Science	\$235,162
	MEC Analytical	\$163,567
	Kinnetic Laboratories (KLI)	\$385,558
	Monterey County	\$ 22,072
	Santa Cruz County	\$ 32,800
	Monterey Bay Analytical	\$ 11,170
	City of Santa Cruz	\$ 1,479
	City of Watsonville	\$ 1,420
	Carmel Area Wastewater	\$ 786
	Administration Fee (7%)	\$ 59,781

We have not received the contingency fee, which was mistakenly subtracted in the FY-2003/04 billing, from Carmel. There will be another extract billing for the contingency fee, because it was subtracted in the second billing of the year as well. The financial spreadsheets were not updated prior to the meeting so additional topic may need to be addressed in the next meeting.

- 3) **The next Annual Report: (Data needed).** Dane needs:
  - 1) The ammonia, nitrate, TSS, temperature, pH and Conductivity data that was collected weekly when the POP, 30 day effluent sampling was going on in July 2003 and February – March 2004 at each of the plants
  - 2) The data for the monthly grab samples of urea, dissolved silica, and orthophosphate. The orthophosphate sampling started in September or October.
  - 3) Along with the concentrations of each analyte in items 1 and 2, Dane also

needs the total volume (MGD) of effluent to the Bay on the days the samples were collected.

- 4) The total volume discharged during each day of the 30-day sampling periods.
- 5) The 30-foot depth contour sample data of Total and Fecal Coliform and Enterococcus.

Dane e-mailed this request to the laboratory personnel of each of the treatment plants, a few days before the meeting.

There are data gaps in the River and creek samples. He needs the ammonia results of samples collected in Santa Cruz County in April 2004. Also the Urea, TSS, Ammonia, and Bacterial data from the deploying and retrieving the offshore buoys in June and July 2004. Barbara will retrieve and send the data to Dane for the river and creek samples and offshore samples.

- 4) **Website:** Red Shift is hosting the CCLEAN website. Dane is the Webmaster and he can edit the web site and add documents from his computer. The cost is around \$25 to \$30 per month. The bill will be sent to the City of Watsonville and paid for with the CCLEAN account. Barbara will check to make sure it is being paid since Larry Bush set it up and he is leaving his employment with the city.

## 5) **Project Update**

- A) **County sampling of Rivers and Creeks:** Of the 15 site total, all but two of the sites have staff gauges installed, with the exception of the rivers that have USGS flow gauges. The 2 staff gauges need to be installed. The County personnel that are collecting the samples note the depth of water at the staff gauge. This information is used to estimate the flow into the Bay.
  - B) **River Sampling:** Dry weather sampling of the rivers was done by KLI in June. Everything went fine. KLI is now working on redesigning the samplers so that the intake tubing will be suspended on arms just below the surface to minimize clogging of the sample tubing by sediment during high flow wet-weather sampling. This occurred during the sampling event last winter. The wet weather sampling will be done in February or March.
  - C) **Effluent Sampling:** The 4 plants' effluent will be sampled during the same time interval as the river sampling.
  - D) **Sediment Sampling:** Dane has received the Sediment and Benthic Community Analysis from MEC. He will evaluate the Community analysis to see if we have to continue the replicate benthic sampling.
  - 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 results were mostly non detect, and the POP results have not been evaluated.
  - G) **Proposition 13 Grant:** The grant funding has come through and things are getting set-up to begin the POP analysis of the otter tissues. Applied Marine Science's contract has to be amended to include this project or a new contract has to be executed. Sub-contractors, Fish and Game and the analytical lab, have to be hired.
- 6) **Set Date and Time for next meeting:** The next meeting will be on November 4<sup>th</sup>,

11:00am at Watsonville WWTP.

**Additional Items Discussed:**

- 1) Akin is working on the renewal of the City of Santa Cruz's NPDES permit. He will be talking to Mike Higgins in the afternoon, after our meeting. He would like to work on replacing the 24-hour composite (or grab) sampling for priority pollutants with the kind of sampling that CCLEAN does for POP's. That is, to collect samples over a month period and by pumping or flowing effluent through resin beds or other extraction material that will collect different types of pollutants. USGS has a multi-disk setup that collects pollutant from metals to organics. Akin wanted to know if there was a consensus among the discharges that this would be a good methodology for monitoring our effluent that is discharged into the bay. We all agreed that it was a good idea for Santa Cruz to try it out to see how it works.
- 2) Karen called in for a short time at the beginning of the meeting, but asked to be excused because she is working on the Agricultural Monitoring program RFP, which was due that afternoon.
- 3) Jon Popper brought a Urea sample from Pacific Grove's Urban Run Off program for Barbara to analyze. Barbara asked Jon to provide her with contact information to send the results and billing documents.