

Meeting Minutes

CCLEAN Steering Committee

June 27, 2006

10:00 – 12:00 a.m.

Watsonville Municipal Service Center

Participants:

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

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

Patrice Parsons: Monterey Regional Water Pollution Control Agency, (831) 883-6120

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

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

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

Lee Genz: LSP Moss Landing LLC (831) 633-6785

Roxayne Spruance: Pebble Beach Company, (831) 625-8402 (Observer status)

Bob Jaques: Monterey Regional Water Pollution Control Agency, (831) 645-4607 (Observer status)

Agenda Items:

1) **Review of last meeting minutes**: The minutes from the 4-27-2006 meeting was accepted. Dane will post them on the CCLEAN website

2) **Financial Update**: The City of Watsonville has collected \$1,446,013 from the member agencies and has spent \$1,760,278

The breakdown is:	Applied Marine Science	\$396,274
	MEC Analytical	\$226,347
	Kinnetic Laboratories (KLI)	\$907,564
	Monterey County	\$ 32,598
	Santa Cruz County	\$ 45,400
	Monterey Bay Analytical	\$ 19,145
	City of Santa Cruz	\$ 6,524
	City of Watsonville	\$ 8,655
	Carmel Area Wastewater	\$ 2,613
	Administration Fee (7%)	\$ 113,752

All agencies are up to date with their payments. All payments have been received through fiscal year 2005-2006. Dane, Barbara, and a member of the City's finance department will get together and review the budget (income from the agencies and expenditures) to make sure we are all in agreement.

Dane reported that KLI had informed him that an invoice dated April 4, 2006 had not been paid yet. Barbara will check her records and get back to Dane. (Note: Barbara had sent the invoice to the City's Finance Department. She checked with them and

the check is in the mail)

Applied Marine Sciences mistakenly closed the task of the 04-05 annual report, before it was done and the cost for that work has been charge to the 05-06 report. The cost over run is \$35,000. It was agreed that the paper trail of this error should be shown to the steering committee and the cost should be forwarded to the next budget year.

We need to do Change Orders for both KLI and Applied Marine Sciences Contracts to cover the costs over runs that the agencies have already paid.

Annual Report: The CCLEAN annual report will be presented to the Regional Board at the September 7th meeting that will be held in Monterey. The drop-dead deadline to submit the report is August 1st, so that Karen can prepare the staff report. The City of Santa Cruz still needs to submit some data to Dane for the annual report.

We discussed the possibility of simplifying the annual report and not making each year as comprehensive. Each year's report would concentrate on the result of the specific year and then do a summary of all the results, trends, and comparison every 5 years. We also discussed the possibility of producing a glossy brochure, like "The Pulse of the Estuary" which the San Francisco Bay Regional Monitoring Program (SFEI = San Francisco Estuary Institute) publishes every year. The raw data and graphs could be available on the website and/or distributed on a CD. Ray mentioned that Carmel has a staff member who provides graphic design and produces brochures for them, He will ask her to call Dane.

Lee will send Dane the Logo for the new owners of the Moss Landing Power Plant, LSP Moss Landing LLC, so it can be included in the annual report.

3) **Project Update:**

- A) **County sampling of Rivers and Creeks:** We decided that we would transfer this component of the program to CCAMP's Coastal Confluence program. They already sample most of the same sites, (with the exception of Laguna Creek, Moore Creek, Porter Gulch, Aptos Creek, Tembladero Slough and Garland Park on the Carmel River), on a monthly basis. They would just have to add Urea, Dissolved Silica and Enterococcus to their list of analyses. A local lab in San Luis Obispo can do the enterococcus and the silica at a cost of \$35 and \$7 respectively. The Lab also submits the results, with all the QC requirement, in a format that can be entered directly into the CCAMP and CCLEAN databases. The Urea samples would have to be sent to the City of Watsonville or Monterey Bay Analytical Services for analysis.
- B) **River Sampling:** This sampling is completed for this 05/06 fiscal year
- C) **Effluent Sampling:** This sampling is completed for this 05/06 fiscal year
- D) **Sediment Sampling:** Dane has received the results for the re-analyzed sediment samples.
- E) **Mussel Sampling:** KLI missed one dry season sampling of mussels because their

contract began after the sampling would have been done, although it was included in their budget. We will reduce their scope of work accordingly and apply these funds to defray cost overruns in other program components. will forgo this sampling to save some money in the budget that was spent in other areas of the program.

F) Offshore Ambient Monitoring: KLI owes us one dry weather offshore ambient sampling.

G) Proposition 13 Grant: There is nothing new to report on the Sea Otter grant. The results of the persistent organic pollutants in the otter's tissues are being compared to the cause of death of the otters. The report should be done around by the end of March. An extension of the period of performance will be requested through June 2007, due to the unanticipated requirement that the final report must be submitted 90 days before the end of the grant period.

4) Prop 50 Proposal: CCLEAN has been awarded a \$1.96 million grant. Our proposal was approved on July 21, 2006. Samples will be collected from 12 locations including Wastewater Treatment plant influent and effluent, rivers, and streams. A research group at UC Davis will analyze the samples for "indicator organisms" (Total and Fecal Coliforms, and Enterococcus) and actual pathogenic organisms (i.e. Cryptosporidium, Giardia, Salmonella, Shigella, Campylobacter). There will also be a wetland component to the program. They will look at the same organism in and out of a restored wetland in Moss Landing and also a modeled wetland constructed of tanks with wetland plants growing in them. Lee mentioned that he has some tanks at the power plant that could be used in the project.

5) Report of Meeting and Workshops:

a. SFEI Workshop on Emerging Contaminants: Dane attended a SFEI workshop on emerging contaminants. The Regional Monitoring Program was soliciting input of a list of emerging they are proposing to add to their analyte list for samples collected around the SF Bay. Lots of people were there including a representative from Axys Analytical, Canadian Regulators, Dave Sedlak, Karin North and EPA people. One contaminant that was discussed, that is very prevalent in the environment, is P-FOS. It is a polymer that is used to line the inside of French fry and microwave popcorn containers. Estradiol, a component of birth control pills, was also discussed. A presentation on work done for Canada Environment (the Canadian version of USEPA), and did not develop a monitoring plan from the information presented.

b. Emerging Contaminants at the National Water Quality Conference in San Jose: Akin E-mailed a Powerpoint presentation entitled "Concentrations and Removal of Pharmaceutical Compounds at Four Wastewater Plants in New York State, 2003-2005"(see attached document) to all members of the steering committee. It was presented by the USGS in a session of the Water Quality Conference that Akin mediated. USGS has validated method SH1433 for more than 70 compounds on the list of Emerging Contaminants. This is among the methods

being reviewed for the inclusion in the WEF White Paper on Analytical Methods on Compounds of Emerging Concern.

- c. Pyrethroids in the Environment: Dane attended a meeting about Pyrethroids. Brian Anderson and Don Weston were among the people that gave presentations. Pyrethroids are one of the newer pesticides that have been developed to replace the ones that have been banned. They are synthetic versions of pyrethrins, which is made from an extract from chrysanthemum flowers. Karen mentioned that 80% of the toxicity found in the Ag monitoring program was caused by pyrethroids.
- 6) **Extension of MOU, Scope of Work and Budget for next Year:** The original MOU that was signed by all the participating agencies in 2001 does not have an ending date. It was resolved that if the steering committee agrees on a Scope of work and a Budget for next year we will not have to make a new Memorandum of Agreement. Dane will put the MOU on the website so that everyone can review it and check with their respective agency to make sure they all agree that it can be extended for a year with a scope of work and a budget.

We ran out of time and the other items on the agenda were not discussed. We agreed that we could continue via E-mail.

- 7) **Set Date for the next Meeting:** The meeting was set for Tuesday, August 1, 2006 at the WWTP in Watsonville. The meeting will start at 10:00 am and go until noon.