

Volume 25 • Number 2 • March/April 2018

# A New Direction Sunset of RECLAIM Program

t its January 5, 2018 meeting, the South Coast Air Quality
Management District
(SCAQMD) Governing Board began the transition of the Regional Clean Air Incentives Market (RECLAIM) market incentive program to a commandand-control regulatory structure requiring Best Available Retrofit Control Technology (BARCT). The shift from this market based air pollution reduction strategy was included in the 2016 Air Quality Management Plan to help reach attainment of federal public health standards for air quality.

Additionally, California State
Assembly Bill (AB) 617 which was
signed into law requires an expedited
schedule for implementing BARCT at
greenhouse gas cap and trade facilities
that are also subject to RECLAIM. AB
617 requires the implementation of
BARCT by these facilities, must occur
no later than December 31, 2023.

What is BARCT? BARCT means that a business must utilize the best retrofit air pollution control technology for existing equipment, taking into account environmental, energy, and economic impacts. In simple terms, BARCT requires that companies install the best air pollution control technology available to reduce air pollution from their facility.

As part of the transition from RECLAIM, staff continues to meet with stakeholders to discuss key issues related to the transition process. In January 2018, SCAQMD Rule 2001 was amended to preclude new non-RECLAIM facilities from entering the nitrogen oxides (NOx) and sulfur oxides (SOx) RECLAIM program. Rule 2002 was also modified to establish the transition process for exiting a facility from RECLAIM, including the use of RECLAIM Trading Credits after a facility exits the program.

A socioeconomic analysis of the

amendments to RECLAIM found that among the 266 facilities currently in the NOx RECLAIM program, none would be affected by the amendment to Rule 2001, while 37 facilities would be initially affected by the amendment to Rule 2002. Of the 37 facilities given initial notifications for exiting the program and based on permitting data, it was determined that these businesses operating RECLAIM equipment are already at BARCT standards and should be ready for exit.

For additional information, please contact Tracy Goss at 909-396-3106 or by email at tgoss@aqmd.gov.

# **Check Before You Burn Season Recap**

he Check Before You Burn season officially began on November 1, 2017, and ended on February 28, 2018. Despite a record 33 No-Burn days this past winter and late fall, many Southland residents helped keep particulate pollution at bay by not burning wood in their fireplaces during periods of poor air quality.

Persistent inversion layers and a lack of seasonal rainfall greatly diminished natural cleansing of pollutants in the air, which normally occurs as the result of more dynamic weather patterns. As a result, the region experienced more no-burn days this season than in any of the previous

five-years.

However, particulate pollution levels were mitigated by residents' increased participation in the Check Before You Burn program, along with greater awareness of the health effects of wood smoke, indoor or outdoor. Sign-ups for Air Alerts notifications, the SCAQMD's principal tool for alerting the public about No-Burn days, also saw record increases this season, as residents took a more active role in helping to reduce particulate pollution in their communities.

Information on the Check Before You Burn program can be found at www.aqmd.gov/cbyb and you can still

sign up for easy access to air quality information by visiting www.airalerts. org. Knowing what the air quality forecast is for each day can help you better protect your health and your families.

# **Community Air Protection Program**

outh Coast AQMD is hosting a series of community meetings throughout the four-county region of Los Angeles, San Bernardino, Riverside and Orange County. The community meetings are focused on providing information on two new state laws, Assembly Bill (AB) 134 and AB 617, to develop focused strategies in areas most impacted by air pollution. AB 134 provides funding to replace older heavy-duty vehicles, equipment, and other diesel sources in our region with new, cleaner technologies. AB 617 is an exciting new effort that will bring opportunities to collaborate with environmental justice communities to

improve air quality. The meetings will include time for public comment and a question and answer portion for participants. All meetings will have Spanish interpretation available. One meeting was held on Thursday, February 22, 2018, in the city of Commerce. There will be four additional meetings held over the next two months.

For more information, please visit our website at www.aqmd. gov or contact Fabian Wesson, SCAQMD Public Advisor, at (909) 396-2432 or by email at publicadvisor@aqmd.gov.

#### MEETING

#### Tuesday,

March 13, 2018 6:00 PM - 8:00 PM Wilmington Senior Center 1371 Eubank Ave., Wilmington, CA 90744

#### Tuesday,

March 27, 2018 6:00 PM - 8:00 PM Riverside County Administration Center 4080 Lemon St., Riverside, CA 92501

#### Tuesday,

April 10, 2018
6:00 PM - 8:00 PM
San Manuel Gateway
College - Loma Linda
University
250 S. G Street,
San Bernardino, CA 92410

#### Tuesday,

April 17, 2018 6:00 PM - 8:00 PM Brookhurst Community Center 2271 W. Crescent Ave., Anaheim, CA 92801





Lunch will be served. Please RSVP no later than Tuesday, March 13, 2018, to reserve your seat by calling 909-396-2432 or by sending an email to cleanairconnections@aqmd.gov. As seating is limited, RSVPs will be taken on a first come, first served basis until all reservations are filled.

#### HONORING WITH THE RICHARD ALATORRE ENVIRONMENTAL JUSTICE FOR ALL AWARD:

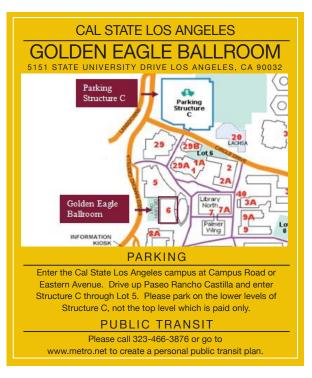


#### **Honorable Antonio Villaraigosa**

In 2013, Mr. Villaraigosa finished his two terms as Mayor of the City of Los Angeles, a city of more than 4 million residents. During these eight years as Mayor, the city made major strides in energy and resource sustainability, transportation, crime reduction, and education reform. In particular, Mayor Villaraigosa led Los Angeles to the forefront of environmental sustainability strategies through research, plans and investment.

Under Mayor Villaraigosa's leadership, Los Angeles reduced greenhouse gas emissions by nearly 30 percent and collaboratively developed the most far-

reaching Port Cleanup program in the world. Additionally, Mayor Villaraigosa served as a member of the Los Angeles City Council from 2003 to 2005. From 1994 through 2000, he also served in the California State Assembly as Democratic Whip, Majority Leader and Speaker of the Assembly.



## **Save Some Green and Mow Down Air Pollution**

he South Coast AQMD offers a year-round Electric Lawn Mower Rebate program that provides rebates ranging from \$150 to \$250, depending on the purchase price of your new electric mower. In order to qualify for the rebate, you do have to scrap a working gasoline-powered lawn mower. Residents of Orange County and major portions of Los

Angeles, Riverside and San Bernardino counties are eligible. To review the



application please visit www.aqmd.gov/lawnmower. You can also call 888-425-6247 (Tuesday-Friday) for assistance and more information.



# 2018 **Carl Moyer Call for Projects!!!**

t is that time again... for individuals and businesses in the South Coast Air Basin to help clean up their fleets and heavy duty equipment by applying for incentive funds through the Carl Moyer Program (CMP). The "Spring Carl Moyer Opener" is an excellent opportunity for owners of heavy duty vehicles and equipment, including, but not limited to: on-road trucks, transit and other buses, drayage trucks, solid waste collection vehicles, off-road construction and agricultural equipment, marine vessels and infrastructure to support heavy-duty alternative-fueled and electric vehicles.

Each year, CMP provides more than \$25 million in

financial incentives to assist in the purchase of cleaner than-required engine and equipment technologies to achieve emission reductions that are real, surplus, quantifiable and enforceable. CMP focuses on achieving emission reductions of Nitrogen Oxides (NOx), Particulate Matter (PM10) and Reactive Organic Gases (ROG) from heavy-duty vehicles and other equipment as cost effective and expeditiously as possible.

For more information, please contact SCAQMD's Technology Advancement Office at 909-396-2658.

# **Nominations Open for the 30th Annual Clean Air Awards**

he nominations for the 30th Annual Clean Air Awards are now open. For the past three decades, the South Coast AQMD has honored individuals, organizations and businesses for their outstanding clean air contributions to our communities and the economy.

Don't miss out on this opportunity to join the esteemed ranks of Clean Air Award recipients at this special milestone event. Nominations are being accepting online in the following categories:

- Innovative Clean Air Technology
- Model Community Achievement
- · Clean Air Education and Outreach
- · Business Leadership in Air Quality
- Youth Leadership in Air Quality

The deadline for submitting nominations is 11:59 p.m. on July 13, 2018. For more information, please visit www.CleanAirAwards.com or call 909-396-2432.





#### Nominations Open Through July 13th Submit at CleanAirAwards.com Now!

Each year since 1989, SCAQMD has honored those across our region who

Our air is cleaner and our families are healthier because of their efforts.

Visit CleanAirAwards.com to submit a nomination.

The deadline for submitting nominations is 11:59 p.m. on July 13, 2018.

# **Inside SCAQMD:**

# SCAQMDADVISOR

# Air Monitoring and Analysis Team

he SCAQMD's air monitoring and analysis team, consisting of 115 staff members, operates and maintains 43 permanent stations throughout the 4-county region, and analyzes the air samples collected at these stations. In addition to overseeing this air monitoring network, the air monitoring and analysis team has initiated various innovative research and

Fight measurements

Optical Tent

Fenceline
Monitoring

Community
Monitoring/
Sensor Networks

Mobile Monitoring

air monitoring programs such as the nation's first Air Quality Sensor Performance Evaluation Center (AQSPEC) and the fifth Multiple Air Toxics Exposure Study (MATES V). The MATES V study will use state-of-the-art monitoring technologies and low-cost sensor networks to collect near real-time data. The motivation behind this effort is to measure air toxics levels throughout the South Coast Air Basin, to characterize emissions from petroleum refineries and their impact on nearby communities, and to provide near-real time information on air toxics "hot-spots". This will be accomplished through the use of advanced air monitoring technologies such as: flight measurements, which survey refinery and other industrial areas to create

detailed air toxics maps; "optical tent" deployment, which provides continuous refinery monitoring and real-time leak detection; and ground-based efforts to detect plumes and emissions, and potential leaks from refineries and other industrial facilities. These efforts will allow the SCAQMD to expand its Community Air Toxics Investigation (CATI) efforts that are currently ongoing in Paramount and Compton. The potential impacts of the team projects such as the MATES V and CATI, include improving estimates of community level exposures to air toxics and criteria pollutants, which will then be reflected in future policy and rule development for impacted communities and to prevent future exposure from such unhealthful emissions.

# Air Quality **IQ**

PM2.5 = Particulate Matter ≤ 2.5 microns

articulate matter refers to microscopic particles and liquid droplets in the air that can be hazardous to human health. Particulate matter size is an important factor because it determines how particulate matter travels in the air. PM2.5 refers to particles in the air that are two and one half microns or less in diameter. There are approximately 25,000 microns in an inch. Once inhaled, particulate matter can travel into the respiratory system, affecting the heart and lungs.

PM 2.5
Combustion particles, organic compounds, metals, etc.
< 2.5 μm (microns) in diameter

PM10
Dust, pollen, mold, etc.
<10 μm (microns) in diameter

FINE BEACH SAND

Image courtesy of the U.S. EPA



# **Rule Update**

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit SCAQMD's website at aqmd.gov/home/library/meeting-agendas-minutes and check the Rule and Control Measure Forecast item on the most recent Governing Board meeting agenda, or call the Clerk of the Board's Office at (909) 396-2500.

Copies of SCAQMD rules and regulations can be downloaded from the website at aqmd.gov/rulesreg.html or obtained from SCAQMD's Public Information Center at (909) 396-2039.

#### April

#### Proposed Rule 120 -

#### Credible Evidence Rule

Proposed Rule 120 will establish that any credible evidence may be used for the purpose of establishing that a person has violated or is in violation of any approved plan or SCAQMD rule. This rule will provide standards for compliance determinations.

For more information, contact Michael Krause at MKrause@aqmd.gov or (909) 396-2706.

#### Rule 219 -

Equipment Not Requiring a Written Permit Pursuant to Regulation II Proposed Amended Rule 1178 – Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

Proposed Amended Rule 1178 will incorporate provisions to allow use of a flexible enclosure option allowed under the U.S. EPA Storage Tank Emission Reduction Partnership Program for floating roof storage tanks equipped with a slotted guide pole.

For more information, contact David De Boer at ddeboer@aqmd.gov or (909) 396-2329.

#### Rule 1469 -

Hexavalent Chromium Emissions from Chromium, Electroplating and Chromic Acid Anodizing Operations

Chromic Acid Anodizing Operations
Proposed Amended Rule 1469 will further reduce hexavalent chromium emissions by establishing new requirements for certain hexavalent chromium tanks that are currently not regulated and further address potential fugitive emissions from hexavalent chromium electroplating and chromic acid anodizing operations.

For more information, contact Jillian Wong at jwong1@aqmd.gov or (909) 396-3176.

#### May

#### Proposed Amended Rule 408 -

#### Circumvention

Proposed Amended Rule 408 will clarify that only nuisance odors that do not cause or have a natural tendency to cause injury, or impact the health or safety of any person, are exempt from the rule.

For more information, contact Michael Krause at MKrause@aqmd.gov or (909) 396-2706.

#### Rule 1146 -

Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters

Emissions of Oxides of Nitrogen from Small Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters Rule 1146.2 –

Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters

Amendments to Rules 1146, 1146.1, and 1146.2 will incorporate requirements for facilities that are in RECLAIM that are required to meet BARCT emission control levels

For more information, contact Tracy Goss at TGoss@aqmd.gov or (909) 396-3106.

#### Rule 1100 -

#### Implementation Schedule for NOx Facilities

Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command and control.

For more information, contact Tracy Goss at TGoss@aqmd.gov or (909) 396-3106.

#### REG. III: Fees

Amendments to Regulation III will incorporate the CPI adjustment to keep pace with inflation, pursuant to Rule 320, and proposed amendments may also make any other needed adjustments.

For more information, contact Jillian Wong at jwong1@aqmd.gov or (909) 396-3176

#### June

#### Proposed Rule 1118.1:

#### Control of Emissions from Non-Refinery Flares

Proposed Rule 1118.1 will seek to reduce emissions from flaring at non-refinery facilities, including alternate uses of gases. The rule would require use of flares that meet Best Available Control Technology at sources such as landfills, wastewater treatment plants, and oil and gas production facilities.

For more information, contact Michael Krause at MKrause@aqmd.gov or (909) 396-2706.

#### Rule 1100 -

#### Implementation Schedule for NOx Facilities

Rule 1100 will establish the implementation schedule for specific NOx RECLAIM facilities that are transitioning to command and control.

For more information, contact Tracy Goss at TGoss@aqmd.gov or (909) 396-3106.

#### **Proposed Amended Rule 1403:**

#### Asbestos Emissions from Demolition/Renovation Activities

Proposed Amendments to Rule 1403 will include specific requirements when conducting asbestos-emitting demolition/renovation activities at schools, daycare centers, and possibly establishments that have sensitive populations. Amendments may include other provisions to improve the implementation of the rule. For more information, contact Jillian Wong at jwong1@aqmd.gov or (909) 396-3176.



# **File an Air Quality Complaint**

any businesses operating in the South Coast Air Basin must comply with SCAQMD rules to reduce air pollution. These rules are designed to protect public health. Despite a business owners best efforts, equipment breakdowns and process upsets may occur, and can result in excess emissions.

You can help protect public health by reporting air pollution nuisances. SCAQMD maintains a toll-free complaint line at 1-800-CUT-SMOG (1-800-288-7664). Complaints can be filed online at www.aqmd.gov or by using SCAQMD's free app for Androids or iphones. Download the app and choose "Air Quality Issue" from the menu to send a picture and provide complaint information from your phone.

When reporting an air pollution problem, it is helpful to have the following information ready:

- Time and date the problem occurred.
- Type of problem is it an odor, smoke, dust, etc.
- Name and address of alleged source.
- Your name, address and phone number. Names and addresses are kept confidential.

The more information you can provide, the better. Think of ways to describe the nuisance and try to identify its source. For example, if you smell a strong odor, you might be able to associate it with rotten eggs, burned plastic, ammonia or other familiar material. Descriptive information about the nuisance can be helpful to SCAQMD inspectors.

Air pollution complaints may be filed 24 hours a day, 7 days a week.

For more information, please contact Marian Coleman at 909-396-2415 or by email at mcoleman1@aqmd.gov.



# C. L. People

**Nancy Velasquez** 

n 1987, Nancy Velasquez was driving along the 60 freeway in El Monte and spotted the SCAQMD "bird" logo and thought "that seems like it would be a nice place to work." Shortly thereafter, she joined SCAQMD as a secretary in the Engineering and Compliance Division. She later worked in Public Affairs and Information Management and was promoted about three-



years ago to Executive Secretary and Governing Board Liaison. Her typical day involves the challenging job of coordinating the 13 Governing Board Member's calendars as well as the Board Assistant Briefings, Administrative and Personnel Committee agendas. Nancy also works with Human Resources to manage the Student Intern program. She says that the best part of her job is "working with great people and constantly learning new things."

Nancy grew up in the San Gabriel Valley and now lives in Diamond Bar. She attended Cal Poly Pomona where she earned a BS in Business Administration with an emphasis in Computer Information Systems. She has two adult children, Tiffany, who is a special education teacher, and Nicholas who just joined the Air Force.

# A Sneak Peek into the "Right to Breathe" Documentary

he SCAQMD's newly updated "Right to Breathe" documentary seeks to raise public awareness on the direct and critical correlation between air quality and human health. The documentary highlights public health threats faced by all people living in the region including

Los Angeles, San Bernardino, Riverside and Orange County. It also focuses on air quality challenges faced by environmental justice communities that suffer a greater burden by living near

justice communities that suffer a greater burden by living near significant sources of air pollution. SCAQMD hopes "The Right to Breathe" will inspire all of us living and working in the Southland to continue to join the clean air movement to protect public health and quality of life and to innovate the next generation of green technologies to clean our air and create jobs. Stay tuned for the release of the "Right to Breathe" in 2018!







#### South Coast Air Quality Management District

21865 Copley Drive Diamond Bar, CA 91765-4178 aqmd.gov @SouthCoastAQMD

**Return Service Requested** 

# **Briefly...**

#### **Rule Compliance Promotion Classes**

#### Rule 403 — Dust Control in the South Coast Air Basin Training

• Every third Wednesday of the month: January through November.

This class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee. Pre-registration is required and walk-in registrations are not allowed. No classes are held in December.

Visit http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust for class and registration information. To register e-mail dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

# Rule 403 & 403.1 — Dust Control in the Coachella Valley Training

• Every third Thursday of the month: January through November.

This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 115, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee. Pre-registration is required and walk-in registrations are not allowed. No classes are held in December.

Visit http://www.aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust for class and registration information. To register e-mail dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

## Rule 461 – Gasoline Transfer and Dispensing Training

Daily Maintenance Inspection — Registration Fees: \$157.04

• March 23, 2018

June 15, 2018
 Periodic Compliance Inspection –
 Registration Fees: \$171.87

- March 9, 2018
- June 8, 2018

Vapor Recovery System Tester Orientation — Registration Fees: \$163.40

- March 16, 2018
- June 1, 2018

Classes are held SCAQMD headquarters in Room CC6 from 8:30 a.m. to 5:00 p.m. Check-in time is 8:00 a.m. to 8:30 a.m. Preregistration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/regulations/compliance/ gasoline-dispensing2/rule-461-classes for class and registration information. Please contact Rule 461 Assistance at (909) 396-3546. or email Rule461assistance@aqmd.gov for additional information.

# Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- April 18, 2018
- June 20, 2018

Classes are held at SCAQMD's Diamond Bar Headquarters in Room CC6 from 8:00 a.m. to 1:00 p.m. Registration fee is \$83.39 per person. Preregistration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/ training-1403-asbestos-demolition for class and registration information. Contact Sharon Fujimoto via email at SFujimoto@aqmd.gov or call (909) 396-2183 for more information and to register.

• Questions? Please call the Asbestos Hotline at 909-396-2336.

#### Rule 1469 – Compliance Assistance: Mandatory Hexavalent Chromium Training Certification

- July 19, 2018
- August 16, 2018
- September 20, 2018
- August 16, 2018
- October 18, 2018
- November 15, 2018 (Only Spanish Class)

Classes are held at SCAQMD's Diamond Bar Headquarters in Room CC6 from 1:00 p.m. to 4:30 p.m. each day. Registration fee is \$33.94 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/ training-1469-hexavalent-chromium for class and registration information. Contact Tori Oroz via email at toroz@aqmd.gov or call (909) 396-3148 for more information and to register. If you have any questions, please call our Hotline at 909-396-2336.

#### Rule 2202 - Employee Transportation Coordinator (ETC) Training

- March 8, SCAQMD Headquarters, Diamond Bar
- March 21, Enterprise, Orange
- April 12, SCAQMD Headquarters, Diamond Bar
- April 26, Hulu, Santa Monica
- May 9. SCAQMD Headquarters, Diamond Bar
- May 24, Courtyard Marriott, Burbank
- June 7, SCAQMD Headquarters, Diamond Bar
   June 21, LAX Flight Path, Los Angeles
- Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$177.29 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/ training-2202-etc for class and registration information. To register, e-mail etctraining@aqmd. gov or call (909) 396-2777.

# SCAQMD AGMISSR

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