

Meeting Minutes  
CCLEAN Steering Committee  
November 3, 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

Garrett Haertel: Monterey Regional Water Pollution Control Agency, (831) 883-6176

Mike Higgins: Central Coast Water Board, (805) 542-4649

Lee Genz: Moss Landing Power Plant, (831) 663-6785

Hank Matz: Carmel Area Wastewater District, (831) 624-1249 x234

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

**Agenda Items:**

- 1) **Review of last meeting minutes:** The minutes from the September 15<sup>th</sup> meeting were accepted as written. The URL for the page on the CCLEAN website where the minutes are posted is: [http://www.cclean.org/ftp/Program\\_Documents.html](http://www.cclean.org/ftp/Program_Documents.html)
- 2) **Endocrine Disrupting Bioassay Screening:** We decided, because of staffing issues, that it would be easier to do the Bioassay and high volume effluent sampling in January. Note: We found out after the meeting that the lab had already started the 3 week pretest and the fecundity of the fish was good. It was decided that we would start the effluent sampling for the Bioassay screening on November 18<sup>th</sup>. A 24-hour composite effluent sample from each of the plants will be picked up by Granite Canyon staff every morning for 21 days.
- 3) **Effluent sampling:** The wet-weather high volume water sampling of the WWTF effluents will be done in January. The issue of high chlordanes, which exceeded permits limits in the March 2009 effluent samples, was discussed. The lab blank for the March 2009 samples also had high chlordanes. For both the blank and effluent samples, the high values were the result of high oxychlordanes, which in every sample was given QA codes of JA and SC by Axys denoting results were “surrogate corrected, peak detected, but did not meet quantification criteria, result reported represents the estimated maximum possible concentration.” Kinnetic Labs reported all these data with the result qualifier code of “=.” If either the effluent results were blank-corrected or a different result qualifier code was used there would have been no permit violations. Dane is going to have Axys Laboratories rerun the effluent samples. Then Watsonville will amend the first semiannual results for 2009. This discussion also included consideration of whether there should be additional criteria included in the CCLEAN QAPP for determining how to report data for analytes in which both the lab blank and field samples have qualified results that are non-quantifiable.
- 4) **Project Update:**
  - A) **Effluent Sampling:** Effluent sampling was done between August 24<sup>th</sup> and October 13<sup>th</sup> depending upon the flow at each of the treatment plants. The next effluent sampling will begin in January.
  - B) **Sediment Sampling:** The sediment sampling was done on October 29<sup>th</sup>. The six sites included in this year’s program have been changed back to their original locations. The two historic sites SedRef 01 (far northern end of site distribution) and SedDep 04 (far northern end of site distribution) are no longer being sampled.

- C) **Mussel Sampling:** Mussel sampling will be done in January.
  - D) **Offshore Ambient Monitoring:** The wet-season offshore monitoring will be done over the same time period as the effluent sampling.
  - E) **Proposition 50 Grant:** There have been several unsuccessful attempts to get funding to complete the "Monitoring and Mitigation to Address Fecal Pathogen Pollution along the California Coast" project, from state bond sales and the federal stimulus package. There will be another bond sale in February, which could provide funds to restart the project.
- 5) **Annual Report:** Dane distributed a list of data that he needs from each discharger for the 08/09 annual report to all committee members. He will send by e-mail the dates that the high volume water sampling was done at each of the plants. He needs total volume discharged on these dates. He would like the data by November 20<sup>th</sup>.
- 6) **Report from Meetings:**
- A) Dane and Barbara attended a workshop entitled "Watersheds, Water Quality, and a Changing Climate" on October 23<sup>rd</sup> at Moss Landing Marine Laboratories. It was hosted by the Monterey Bay National Marine Sanctuary and the Central Coast Wetlands Group. It was a very interesting workshop. Both Urban and Agricultural water quality issues were discussed as well as monitoring efforts and the effects of climate change. Some of the speakers were Bryan Largay from the Elkhorn Slough National Estuarine Research Reserve, Tom Reeves from the City of Monterey, Dr. John Ryan from MBARI, and Dr. Lorraine Flint from USGS. Dr. Jane Lubchenco, the new director of NOAA, delivered the closing remarks.
  - B) Akin attended a CeNCOOS (Central and Northern California Ocean Observation System) workshop October 6-7<sup>th</sup> in Moss Landing. He also attended WEFTEC in Orlando Florida October 9-14<sup>th</sup>. Some of the technical sessions he attended included discussions of fine tuning the Clean Water Act to include EDCs, and making permits with more teeth in them. Kennedy Jenks presented information about nano-particles and Shane Snider presented his work with Rainbow trout and their sensitivity to endocrine disrupting compounds. He found that the trout are more sensitive to EDCs than minnows.
- 7) **Financial Update:** The City of Watsonville has received \$164,633 from the member agencies and has spent \$16,517 for CCLEAN in FY 09/10
- The breakdown is:
- |                             |           |
|-----------------------------|-----------|
| Applied Marine Science      | \$ 13,997 |
| NewFields                   |           |
| Kinnetic Laboratories (KLI) |           |
| Monterey Bay Analytical     | \$ 200    |
| City of Santa Cruz          |           |
| City of Watsonville         | \$ 1,240  |
| Administration Fee (7%)     | \$ 1,081  |
- All agencies are current on their payments. The next quarter billings will go out in January. There are more invoices expected soon for work that has been done by the consultants.
- 8) **Set Date for the next Meeting:** The next meeting was set for Tuesday, January 5, 2010 at the Watsonville WWTP from 10:00 to 12:00. The meeting will be held at the new building, the City of Watsonville's Water Resources Center at 500 Clearwater Lane. The new access road is just before Panabaker Lane off of West Beach in Watsonville.

**Items not on the Agenda:**

- 1) AMS had previously submitted CCLEAN data to the Water Board through the data portal in use at that time, but it had never been checked and approved by Water Board staff. AMS also recently completed updating data templates with all the subcontractors to make data submittal and quality assurance procedures more efficient. Karen has asked Dane to resubmit the previous CCLEAN data, but it was found that the data submittal portal now requires the data to be split into 4 new templates. Dane says it could take about 40 hours to make this revision for the previously submitted data. The Committee agreed that requiring additional formatting of the previously submitted data was an unreasonable request and we are unwilling to pay for the additional required work.