

## Meeting Minutes

### CCLEAN Steering Committee

May 12, 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

Patrice Parson: 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

Lee Genz: Duke Energy, (831) 633-6785

#### Agenda Items:

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

- 1) **Financial Update:** The City of Watsonville has collected \$1,028,527 from the member agencies and has spent \$1,258,372

The breakdown is:	Applied Marine Science	\$273,986
	MEC Analytical	\$168,784
	Kinnetic Laboratories (KLI)	\$656,113
	Monterey County	\$ 20,609
	Santa Cruz County	\$ 32,800
	Monterey Bay Analytical	\$ 14,320
	City of Santa Cruz	\$ 4,212
	City of Watsonville	\$ 3,975
	Carmel Area Wastewater	\$ 1,248
	Administration Fee (7%)	\$ 82,323

We have not received the payment from Santa Cruz for the January billing or for the 2<sup>nd</sup> 20% contingency fee for 03/04 Fiscal year.

- 2) **The Annual Report:** We had all received the annual report for review a week before the meeting. The deadline to submit comments is June 3<sup>rd</sup>. Barbara will E-mail several typos to Dane. We also discussed the bacteria limits for “Water Contact” beneficial use. The wording in the Ocean plan is a little confusing. It seems like 1,000 MPN/100mls is the most appropriate without further explanation. There is one section in the report that says satellite images will be added. We decided that we should get the report in as soon as possible and add the satellite images and discussion as an addendum. Akin mentioned that there is a website, <http://oceancolor.gsfc.nasa.gov/>, that has satellite images. Another website, [www.ACT.org](http://www.ACT.org) or [www.act.com](http://www.act.com), has information about sensor technology.

There was a discussion of why we analyze for dissolve silica. Dane explained that Silica can be a limiting factor for the production of diatoms. If there is not enough silica dinoflagellates tend to dominate the phytoplankton population. The dinoflagellate, *Pseudonitzschia* is responsible for domoic acid production that has cause disease and death of marine mammals. Researchers have found that this species only produces domoic acid under certain condition. A metal in the water, maybe cadmium, triggers it.

PCBs and PAHs were over the Ocean Plan limits in the background sampling from the two buoys. A question was raised if we want to do additional analysis of these samples or of samples we collected in the future. PCBs have around 200 congeners depending on how many chlorine atoms are attached to the phenol rings. If we do a more detailed analysis we can determine the source of the PCBs. For example, are the congeners the same as the ones found in San Francisco Bay or from another source? There was a consensus that we would like to have the CCLEAN program investigate the sources of the pollutant and also have more participants to help pay the cost.

The concentration of Dieldrin (which is a legacy pesticide that was banned about the same time as DDT) in mussel tissue collected at the Hook is in the 95% percentile of the highest concentrations of all the mussel samples analyzed by the California Mussel Watch Program.

We need to set a date to present this annual report to the Regional Board Staff.

### 3) Project Update

- A) **County sampling of Rivers and Creeks:** Dane is thinking of submitting a proposal for a 319 grant to get flow meters for the creeks that we do not have flow data. Of the 15 sample locations 9 have flow measurement and 6 don't.
- B) **River Sampling:** The dry weather river sampling will begin in the middle of June and run until the middle of July. Dane will notify us on the exact date.
- C) **Effluent Sampling:** The Effluent sampling will be done at the same time the river sampling. Santa Cruz wants to do the SPMD sampling at the same time as the CCLEAN sampler is running so they may delay their effluent sampling until July.
- D) **Sediment Sampling:** MEC did sediment and benthic community sampling on October 12<sup>th</sup>, 2004.
- E) **Mussel Sampling:** The wet weather Mussel sampling was done on February 22.
- 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:** The analytical Lab that was named in the original proposal submitted a proposal to the Sanctuary to do the same work we proposed. Moreover, they decided they would require half their project funding up-front, which was not possible after the grant was awarded. Consequently, we are now using the Department of Fish and Game lab. The original lab was going to do the

butyltin analysis for free. CDF&G has agreed to fund the butyltin analysis from another funding source at a cost of \$75,000. A request to extend the project to the end of 2006 has been submitted, since it has taken so long to get it started.

- 6) **CCLEAN Website:** The domain registration was moved to Redshift.
- 7) **Meeting with ASBS and Storm Water Stakeholders:** Following actions by NRDC and the Ocean Conservancy, the Regional Board issued Cease and Desist Orders for stormwater discharges into Areas of Special Biological Significance. Agencies on the Monterey peninsula are considering legal action to contest the orders and the Regional Board is considering whether there are better ways to engage these agencies than through CDOs. Discussions on this issue are ongoing.
- 8) **Set Date for the next Meeting:** The meeting was set for July 7th at 10:00 am, at the Watsonville WWTP