

**PLACER COUNTY AIR POLLUTION CONTROL DISTRICT
BOARD OF DIRECTORS**

**August 14, 2008
2:30 P.M.**

Meeting Minutes

The Board of Directors of the Placer County Air Pollution Control District met in session at 2:30 P.M., Thursday, August 14, 2008 at the Placer County Board of Supervisors' Chambers, 175 Fulweiler Avenue, Auburn, California. Representing the District were: Tom Christofk, Air Pollution Control Officer; Todd Nishikawa, Compliance and Enforcement Manager; Yu-Shuo Chang, Planning and Monitoring Manager; Jane Bailey, Administrative Services Manager; and Don Duffy, Associate Engineer.

1. **Call to Order:** Kent Nakata
2. **Flag Salute:** Mike Holmes
3. **Roll Call / Determination of a Quorum:**
Present: Mike Holmes, Robert Weygandt, Tom Millward, Kent Nakata, Jim Holmes, Peter Hill, Kirk Uhler and Jim Gray
Absent: Sherrie Blackmun
Quorum established
4. **Approval of Minutes:** June 12, 2008 Preliminary Budget and Regular Board Meeting
Motion: M. Holmes/Gray/Unanimous
5. **Public Comment:** None
6. **Synopsis of Agenda** (information only, no action needed)
7. **Approval of Agenda:**
Motion: J. Holmes/Millward/Unanimous

Consent Calendar Items:

8. **Budget Revision #08-06: (Consent/Action)**
Approve BR #08-06 thereby moving the Sierra Pacific Industries settlement funds (\$2,742,500) and recovered litigation funds (\$700,000) from the operational budget to separate budgets in FY 2007-08.
9. **TIAX, LLC Technical Services Contract: (Consent/Action)**
Approve Resolution #08-08 thereby authorizing the Air Pollution Control Officer to negotiate sign and amend, as needed, a multi year contract with TIAX, LLC. This

agreement is for technical support to assist in defining continuous emissions monitoring systems (CEMS), continuous opacity monitoring systems (COMS) and stack testing procedures in order to meet federal requirements.

Motion for approval of Consent Items: Gray/Uhler/Unanimous

Public Hearing/Action Item(s): 10&11

10. Approval of Proposed Final Budget FY 2008-09 (Public Hearing/ Action)

Ms. Bailey, Administrative Services Manager, stated that she had planned to do a presentation of the FY 2008-09 Final Budget in a public hearing, however, as there were no members of the public present, and no public comment was received otherwise, she said she would be happy to answer questions from the Board and forgo the formal presentation. Chairman Nakata asked if there were any questions from the Board. There were no questions from the Board and Chairman Nakata asked for a motion to approve the Final Budget for FY 2008-09.

Motion for approval: Gray/Millward/Unanimous

11. Amendment to Rule 412: Registration Requirements for Stationary and Portable Compression Ignition Engines Used in Agricultural Operations (Public Hearing/ Action)

Mr. Don Duffy, Associate Engineer, presented this item and used a Power-Point Presentation along with his verbal report. He said that after the original adoption of Rule 412 on December 13, 2007, the California Air Resources Board (CARB) send a comment stating that Section 103.2 of the rule exempted agricultural emergency standby generators from registration. The intent of the Airborne Toxic Control Measure (ATCM) for diesel particulate matter from stationary compression ignition engines rated at 50 brake horsepower or above, was to exempt these engines from replacement but not from registration. The CARB recommended that the District delete Section 103.2 from Rule 412.

Currently, 56 agricultural engines have been registered. Of these engines, 55 are stationary or portable water pumps and one is for an emergency generator at a poultry raising operation. While the emergency generator was exempt according to Rule 412, the District had received the CARB comment and was intending to amend Rule 412 and delete the emergency generator exemption. Accordingly, when the unsolicited application for registering the emergency generator was received, a registration was issued.

Since the one known emergency generator is already registered there will be no additional cost to the owner/operator. The potential users of any additional agricultural emergency generators will most likely be poultry raising operations that use emergency power to keep

eggs and young chicks warm. There are three other known poultry growing operations in the District that may have emergency generators.

The District held a public hearing on this amendment and published notices in local papers, as well as, sending out a mailer to current registration holders and poultry raising operations. No public comment was received.

Mr. Duffy concluded his presentation and asked for questions. Chairman Nakata opened public comment and as there was no public comment, he asked for a motion to amend Rule 412.

Motion: Hill/Weygandt/Unanimous

Information Item(s):

12. **Roseville Railyard Air Monitoring Project (RRAMP) Annual Report (Information)**
Dr. Yu-Shuo Chang, Planning and Monitoring Manager, used a Power-Point Presentation with graphs and charts that showed the results of the third year data analysis for the RRAMP. Dr. Chang said that the entire report from Desert Research Institute (DRI) will be posted on the District website for public review after the meeting.

The data for the report was collected in the summer of 2007 between June and October and focused on air monitoring at locations upwind and downwind from the Roseville Rail Yard. In addition to the review and analysis of 2007 summer data DRI conducted two additional tasks to estimate the amount of DPM impacting the downwind area and to determine any discernible trends in reduced impacts over the three year period of emission mitigation efforts implemented by Union Pacific Rail Road (UPRR).

The instruments used at the monitoring sites were consistent with the previous two years and both pairs of instruments functioned properly throughout the monitoring period. DRI re-processed the 2005 data in the same manner as the 2006 and 2007 data in order to draw consistent conclusions for the three year trend analysis. Once the subset of appropriate data was determined, the report evaluated the differences between the upwind and downwind site concentrations of black carbon (BC), particulate matter (PM2.5), Nitrogen Oxide (NO), and Oxides of Nitrogen (NOx).

The 2007 monitoring period showed higher concentrations of emissions at the Church Street site than the Denio's site which is different than in previous years. Overall, there is evidence of substantial impact to the downwind sites for all the emissions being monitored. In the three year trend analysis it appears that the reductions in the impact of the downwind sites concentrations are responsible for the decrease in PM2.5, NOx and NO. However, there is no clear temporal pattern for the upwind/downwind difference in PM2.5 and no consistent temporal pattern evident for BC at any of the sites.

Earlier this year, the Technical Advisory Team (TAC) for the project recommended that one more year of monitoring should be done in order to have three summers of consistent monitoring where trends in emissions could be seen more clearly. The EPA Region IX awarded \$50,000 funding to the District for the 2008 summer study and UPRR provided an additional \$30,000 as well. This amount should cover the 2008 data analysis, the multi-year trend analysis and consultant services. The District will bring the results of the 2008 RRAMP analysis to the Board in the spring or summer of 2009.

13. Air Pollution Control Officer's Report

a. Update on ALECS (aka Hood) Phase II Testing:

Mr. Duffy gave a brief report on the Advanced Locomotive Emission Control System (ALECS) Phase II testing project. The Phase II project consists of three tasks: to develop an emissions capture system for multiple engines (up to six in this phase) at one time, identification of an appropriate site at the rail yard to place the equipment, and "value engineering" of rail operations around the demonstration site which would tie in existing rail operations with the new process.

This phase of the demonstration will include development of the capture system to make it as automated as possible. This will hopefully result in the bonnet (hood) dropping onto the stack with little or no intervention by rail road staff. The emissions will not be treated in this phase since the scrubbers used in the previous demonstration are in use at the Long Beach Harbor and the scrubbing technology was proven at the last demonstration. It was determined after the Phase I demonstration that the placing and sealing of the bonnet to the stack was the technology that needed further improvement.

The team on this project is the same as the first time with the addition of the Bay Area AQMD and the City of Commerce in Southern California. Both have contributed funds and have technical staff involved in the progress of the project. The cost of the project is estimated to be \$1.5 million including actual dollars and in-kind contributions of technical support, management, development and implementation of the equipment.

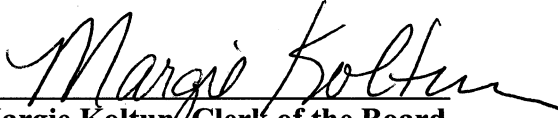
The Phase II project began in April of this year and the site is scheduled to be operational in July of 2009. The demonstration should be completed by the end of January 2010 with a final report expected by April 30, 2010.

b. Fiscal Update:

Ms. Bailey said that the balance sheets for the month of July showed that the

ending fund balance totalled \$1.6 million and the District has received \$.5 million in revenue. The encumbrances, mostly for clean Air Grants, total \$2.8 million. The cash in the treasury is the total of the encumbered funds, the ending fund balance plus the revenue received (\$4.5 million). She said that July is typically a "holding" month until the budget is approved in August. Now that the budget has been approved, Staff will carry out the projects that were approved within the FY 2008-09 budget.

14. **Motion to adjourn:** J. Holmes/Millward/Unanimous


Margie Koltun, Clerk of the Board