

Meeting Minutes
CCLEAN Steering Committee
April 7, 2009
10:00 AM to Noon
Watsonville Wastewater Treatment Plant

Participants:

Barbara Pierson: City of Watsonville, (831) 768-3179
Dane Hardin: Applied Marine Sciences, (831) 426-6326
Akin Babatola: City of Santa Cruz, (831) 420-6045
Garrett Haertel: Monterey Region Water Pollution Control Agency, (831) 883-6176
Mike Higgins: Central Coast Water Board. (805) 542-4649
Bob Geyer: City of Watsonville, (831) 768-3149
Ray von Dohren: Carmel Area Wastewater District, (831)624-1248
Lee Genz: Moss Landing Power Plant, (831)633-6785

Agenda Items:

- 1) **Review of last meeting minutes:** The minutes from the 3-3-09 meeting were approved, following a motion by Akin and a second by Garrett. Barbara will make a few minor changes, including the addition of our discussion about the bacterial monitoring at the 30 ft. depth contour that the dischargers do. After the changes are made, the minutes will be distributed to all steering committee members for final approval. They will then be posted on the website. The URL for the page on the CCLEAN website where the minutes are posted is: http://www.cclean.org/ftp/Program_Documents.html

- 2) **Report from Meetings:**

Barbara reported on an AWWA Webcast entitled “Perchlorate, Pharmaceuticals, and Other Emerging Contaminants” that she saw on March 25th. AWWA has sponsored a lot of work on emerging contaminants and a lot of work has been done by the Southern Nevada Water Authority. They have created a manageable list of endocrine disruption compounds of greatest concern focusing on 23 targeted compounds including pharmaceuticals, personal care products, and hormones. They have studied the effectiveness of different treatment processes in removing these compounds from wastewater and drink water. For more information about this webcast you can go to the website <http://www.awwa.org>.

Dane presented CCLEAN data in the Watershed Monitoring and Assessment workshop at the annual conference of the Salmonid Restoration Federation. He also informed us that he will present CCLEAN results at the Coast and Ocean Regional Roundtable (CORRT) meeting in Santa Cruz on April 20th. Monica Hunter, a member of the Regional Board, is the program director of this group.

Garrett is planning to attend the Specialized Conference on Assessment and Control of Micro pollutants/Hazardous Substances in Water in San Francisco on June 8-10, 2009, that Karen informed us about via e-mail. Prof. David Sedlak of the University of California at Berkeley is co-chair of this conference. Garrett would like to share a ride if anyone is interested in going.

- 3) **Financial Update:** The City of Watsonville has received \$214,460 from the member agencies and has spent \$230,865 for CCLEAN in FY 08/09.

The breakdown is:

Applied Marine Science	\$ 71,665
NewFields	\$ 58,000
Kinnetic Laboratories (KLI)	\$ 83,938
Monterey Bay Analytical	\$ 100
City of Santa Cruz	\$
City of Watsonville	\$ 1280
Administration Fee (7%)	\$ 15,103

Lee asked that in the future, if multiple quarterly bills are sent out in a short period of time, to please consolidate them into one invoice. His parent company is in Houston and he had to get authorization to pay each bill separately.

- 4) **Budget for 09/10 Fiscal Year:** Everyone has submitted flow data from each of the plant in 2008 to Dane. Garrett had just e-mail the information and Dane hadn't seen it yet. When Dane returns to his office he would calculate the average flow for each of the plants over the past 5 year (2004 – 2008) and calculate what each member agency will owe for the fiscal year 09/10. This information will be sent by e-mail out to all the members.

- 5) **CCLEAN Bylaws:** We went over the bylaws again and reviewed comments that Ray had submitted to Bob. After some detailed discussion on the bylaws, Mike asked if we could move on to the Endocrine Disrupting Bioassay. We did this and then finished the discussion on the bylaw. We came to a consensus on all the issues that were raised. Bob will make all the changes and e-mail them out to all members for a final review. Then the bylaws will be posted on the website. Bob will start working on a new MOA when he has more time after the city's budget issues have been resolved.

- 6) **RFP and RFO for CCLEAN Consultants:** We all agreed that we are happy with the work that Dane and Applied Marine Science have been providing, but that we maybe should do a "request for proposal" for all consultants that work for CCLEAN. We discussed the issue for a while, but didn't come to a conclusion. The issue was tabled for a later meeting.

- 7) **Endocrine Disrupting Bioassay Screening:** Bob is working with UC Davis on the contract for the Bioassay Screening. There has been some discussion of who will own the data, CCLEAN or UC Davis. We all agreed that CCLEAN will own the data and it will be part of the public record after it is submitted to the Water Board. We have sent the Granite Canyon group/UC Davis a letter of intent and they have started work on raising the brood stock of the fathead minnows. They are planning to do the first sampling and run the tests in August (the next dry season). We discussed what will be done once we have one year of data (2 batches: dry season and wet season). Mike explained that he will work with us to decide what the next step will be, considering the results that we get. Akin said that the City of Santa Cruz is already doing ELISA analyses of their wastewater for 4 different estrogen type compounds. They have a preliminary finding that shows that the landfill leachate has higher concentrations of estrogen than their plant effluent.

8) **Project Update:**

- A) **Effluent Sampling:** The high volume water sampling started between February 23 -27 at all the plants and was completed the last week in March
 - B) **Sediment Sampling:** The sediment sampling was done in October.
 - C) **Mussel Sampling:** Mussel sampling was done in March
 - D) **Offshore Ambient Monitoring:** The buoys were deployed on February 20th and will be retrieved today, 4/7/09.
 - E) **Proposition 50 Grant:** The grant funding for the Coastal Pathogens Study has been frozen by the state. The funds probably will not be available until January of 2010. Dane has requested stimulus money to get the project up and running again. EPA has to decide whether stimulus money can be used for non-construction projects. (Note: Dane's request was denied. He is now working with the Santa Cruz Resource Conservation District for funding.)
- 9) **Set Date for the next Meeting:** The next meeting was set for Tuesday, May 5, 2009 at the Watsonville WWTP from 10:00 to 12:00.

Items not on the Agenda:

- 1) Dane asked if he could pursue funds from the Monterey National Marine Sanctuary to resume the River sampling. Garrett said that as long as it doesn't cost the member of CCLEAN any money it would be OK. Everyone agreed.