

Meeting Minutes

CCLEAN Steering Committee

September 23, 2003

10:00 – 12:00 a.m.

Watsonville WWTP

Participants:

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

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

Basis Hajduczek: Applied Marine Science (510) 527-9617

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

Ray Vondohren: Carmel Area Wastewater District (831) 624-1248

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

Mary Adams: Regional Water Quality Control Board (805) 542-4768

Dave Paradies: Bay Foundation (805) 528-0221

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

Agenda Items:

1) Review of last meeting minutes: The last meeting's minutes were accepted. Karen had a correction. Mary is going to help with flow estimations with staff gauges, not with flow modeling. Akin checked in with the City of San Jose about hydro-lab equipment. They are going to hold on to that equipment.

2) Financial Update: The cost of the Program to date is \$556,290

The breakdown is:	Applied Marine Science	\$161,094
	MEC Analytical	\$ 99,258
	Kinnetic Laboratories (KLI)	\$ 217,643
	Monterey County	\$ 15,402
	Santa Cruz County	\$ 20,200
	Monterey Bay Analytical	\$ 6,300
	Administration Fee (7%)	\$ 36,393

As the CCLEAN lead agency the City of Watsonville has collected a total of \$607,466.80 from the member agencies. The Program is 28% below budget for the first 2 years of sampling. The first bills for the fiscal year 2003/04 have been sent out. The 20% sampling contingency was subtracted from each of the bills since costs have been below budget. We have received payment from all agencies except the City of Santa Cruz. Akin suggested that the contact person for Santa Cruz be changed from Steve Wolfman to Akin. Barbara agreed.

3) Issues that need to be discussed:

A) Website: The CCLEAN website is up and running (www.cclean.org). Dave Paradies will be the web master. Akin had some suggestions: a separate page for

the calendar, a document page for the minutes of the meetings, the annual report etc., a confidential page that would be access with a password. We need to supply Dave with more documents and graphic for the Website. Dane will work on putting together a more interesting description of CCLEAN and on getting pictures of the instrumentation. We may have a separate page for each component of the program. As soon as Dave finishes designing it the site we will transfer it to a server hosted by the City of Watsonville. Dave will (and needs to) bill CCLEAN for his services

- B) Ammonia and Orthophosphate Analysis of River and Creek samples:** We discussed who would do the ammonia and phosphate analysis for the creek and river samples collected by the counties (16 sample). The Watsonville City Lab. will do all the ammonia analysis at a price of \$15 per sample. The Santa Cruz City Lab. will do orthophosphate analysis for the Santa Cruz County samples (10 sample) and the Carmel laboratory will do the Monterey County samples for a price of \$23.12 per sample. The laboratories will bill CCLEAN for their service
- C) Orthophosphate analysis of the Plants' Effluents:** Each of the treatment plants need to start analyzing for orthophosphate in the effluent once a month. Dane said he would E-mail each plant to remind them.
- D) Protozoan analysis of Mussels (Otter Study with Duke Settlement \$):** Karen talked to the folks at UC Davis about protozoan analysis of mussels. They didn't give her a definite price, but from previous discussion she thinks it would be between \$100 and \$150 per sample. They need 30 mussels for each sample. Karen thinks we should wait on the results of other studies (e.g. Otter Study) before doing these analyses. She is working on a project, using money from a settlement from Diablo Canyon, doing mussel sampling in conjunction with PISCO (Partnership of Interdisciplinary Studies of Coastal Oceans, www.piscoweb.org).
- E) Comments received on the Annual Report:** Mike Foster, a professor at Moss Landing Marine Laboratories, sent a letter to Dane with comment on the Annual Report. Dane added his responses to the comments and E-mailed it out to all the committee member prior to the meeting. (See attachment #1) We went over the comments and responses. We all agreed with Dane's responses. Some suggestions that Dr. Foster made were beyond the scope of our program, but it emphasizes the need to make our data available to other researcher so broader questions can be answered. We decided to add a replicate benthic biota sample to each of the 4 offshore stations that MEC samples for sediment once a year. Dane will ask MEC for a price quote for this work and a change order will be implemented. We also agreed with Dr. Foster that the Kirby Park sample location that Monterey County staff samples on a monthly basis is not a good location to estimate loadings to the Bay. Dane will get the list of the county's sample locations and see if there is a better place to do the additional analysis for CCLEAN. Karin and Mary suggested that Tembledero Slough would be a good location. We might be able to coordinate with the Elkhorn Slough National Estuarine Research Reserve. Dane will contact them.
- F) Renewal of the county P.O.'s:** When we sort out the change in sample locations, courier fee for the ammonia and orthophosphate samples, and the

addition of replicate samples new P.O.s with the County of Santa Cruz and the County of Monterey will be drawn up. Until then, submitting "Request for Check" forms to the City of Watsonville's Finance Department will pay any invoices received from the counties.

- G) Request for Quotation for sampling near shore water for POPs:** Dane received price quotes from KLI. They gave us 4 options (see attachment #2). We decided that we want to do the option 4 in which mooring are deployed and the sampler run over a 30 day period for POPs. We agreed that if any mooring is lost CCLEAN will pay to replace it, but KLI is responsible for re-sampling at their expense. This component of the program can be added to KLI's existing contract. A Change Order can increase the budget of a contract up to 25% with the City Manager's signature. Anything above that the contract would have to go back to the City Council for approval. The price quote from KLI for Option 4 fall within the limit the 25% limit. Considering KLI has only billed 68% of the budgeted amount for the first 2 years of sampling, we may be able to do a change order for under 15% which can be approved with just a Department Head signature, from David Koch the Public Works and Utilities Director

4) Update on Program Status:

- A) County sampling of Rivers and Creeks:** This was already discussed earlier in the meeting. Dane, Karen, Mary, Akin. and Dave met with people from CSUMB's Central Coast Watershed Studies (CCoWS) team after this meeting to discuss flow estimations of Creeks and Rivers.
- B) River Sampling:** The river sampler ran from late July to late August 2003 for the dry weather sampling for P.O.P., nutrients, and suspended solids. Enough samples (200 liters) were collected from all the river except for Carmel. The Carmel river site went dry after 40 liters of sample. Next year we will start the dry weather sampling in June. Mary recommended that the nitrate probes be recalibrated when the weekly grabs are taken from the river sites. That might correct the drift in the nitrate concentrations that we saw in the results from the previous sampling event
- C) Effluent Sampling:** The 4 plant effluents were sampled during the sample time interval as the river sampling.
- D) Sediment Sampling:** Sediment sampling is scheduled for October. Dane will try to add the replicate samples in this sampling event
- E) Mussel Sampling:** Mussel sampling was done in mid August. KLI was again unable to access Wild Cat Cove
- F) Proposition 13 Grant:** The Budget and Scope of work has been submitted to the Regional Board for this grant. Dane met with Bob Geyer and Bill Hays (of the City's Finance Department) and work out some problems. Dane will be the Project Director of this grant and to comply with requirements of the grant will be a temporary employee of the City of Watsonville.

5) Set date for next meeting: The next meeting was set for Thursday, November 6, 2003 10:00 to 12:00 noon at Watsonville WWTP.