

# Meeting Minutes

## CCLEAN Steering Committee

October 30, 2007

10:00 – 12:00 a.m.

### 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

Lee Genz: Moss Landing Power Plant, (831) 633-6785

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

Karen Worcester, Regional Water Quality Control Board. (805) 549-3333 (Speaker Phone)

#### Agenda Items:

1) **Review of last meeting minutes:** The minutes from the 9-18-07 meeting were approved. They will be posted on the website.

2) **Financial Update:** The City of Watsonville has collected \$1,784,024.80 from the member agencies over the past 6 years and has spent \$2,668,449

The breakdown is:	Applied Marine Science	\$578,624
	Weston Solutions	\$376,628
	Kinnetic Laboratories (KLI)	\$1,414,009
	Monterey County	\$ 34,665
	Santa Cruz County	\$ 45,400
	Monterey Bay Analytical	\$ 20,815
	City of Santa Cruz	\$ 6,524
	City of Watsonville	\$ 12,635
	Carmel Area Wastewater	\$ 3,098
	BC Laboratories	\$ 6287
	Brock Bernstein	\$ 10,000
	Administration Fee (7%)	\$175,608

The City has received the final payments for the 06-07 fiscal year from Carmel and from the City of Santa Cruz. Monterey Regional still owes \$15,000 for last year. When that payment is received the books for the first 6 years of CCLEAN can be closed out, and we can start fresh with fiscal year 2007-08. Barbara will have a summary of all the money received and spent for the first 6 years of the CCLEAN Program for the next meeting.

New contracts and P.O.s have to be done for all the consultants (AMS, KLI, and New Fields Northwest LLC (formerly know as Weston Solutions, and before that MEC)) working for CCLEAN. Dane will get the Scope of Work for KLI and Applied Marine Science to Barbara by the end of the week. He has already sent the scope of work for New Fields Northwest LLC.

3) **December's Regional Board Meeting:** The renewal of Carmel's and Monterey Regional's permits have been postponed until the March 21<sup>st</sup> Regional Water Quality Control Board meeting, which will be held in Salinas. Dane and Akin plan to get together during the last half of November to work on developing a list of CEC compounds to add to our effluent monitoring. They will come back to us at the next meeting and we can all review the list. Along with the list of contaminants, they will also have the methods used to detect these compounds and recommendations for CCLEAN activities over the next five years.

Karen will give an update of the CCLEAN Program to the Regional Board at the March 21<sup>st</sup> meeting as well. We need to have information to her about what CCLEAN will be in the future by the first of February. We decided that Stream and River monitoring will be eliminated (the Pajaro & the San Lorenzo will be continued and paid for by Watsonville and Santa Cruz independently); mussels will be sampled only during the wet season. We will add some contaminants of emerging concern to our effluent monitoring and consolidate the CCLEAN effluent sampling with the compliance sampling that each of the plants currently do separately. We need to decide on which integrated sampling method we want to use. Akin has sent Dane and other members of the Steering Committee the results for the effluent sampling of Santa Cruz's WWTP that was done in March 2007. Santa Cruz was sampling with the semi-permeable membrane-sampling device and CCLEAN was sampling using the solid phase extraction method during the same time period. None of us were able to open the document with the Santa Cruz WWTP results and Akin will send a revised document. With these data we can compare the two methods. Akin mentioned that in the City of Santa Cruz's permit the exact method of integrated sampling is not described.

We discussed whether metals sampling should be done with an integrated method over a month period. The fact that we get results for most of the metals with the 24-hour composite sampling reduces the need to sample over a longer period of time. Barbara mentioned that Jim Crowley, the Source Control Manager, was doing a local limits study and has monthly metals results for the Watsonville's effluent. The results do not vary that much from month to month. Barbara said she would send Jim's results spreadsheet to Karen (done).

4) **Budget, MOA, for Fiscal Year 07-08** We decided that the MOA can be done via E-mail. Ray from Carmel has edited the draft MOA that Bob sent him. We just need comments from Santa Cruz and Monterey Regional. We agreed to get this done by the end of November.

5) **Report from Meetings.**

A) **WEFTEC:** Both Akin and Ray attended the annual Water Environment Federation meeting in San Diego October 12<sup>th</sup> through the 18<sup>th</sup>. WEF is the national association, of member states. CWEA (California Water Environment Association) is the California Member Association for wastewater professionals.

Over the week, 300 technical sessions are offered. The hard part was deciding which sessions to go to. Akin moderated a laboratory session, and participated on a panel workshop on Contaminants of Emerging Concern. There was a report from the Boulder Colorado wastewater treatment plant where a joint project with the University of Colorado, the USGS and the City's Public Works Department has set up a flow through toxicity system to assess process and effluent toxicities of EDC. They were seeing feminization of Fathead minnows over a relatively short period of time. Karen mentioned that they were finding gobies with gonadal tumors in Morro Bay.

Ray attended sessions geared more towards management. One topic that was widely discussed was the sustainability and personnel replacement strategies for the Wastewater industry. With so many baby boomers approaching retirement, and fewer people entering the industry, we need to work on recruiting young people. The average age of a wastewater operator, nation wide, is 49 years old.

- B) The Central Coast Water Quality Data Synthesis, Assessment and Management (SAM) Project. This meeting will be held on Thursday, November 1<sup>st</sup>, at the NOAA office near Long Marine Laboratory in Santa Cruz.
- C) There is an ASBS stakeholders meeting on Friday, November 2, 2007, at the Monterey Conference Center.

6) **Project Update:**

- A) **River Sampling:** This will just be the Pajaro and San Lorenzo Rivers. The cost will be covered by Watsonville and Santa Cruz respectively. They will be sampled during the same time period as the Effluent sampling.
- B) **Effluent Sampling:** The dry weather sampling was completed in the first week of October 2007
- D) **Sediment Sampling:** will not be done this year. Data analysis of the historical results over the last 6 years will be done instead.
- E) **Mussel Sampling:** Mussel sampling will be done during the wet season.
- F) **Offshore Ambient Monitoring:** The dry weather sampling has been completed.
- F) **Proposition 50 Grant:** Stormwater sampling at 3 locations on Central Coast will begin this season. Dane has lined up volunteer samplers from the Sanctuary's "First Flush" program. The criteria that will be used to determine if a storm is big enough to warrant sampling will be sheeting runoff on streets and flow in gutters. Three samples will be collected at 1.5-hour intervals beginning when conductivity drops 50 % in the culvert. The quarterly influent and effluent sampling of the Treatment Plants will continue. The next sampling is set for December 10, 2007. The wetland Microcosm will be set up next summer

- 7) **Set Date for the next Meeting:** The next meeting was set for Wednesday, December 12, 2007 at the WWTP in Watsonville. The time will be 10:00 am to 12:00 pm.

**Note:** Karen has a conflict with this meeting date. Can we move the meeting to the next week? She is available the 20<sup>th</sup> or the 21<sup>st</sup> of December.