

Meeting Minutes

CCLEAN Steering Committee

November 6, 2003

10:00 a.m. – 12:00 p.m.

Watsonville WWTP

Participants:

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

Mark Scheiter: Carmel Area Wastewater District (831) 624-1249 ex 230

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

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. Dave will be the web master of the CCLEAN website until it is set-up and then Dane will take over when the website is transferred to the new server. Barbara will send all the accepted minutes of past meeting to Dane who will send them to Dave to be included on the Website.

2) Financial Update: The cost of the Program to date is \$637,274.

The breakdown is:	Applied Marine Science	\$167,326
	MEC Analytical	\$ 99,258
	Kinnetic Laboratories (KLI)	\$ 285,880
	Monterey County	\$ 16,038
	Santa Cruz County	\$ 20,200
	Monterey Bay Analytical	\$ 6,650
	Administration Fee (7%)	\$ 41,691

As the CCLEAN lead agency the City of Watsonville has collected a total of \$607,466.80 from the member agencies. All agencies are up to date on payments except for the City of Santa Cruz. Akin was given a copy of the past due invoice and all further invoices will be sent to him instead of Steve Wolfman.

The program is under budget as far as invoices received, but Dane calculated out that with the approved program additions, the expenditures would exceed the budget at the end of 5 years (see attached graphs and spreadsheet). The 20% contingency fee that was subtracted from this fiscal year bills will have to be collected. We will have KLI just do two monitoring buoys for ambient P.O.P.'s and nutrients instead of four. Duplicate samples for nutrients will be taken when the buoys are deployed and retrieved. The duplicated samples for the benthic community analysis in the yearly sediment analysis will increase MEC's budget by 24%. When the change order is made we will have the duplicates as an option for the second year. After we get the results of this year's

sampling we may decide that the duplicates are not necessary. CCAMP may be able to take over some of the Stream and River sampling that the counties' staffs are now doing. Karen mentioned that changes in the program would have to be justified to the board since the CCLEAN program is in the dischargers' permits. Dane will work on developing the rationale for the changes.

3) Scope of work for background water sampling and additional benthic sample.

Dane has asked Kinnetics to update their ambient water sampling buoys with 2 sites instead of 4. He estimates that the cost will be \$63,000 for the first year and \$47,000 for the second year. The two buoys will be approximately 2 miles offshore inside the Monterey Bay. The locations are shown in figure 2.5 on page 20 of the CCLEAN Monitoring Program document. The site further offshore will be eliminated. As mentioned above the addition of replicate samples for the benthic sampling will increase the MEC budget by 24%

4) Update on Program Status:

County sampling of Rivers and Creeks: Dane, Basia, Karen, Mary, Akin and Dave met with Don Kozlowski from CSUMB's Central Coast Watershed Studies (CCoWS) team after September Steering Committee meeting to discuss flow estimations of Streams and Rivers. Dane gave us each a handout that describes 3 options for the estimating of stream flow in the ungauged streams in Monterey and Santa Cruz Counties. (See attached handout). Applied Marine Sciences recommends Option 2, Installation and Monitoring of Staff Gauges, in conjunction with Option 3, Model Constructed by Students Learning Advanced GIS at UC Berkeley (Spring of 2004). The cost for setting up the gauging stations would be approximately \$450 for material and \$600 in labor. The visiting of the 9 stations and collecting the data would be \$160 per month. The cost for Option 3 would be minimal and consist of the AMS staff time to present the problem to the Berkeley Graduate students plus travel time for 2 trips to Berkeley. There is some confusion of sample locations in Monterey County. With the budget restraints, the county staff is not sampling all of the locations during the winter months. We may need to work with other agencies, such as the Elkhorn Slough Foundation, to get the samples we want.

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. The wet weather sampling will be done in February.

C) Effluent Sampling: The 4 plant effluents were sampled during the sample time interval as the river sampling. The next sampling will also be in February. Dane will put it on the calendar on the Website.

D) Sediment Sampling: Sediment sampling was done 2 weeks ago. Replicate samples were collected

E) Mussel Sampling: Mussel sampling will be done in February as well

F) Proposition 13 Grant: We are in the queue for funding .

5) Set date for next meeting: The next meeting was set for Thursday, January 15, at Watsonville WWTP. There is a conflict with this date. They are having CPR training in the conference room. I propose to move the CCLEAN meeting to January 22, the next Thursday from 10:00 AM to 12:00 noon. Let me know if this date and time is a problem for you.