

District Highlights

December 15, 2011 Actions by the Governing Board

- 2011 Governing Board Chair, Tulare County Supervisor Steve Worthley, welcomed **new Governing Board Member** Alexander Sherriffs, MD, a Fowler family practice physician, who was appointed by the Governor to serve on the Board. He also will represent the Valley on the California Air Resources Board. The efforts of **outgoing Governing Board members** Ann Johnston, Stockton Mayor, and Taft Councilmember Randy Miller also were recognized. In accordance with the adopted rotation schedule, Stanislaus County Supervisor William O'Brien was elected **Board Chair for 2012** and Tulare Councilmember Skip Barwick was selected as **Vice Chair**.
- The Board approved new projects for the District's **Technology Advancement Program** and authorized \$2,947,694 in funding. The program's primary goal is to advance technology and accelerate deployment of innovative clean-air technologies. The projects and amounts are:
 - \$350,000 for Pure Power Technologies' proposal to demonstrate a non-urea NOx reduction retrofit system for diesel trucks;
 - \$300,000 for California Bioenergy's proposal to demonstrate advanced two-stage controls to a biogas engine system to achieve near-zero NOx;
 - \$258,000 for US Hybrid Corp.'s proposal to demonstrate a plug-in hybrid wheel loader in a dairy application, and \$292,830 for their demonstration of a plug-in hybrid propane/electric work truck;
 - \$75,580 for Energy Conversions Inc.'s proposal to demonstrate a natural gas conversion kit for two-stroke diesel locomotive engines;
 - \$370,534 for Electricore Inc.'s proposal to demonstrate a fully autonomous agricultural sprayer based on a zero-emission, all-electric vehicle platform;
 - \$28,250 for Sun-Maid Growers of California's proposal to demonstrate an emission-reducing raisin tray burning system;
 - \$300,000 for Thermata's proposal to demonstrate a concentrating solar steam system to offset boiler fuel consumption and emissions;
 - \$250,000 for Leva Energy Inc.'s proposal to demonstrate a power-generating burner that recovers wasted energy through a microturbine;
 - \$242,500 for the City of Manteca's proposal to demonstrate a serial hybrid hydraulic refuse truck;
 - \$230,000 for the Association of Compost Producer's proposal to demonstrate a positively aerated static compost pile system;
 - \$350,000 for PG&E Fleet Engineering's proposal to demonstrate an extended range electric drive Class 6 bucket truck with electric worksite operation capacity.

The Board also allocated \$3 million for the next TAP RFP to solicit additional demonstration projects for emission-reduction technologies.

- The Board approved amendments to four rules including **Rule 4402 (Crude Oil Production Sumps)**, which prohibit first stage sumps, update test methods, clarify existing requirements and add new requirements for recordkeeping and for use of emergency pits. Amendments to **Rule 4352 (Solid Fuel Fired Boilers, Steam Generators and Process Heaters)**, lower NOx emission limits, add definitions and remove outdated sections for rule clarity. Amendments to **Rule 4625 (Wastewater Separators)**, add new definitions for improved clarity, increase required vapor control efficiency, remove all exemptions, update test methods and include new recordkeeping and inspection requirements. And, amendments to **Rule 4682 (Polystyrene, Polyethylene, and Polypropylene Products**

Manufacturing), separate the VOC limits for foam extrusion facilities and expandable polystyrene (EPS) foam facilities and add a daily VOC limit for EPS facilities. These amendments are expected to satisfy Clean Air Act requirements for reasonably available control technology (RACT) and to result in full EPA approval of these rules.

December Healthy Air Living Tip

From November through February, be sure to *Check Before You Burn* and consider replacing your traditional fireplace with a pellet stove or an EPA-certified woodstove to help reduce the amount of pollutants released into the atmosphere. For more information about “Burn Cleaner” woodstove change-out grants, visit www.valleyair.org.

October - November District Activities *Outreach and Communications*

- In October and November, Outreach and Communications transitioned from summer ozone outreach to **Check Before You Burn** communications. A new media campaign was rolled out and OC staff and management targeted north Valley media for one-on-one meetings that resulted in welcoming Sacramento market media as important new media partners.
- OC continued to revamp and improve the **Healthy Air Living Partners** program and enhance the website. **The 2012 Healthy Air Living Kids Calendar** entered production. Fine-tuning continued for the Real-time Air Advisory Network (RAAN) and more schools Valley-wide signed on for the Air Quality Flag Program.
- OC responded to 152 public calls or emails and 51 media calls in October and November. Ten news releases sent to Valley-wide media focused on a variety of topics, including Check Before You Burn, ozone exceedance exemption requests and new Governing Board members. District staff took part in 20 outreach events during the two months.

Grant and Incentive Programs

- The District received 534 incentive program applications in October and November. 350 were for the Wood Stove Change Out Program and 77 were for the Heavy Duty Engine Program.
- \$9,394,779.86 was placed under contract in the Heavy Duty Engine Program grant funds in October and November. \$9,085,668.70 in Heavy-Duty Engine Program claims were paid.

Component	Number of Claims	Amount Paid
Ag Engine	19	\$ 402,579.87
Ag-UTV	4	\$ 8,276.00
Off-Road	20	\$ 889,381.11
On-Road Prop 1B	59	\$ 2,847,000.00
On-Road VIP	15	\$ 475,000.00
On-Road DERA VIP	15	\$ 490,547.05
School Bus Replacement	19	\$ 1,856,001.51
School Bus Retrofit	338	\$ 2,049,718.68
School Bus Tank Replacement	4	\$ 67,164.48

Heavy-Duty Emission Reductions (tons)

• NOx	1,301
• PM	198
• ROG	194
Total:	1,633

- \$230,000 was paid out in Technology Advancement Program claims in October and November.
- \$82,508.29 was paid out in REMOVE II Program claims.
- \$27,100 in Wood Stove Change Out Program claims were paid and 55 claims were processed.

Operations Overview

- **Compliance** completed 3398 inspections in October and 2737 in November. 237 NOVS were issued in October and 254 in November. Mutual settlement case completions totaled 158 in October and 170 in November.
- **Permits** received 207 applications in October and 255 in November. 386 permits were issued in October and 1074 in November.
- **Strategies and Incentives** received 49 smoking vehicle reports.
- **The District** received 118 environmental documents for review in October and 112 in November.

Upcoming Meetings

Governing Board*
9 a.m. Thurs., Jan. 19

Citizens Advisory Committee*
10 a.m. Tues., Jan. 3

Environmental Justice Adv. Grp.
5:30 pm Tues., Jan. 24

Meetings are held in the Fresno office Governing Board Room and via video teleconference to the Modesto and Bakersfield offices. Details: www.valleyair.org

**Webcast*