



# Advanced Environmental Controls Consulting and Engineering Services, Inc.

*SERVING INDUSTRY & THE ENVIRONMENT*

## Environmental *focus*

### *Air Quality News*

#### **SCAQMD 2010 Annual Emissions Report**

- The 2010 SCAQMD Annual Emissions Report must be submitted by March 1, 2011
  - Facilities required to file a report:
  - Every facility that receives the Annual Emissions Reporting notification;
  - Facilities that have estimated annual emissions of 4 tons or greater for SO<sub>x</sub>, NO<sub>x</sub>, VOCs, and Particulate Matter;
  - Facilities that have estimated annual emissions of 100 tons or greater for CO;
  - Facilities that have estimated annual emissions of TACs greater than Rule 301 thresholds;
  - Every facility subject to the AB2588 program for reporting quadrennial updates to its emissions inventory.
- The 2010 AER must be filed using the SCAQMD's web-based tool, AER-Web.
- GHG emissions may also be reported using the tool, but this is not mandatory.

#### **SCAQMD Rule 1315 – Federal New Source Review Tracking System**

- Rule 1315 was originally adopted in 2006 to:
  - Formalize AQMD's accounting methodology used to track debits and credits to AQMD's federal offset accounts;
  - Remove certain categories of offset credits from AQMD's federal offset accounts;
  - Track creditable and eligible offset sources in AQMD's federal offset accounts, including surplus emission reductions from minor sources.
- Rule 1315 was challenged in court in 2006, resulting in the permit moratorium that was in effect during 2009.
- Proposed Rule 1315 includes several new definitions, and introduces the concept of tracking cumulative net emissions increases.
- The adoption of Rule 1315 will allow SCAQMD to continue to issue permits to facilities requiring offsets from the Priority Reserve (essential public services) and to sources exempt from offset requirements per Rule 1304.

#### **Amendments to CARB Off-Road Equipment and On-Road Truck and Bus Regulations**

- On December 17, 2010 CARB adopted amendments to both Off-Road and On-Road Diesel Fueled Vehicle Regulations.
- For a detailed summary of the changes enacted, please refer to the [AEC November 2010 Environmental Focus](#).

#### **CARB Endorses Cap-and-Trade Regulation**

- On December 16, 2010 CARB adopted the cap-and-trade regulation in an effort to reduce California GHG emissions.
- The reg. sets a statewide limit on the emissions from industries that generate 80% of CA GHGs.
- The program is designed to provide facility's the flexibility to implement the most cost effective emission reductions.
- The program will cover the following industries:
  - Starting in 2012: electricity, including imports and large industrial facilities;
  - Starting in 2015: Distributors of transportation fuels, natural gas, and other fuels.
- Refer to the [AEC November 2010 Environmental Focus](#).

#### **SCAQMD Rules Recently Adopted or Amended**

Regulation XXVII – Climate Change (Amended)  
Rule 1143 – Consumer Paint Thinners and Multi-Purpose Solvents (Amended)  
Rule 1193 – Clean On-Road Residential and Commercial Refuse Collection Vehicles (Amended)  
Rule 1315 – Federal New Source Review Tracking System (Proposed)  
Rule 1415 – Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems (Amended)  
Rule 1420.1 – Emissions Standards for Lead from Large Lead-Acid Battery Recycling Facilities (Adopted)

## SCAQMD Rule 1147 Compliance

- On December 22, 2010, SCAQMD released an advisory notice relating to proposed amendments and delayed enforcement of certain provisions of Rule 1147.
- SCAQMD is proposing to:
  - Remove the requirement to install time meters on combustion equipment;
  - Remove the requirement to install a fuel meter for equipment complying with the NO<sub>x</sub> ppm limits;
  - Extend deadlines for demonstrating compliance with NO<sub>x</sub> emission limits by approximately one year.
- SCAQMD will not be issuing NOV's and NTC's for the items listed above. Previously issued NOV's and NTC's will be cancelled.
- SCAQMD staff will hold workshops with stakeholders to evaluate the proposed amendments.
- SCAQMD anticipates the proposed amendments to be ready for Governing Board adoption by May 2011.

## Coastal Air Credits for Sale

15 pounds PM<sub>10</sub> ERC  
75 pounds VOC ERC

## Coastal RTC's for Sale

40,000 – 50,000 pounds 2011 Cycle 1  
40,000 – 50,000 pounds 2011 Cycle 2

## ASK THE EXPERTS ?

**Please Contact Us:**

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## Hazardous Waste Source Reduction and Management Review Act of 1989 – SB14

- SB14 applies to facilities that generated more than 12,000 kg (~26,400 lbs) of hazardous waste or 12 kg (~26.4 lbs) of extremely hazardous waste in 2010.
- Applies to "routinely" generated hazardous waste.
- SB14 requirements recur every four years.
- Three documents must be prepared by September 1, 2011:
  - Source Reduction Evaluation Review and Plan
    - A forward looking document that must include an estimate of the quantity of hazardous wastes generated, an evaluation of potential source reduction strategies, a timetable for implementing selected reduction strategies, and a 4-year numerical goal.
  - Hazardous Waste Management Performance Report
    - A retrospective document that must include an assessment of the effectiveness of the previously selected waste reduction strategies.
  - Summary Progress Report
    - Summarizes the results of implementing the waste reduction strategies identified in the previous Plan and the amount of reduction anticipated by the strategies in the current plan.

## San Joaquin Valley APCD – Ozone Attainment Status

- On April 15, 2010 the SJVAPCD was officially reclassified as "extreme" non-attainment for Ozone.
- This lowers the major source threshold for NO<sub>x</sub> and VOC to 5 tons of actual or 10 tons of potential emissions.
- Facilities exceeding these thresholds must submit applications to obtain Title V operating permits.
- SJVAPCD will be holding informational workshops on January 18, 25, and 27, 2011.

## Upcoming Reporting Deadlines

DELIVERABLE	DEADLINE
SCAQMD NO <sub>x</sub> Monthly Report for RECLAIM Facilities	15 <sup>th</sup> of every month
SCAQMD QCER for RECLAIM Cycle 2	January 30, 2011
Business Emergency Response Plan (San Bernardino County)	March 1, 2011
SCAQMD APEP for RECLAIM Cycle 1	March 1, 2011
SCAQMD Annual Emissions Report	March 1, 2011
Sanitation Districts – Wastewater SMR	Varies
Regional Water Board – Stormwater Annual Report	July 1, 2011

AEC welcomes comments, suggestions, or complaints about errors that warrant correction.

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