



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

SPECIAL MEETING OF THE
BOARD OF DIRECTORS
NOVEMBER 19, 2012

A special meeting of the Bay Area Air Quality Management District Board of Directors will be held at 9:45 a.m. in the 7th Floor Board Room at the Air District Headquarters, 939 Ellis Street, San Francisco, California.

**Questions About
an Agenda Item**

The name, telephone number and e-mail of the appropriate staff Person to contact for additional information or to resolve concerns is listed for each agenda item.

Meeting Procedures

The public meeting of the Air District Board of Directors begins at 9:45 a.m. The Board of Directors generally will consider items in the order listed on the agenda. However, any item may be considered in any order.

After action on any agenda item not requiring a public hearing, the Board may reconsider or amend the item at any time during the meeting.

Public Comment Procedures

Persons wishing to make public comment must fill out a Public Comment Card indicating their name and the number of the agenda item on which they wish to speak, or that they intend to address the Board on matters not on the Agenda for the meeting.

Public Comment on Non-Agenda Matters, Pursuant to Government Code Section 54954.3 For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have three minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to commencement of the meeting. The remainder of the speakers wishing to address the Board on non-agenda matters will be heard at the end of the agenda, and each will be allowed three minutes to address the Board at that time.

Members of the Board may engage only in very brief dialogue regarding non-agenda matters, and may refer issues raised to District staff for handling. In addition, the Chairperson may refer issues raised to appropriate Board Committees to be placed on a future agenda for discussion.

Public Comment on Agenda Items After the initial public comment on non-agenda matters, the public may comment on each item on the agenda as the item is taken up. Public Comment Cards for items on the agenda must be submitted in person to the Clerk of the Boards at the location of the meeting and prior to the Board taking up the particular item. Where an item was moved from the Consent Calendar to an Action item, no speaker who has already spoken on that item will be entitled to speak to that item again.

Up to ten (10) speakers may speak for three minutes on each item on the Agenda. If there are more than ten persons interested in speaking on an item on the agenda, the Chairperson or other Board Member presiding at the meeting may limit the public comment for all speakers to fewer than three minutes per speaker, or make other rules to ensure that all speakers have an equal opportunity to be heard. Speakers are permitted to yield their time to one other speaker; however no one speaker shall have more than six minutes. The Chairperson or other Board Member presiding at the meeting may, with the consent of persons representing both sides of an issue, allocate a block of time (not to exceed six minutes) to each side to present their issue.

BOARD OF DIRECTORS SPECIAL MEETING AGENDA

MONDAY
NOVEMBER 19, 2012
9:45 A.M.

BOARD ROOM
7TH FLOOR

CALL TO ORDER

Opening Comments
Roll Call
Pledge of Allegiance

Chairperson, John Gioia
Clerk of the Boards

PUBLIC COMMENT ON NON-AGENDA MATTERS

Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3

For the first round of public comment on non-agenda matters at the beginning of the agenda, ten persons selected by a drawing by the Clerk of the Boards from among the Public Comment Cards indicating they wish to speak on matters not on the agenda for the meeting will have three minutes each to address the Board on matters not on the agenda. For this first round of public comments on non-agenda matters, all Public Comment Cards must be submitted in person to the Clerk of the Board at the location of the meeting and prior to commencement of the meeting.

CONSENT CALENDAR (ITEMS 1 – 2)

Staff/Phone (415) 749-

1. Board Communications received from November 7, 2012 through November 18, 2012

J. Broadbent/5052

jbroadbent@baaqmd.gov

A list of communications directed to the Board of Directors received by the Air District from November 7, 2012 through November 18, 2012, if any, will be at each Board Member's place.

2. Quarterly Report of Executive Office and Division Activities for the Months of July 2012 – September 2012

J. Broadbent/5052

jbroadbent@baaqmd.gov

A summary of Board of Directors, Hearing Board and Advisory Council meeting activities for the third quarter is provided for information only. Also included is a summary of the Executive Office and Division Activities for the months of July 2012 – September 2012.

COMMITTEE REPORTS AND RECOMMENDATIONS

3. Report of the **Nominating Committee** Meeting of November 7, 2012

CHAIR: J. Gioia

J. Broadbent/5052

jbroadbent@baaqmd.gov

The Committee recommends Board of Directors' approval of the following item:

1. *A slate of Board Officers for the 2013 term of office.*

4. Report of the **Personnel Committee** Meeting of November 8, 2012

CHAIR: B. Wagenknecht

J. Broadbent/5052
jbroadbent@baaqmd.gov

The Committee recommends Board of Directors approval of the following items:

1. *Approve reappointment of nine incumbents to the Advisory Council and approve appointment of two new candidates to the Air District's Advisory Council.*

PRESENTATION(S)

5. Update on Chevron Richmond Refinery Rebuild of Crude Unit #4

J. Broadbent/5052
jbroadbent@baaqmd.gov

Air District staff will provide an update on the Air District's work at the Chevron Richmond refinery since the August 6, 2012 fire. Discussion will include information on Air District staff visits to the refinery, an overview of reconstruction plans for the damaged crude unit #4. Chevron Richmond Refinery and City of Richmond staff will be invited to provide an update.

6. Status Report on Implementation of Work Plan for Action Items Related to Accidental Releases from Industrial Facilities

J. Broadbent/5052
jbroadbent@baaqmd.gov

Air District staff will provide an update on the implementation of the Work Plan.

PUBLIC COMMENT ON NON-AGENDA MATTERS

Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3

Speakers who did not have the opportunity to address the Board in the first round of comments on non-agenda matters will be allowed three minutes each to address the Board on non-agenda matters.

BOARD MEMBERS' COMMENTS

Any member of the Board, or its staff, on his or her own initiative or in response to questions posed by the public, may: ask a question for clarification, make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter or take action to direct staff to place a matter of business on a future agenda. (Gov't Code § 54954.2)

OTHER BUSINESS

7. Report of the Executive Officer/APCO
8. Chairperson's Report
9. Time and Place of Next Meeting is Wednesday, December 5, 2012, Bay Area Air Quality Management District Office, 939 Ellis Street, San Francisco, California 94109 at 9:45 a.m.
10. Adjournment

CONTACT EXECUTIVE OFFICE - 939 ELLIS STREET SF, CA 94109

(415) 749-5130
FAX: (415) 928-8560
BAAQMD homepage:
www.baaqmd.gov

- To submit written comments on an agenda item in advance of the meeting.
- To request, in advance of the meeting, to be placed on the list to testify on an agenda item.
- To request special accommodations for those persons with disabilities. Notification to the Executive Office should be given at least 3 working days prior to the date of the meeting so that arrangements can be made accordingly.
- Any writing relating to an open session item on this Agenda that is distributed to all, or a majority of all, members of the body to which this Agenda relates shall be made available at the Air District's headquarters at 939 Ellis Street, San Francisco, CA 94109, at the time such writing is made available to all, or a majority of all, members of that body. Such writing(s) may also be posted on the Air District's website (www.baaqmd.gov) at that time.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET, SAN FRANCISCO, CALIFORNIA 94109
(415) 771-4963

EXECUTIVE OFFICE:
MONTHLY CALENDAR OF DISTRICT MEETINGS

NOVEMBER 2012

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Special Board of Directors Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Monday	19	9:45 a.m.	Board Room
Board of Directors Executive Committee <i>(Meets 3rd Monday of each Month)</i> - CANCELLED	Monday	19	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee <i>(Meets the 3rd Monday of Every Other Month)</i> - CANCELLED	Monday	19	10:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i> - CANCELLED	Wednesday	21	9:45 a.m.	Board Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday of each Month)</i> - CANCELLED	Thursday	22	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday of each Month)</i> -CANCELLED	Monday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets the 4th Wednesday of each Month)</i> - CANCELLED	Wednesday	28	9:30 a.m.	4 th Floor Conf. Room

DECEMBER 2012

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday of each Month)</i>	Monday	3	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Legislative Committee <i>(At the Call of the Chair)</i>	Monday	3	10:30 a.m.	4 th Floor Conf. Room
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	5	9:45 a.m.	Board Room
Board of Directors Executive Committee <i>(Meets 3rd Monday of each Month)</i>	Monday	17	9:30 a.m.	4 th Floor Conf. Room

DECEMBER 2012

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	19	9:45 a.m.	Board Room
Board of Directors Budget & Finance Committee <i>(Meets the 4th Wednesday of each Month)</i>	Wednesday	26	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday of each Month)</i>	Thursday	27	9:30 a.m.	4 th Floor Conf. Room

JANUARY 2013

<u>TYPE OF MEETING</u>	<u>DAY</u>	<u>DATE</u>	<u>TIME</u>	<u>ROOM</u>
Board of Directors Regular Meeting <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	2	9:45 a.m.	Board Room
Advisory Council Regular Meeting/Retreat <i>(Meets 2nd Wednesday of each Month)</i>	Wednesday	9	9:00 a.m.	Board Room
Special Board of Directors Meeting/Retreat <i>(Meets 1st & 3rd Wednesday of each Month)</i>	Wednesday	16	9:45 a.m.	Meeting Location TBD
Board of Directors Executive Committee <i>(Meets 3rd Monday of each Month)</i>	Monday	21	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Stationary Source Committee <i>(Meets the 3rd Monday of Every Other Month)</i>	Monday	21	10:30 a.m.	4 th Floor Conf. Room
Board of Directors Budget & Finance Committee <i>(Meets the 4th Wednesday of each Month)</i>	Wednesday	23	9:30 a.m.	4 th Floor Conf. Room
Board of Directors Mobile Source Committee <i>(Meets 4th Thursday of each Month)</i>	Thursday	24	9:30 a.m.	4 th Floor Conf. Room

MM – 11/14/12 (11:53 a.m.)

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BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 7, 2012

Re: Board Communications Received from November 7, 2012 through November 18, 2012

RECOMMENDED ACTION

None; receive and file.

DISCUSSION

A list of communications directed to the Board of Directors received by the Air District from November 7, 2012 through November 18, 2012, if any, will be at each Board Member's place at the November 19, 2012 Special Board meeting.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Maricela Martinez
Reviewed by: Ana Sandoval

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 2, 2012

Re: Quarterly Report of the Executive Office and Division Activities for the Months of
July 2012- September 2012

ADMINISTRATION AND HUMAN RESOURCES – J. COLBOURN, DIRECTOR

Finance staff closed the books for Fiscal Year End (FYE) 2012. Auditors were onsite to conduct first phase of the FYE 2012 audits. The adopted FYE 2013 budget was published and posted on the Air District website.

A new vendor was brought on board to support the JDE financial system. Work continues on testing of the integration of the new production system with the existing JDE financial services software

The Human Resources (HR) Office coordinated 7 recruitment exams including exams for Director of Enforcement, Information Systems Manager, Senior Public Information Officer, Senior Air Quality Engineer, Air Quality Engineer, Temporary Administrative Secretary, and Air Quality Engineering Intern.

In addition, the HR Office conducted training sessions, including: Bike Safety Training; Techniques for Diffusing and Responding to Aggressive Behaviors; Self Defense Training; Public Sector Employment Law Update; and Preventing Workplace Harassment, Discrimination, and Retaliation.

The HR Office continues to administer payroll, benefits, safety, and labor/employee relations. There are currently 319 regular employees, 8 temporary employees and 46 vacant positions. From July to September 2012, 0 employees were hired and 2 employees resigned.

A Special Joint Meeting of the Bay Area Headquarters Authority (BAHA), the Air District Executive Committee, and the Administrative Committee of the Association of Bay Area Governments (ABAG) met on July, 11, 2012. The Committee received a presentation from Perkins + Will (new building architectural firm), regarding conceptual design plans for the seismic retrofit and renovation of 390 Main Street.

At its regular meeting in September, ABAG agreed to approve its policy of relocating to the Regional Agency Headquarters Building at 390 Main Street and recommended that its Administrative Committee guide the negotiations between ABAG and Metropolitan

Transportation Commission (MTC) over the terms and conditions of the real estate transaction.

Staff continues to meet and work with BAHA and ABAG to identify co-location efficiencies, finalize programming, schematic design plans and IT infrastructure migration efforts. The next meeting of the BAHA Board to receive an update on the project is October 24, 2012

COMPLIANCE AND ENFORCEMENT – W. KINO, DIRECTOR

Enforcement Program

On August 6, 2012, a hydrocarbon leak caused a fire in the #4 Crude Unit at the Chevron Richmond Refinery. Gas oil leaked out of the line and ignited a fire in the plant, resulting in continuous flaring and a large plume of black smoke which moved in a north easterly direction. A shelter-in-place was called in Richmond, North Richmond, and San Pablo and BART stations in the area were closed. The shelter-in-place was lifted later that night and the primary fire was extinguished on August 7, 2012. Air District staff, the Chemical Safety Board, and Cal OSHA are conducting independent interviews with Chevron operators, engineers, management, maintenance staff and the fire department to gather information surrounding the fire. On August 14, 2012, Air District staff issued a Notice of Violation for Regulation 1-301, Public Nuisance. Air District staff is currently investigating and documenting additional violations that have occurred as a result of the fire and is following the cleanup and re-building of the Crude Unit and to ensure that all permit applications are submitted and reviewed.

Air District staff documented violations of the State's Asbestos Airborne Toxic Control Measure (ATCM) at two naturally occurring asbestos (NOA) construction and grading projects in San Francisco: John Steward Company, site developer for the Hunters View Redevelopment Project, was cited for not keeping the site adequately wetted and for failure to meet track-out provisions. Lennar/Urban, site developer for Hunters Point Shipyard, Parcel A, was cited for not keeping their site adequately wetted. The violations at both projects have been corrected.

Air District staff issued a Notice of Violation for the excessive visible emissions that occurred on June 25, 2012, from the batch plant truck loading operation at the BoDean hot mix plant in Santa Rosa. Due to the large number of complaints received, the facility has also become subject to Air District Regulation 7 (Odors) effective June 15, 2012. Air District Staff is continuing to monitor this situation to ensure compliance with air quality regulations.

A city maintained pond in the Bedford Cove area of San Rafael was determined to be the source of localized odors that resulted in the Air District receiving 7 odor complaints on Sept. 10, 2012. A public nuisance was documented and a Notice of Violation has been issued. Rockport Land Corp. is the property owner & City of San Rafael has been managing the water levels.

On Sept 14, 2012, Air District staff wrote Lehigh Southwest Cement Company three Notices of Violation. The offences included three visible emissions violations at separate sources. All violations achieved compliance after one day of violation.

Compliance Assurance Program

Air District staff conducted 676 mobile source inspections for the Drayage Truck Regulation, the Commercial Idling Air Toxics Control Measure (ATCM), the Off-Road ATCM, Transport Refrigeration Units (TRU) regulation and the Portable Equipment Registration Program (PERP). Air District staff conducted 349 grant inspections for the Strategic Incentives Division. Air District staff conducted site visits at large retailers (Home Depot, Orchard Supply, Kelly-Moore and Lowe's) this quarter for compliance with Regulation 8, Rule 3, and Architectural Coatings. Air District staff reviewed sixty-eight products in twenty-nine coating categories; all products were found to be in compliance.

Air District staff made a presentation to the Stationary Source Committee on September 17, 2012 and provided a status report on the Hunters View Redevelopment Project in San Francisco.

On July 25, 2012, Air District staff attended the California Air Pollution Control Officers Association (CAPCOA) Vapor Recovery Subcommittee meeting in Sacramento and received updates from CARB regarding a pending certification request from OPW Global, Inc.; participated in a discussion on the future of Phase II vapor recovery; and learned that CARB wants to recruit a workgroup to review and revise technical aspects of existing, but potentially "outdated", Executive Orders.

On September 27, 2012, Air District staff attended a special meeting of the CAPCOA Vapor Recovery Subcommittee to discuss short and long term Enhanced Vapor Recovery (EVR) program improvement measures identified by CARB and the subcommittee.

Air District staff approved an Asbestos Dust Mitigation Plan (ADMP) amendment request for the Restaurant Depot Project in San Francisco and approved an ADMP for the West Campus Project located in Menlo Park.

Compliance Assistance Program

On August 30, 2012, Air District staff met with representatives from the San Francisco Department of Public Health, the San Francisco Housing Authority, and the California Department of Toxic Substances Control to discuss ideas for better community health education and interagency communication in regards to health and environmental issues raised by residents of the Hunters View Redevelopment Project. Agency roles and responsibilities were delineated.

Air District staff developed beta testing protocol for the online Wood Smoke Awareness course for first time violators who have the option to take in lieu of a penalty payment for violation of Regulation 6, Rule 3: Wood-burning Devices. Air District staff spoke at the City of San Jose's Rules & Open Government Committee in support of an amendment to Title 9 of the San Jose Municipal Code (Wood Burning Ordinance). Air District staff worked with Marin County to offer rebates up to \$750 to residents in the San Geronimo Valley who replace non-certified EPA wood-burning appliances with cleaner burning propane, pellet stoves or EPA-certified devices. Air District staff worked with the California Air Resources Board (CARB) and Port of Oakland staff in an effort to post

CARB’s Department of Transportation (DOT) approved no idling signs at the port due to work issues at the terminal that were causing long truck lines.

Air District staff participated in monthly Trucker Work Group meetings at the Port of Oakland.

Operations

Staff attended a multi-Air District meeting at Sacramento Metro Air Pollution Control District to discuss updates on Environmental Protection Agency’s (EPA) Voluntary Fireplace Program; the status of EPA’s New Source Performance Standards (NSPS) for Residential Wood Heaters; and a discussion of Air District wood smoke programs. The fall marsh management burn season started September 1, 2012 and staff approved 5 Marsh Management Smoke Management Plans (SMPs) for burn projects in Solano County. Staff approved 7 Prescribed Burn SMPs for burn projects in Marin and San Mateo County. Staff completed the data verification and posting of refinery flare monitoring data through July 2012.

(See Attachment for Activities by County)

ENGINEERING DIVISION – J. KARAS, ACTING DIRECTOR

Permit Systems Program

The following table is a summary of the permits handled during the 3rd quarter:

Permit Activity			
New applications received	313	New facilities added	134
Authorities to Construct issued	105	Permit Exemptions (entire applications deemed exempt)	17
Permits to Operate issued (new and modified)	444	Annual update packages completed	1700

Of the new permit applications received, 18 were for Title V, 1 was for emission banking and the rest were standard permit applications.

Toxics Program

Air District staff received 75 requests for health risk screening analyses (HRSAs) and completed 66 HRSAs.

On September 17, 2012, Air District staff completed its review of the AB2588 Toxic Hot Spots modeling and health risk results dated May 9, 2012 for Maxwell House, Division of Kraft Foods, located at 100 Halcyon Drive, San Leandro. The health risk impacts are below the public notification levels established by the Air District for the AB2588 program.

Title V Program

Air District staff issued 3 permit renewals, 1 administrative amendment, and 1 initial permit.

Air District staff is meeting all due dates in the Our Children's Earth Settlement Agreement. All 8 Title V Renewals due by September 30, 2012 were issued.

Permit Evaluation Program

Tesla Motors: Air District staff issued operating permits for Tesla Motors' casting and pretreatment equipment on September 10, 2012. All issues including Best Available Control Technology (BACT) determination for the proposed reverberatory melt furnace, and revised health risk screening assessment were handled in a timely and expeditious manner to issue the permits on time. With the issuance of casting and pretreatment equipment permits, all three applications (other two being powertrain manufacturing and application of water-based coatings) critical to Tesla's car manufacturing/assembly line have been processed and operating permits issued.

BoDean Asphalt Company: Air District staff continues evaluating a permit application submitted by BoDean to install three new hot mix asphalt silos and associated equipment at their existing facility in Santa Rosa. Air District staff is also preparing responses to the 50 comments received during the public comment period, discussing additional control measures for the project, and reviewing the CEQA documentation to ensure it is adequate. On October 3, 2012, Air District staff attended a community meeting, organized by Citizens for Safe Neighborhoods, in Santa Rosa to discuss the project.

Chevron Refinery: Air District staff continues to meet with Chevron to discuss permit applications and repair work for the Number 4 Crude Unit, following the fire on Aug. 6, 2012. Air District staff has outlined the requirements for the permit application, including the need to include BACT.

Engineering Projects Program

Although a majority of the permit applications and permit renewals for gasoline dispensing facilities (GDFs) are able to be processed with the Production System, Air District staff continues to resolve outstanding issues. Air District staff began testing the module for dry cleaners on September 18, 2012 and is preparing for the transition to the Production System next quarter.

Air District staff is working with Legal to amend all permit rules, Regulation 2, Rules 1, 2, 4 and 6. The Air District is currently accepting public comment on the Draft Environmental Impact Report (EIR) for the proposed rule changes. The comment period for the Draft EIR ends Oct. 22, 2012. On Sept. 26, 2012 Air District staff set a Public Hearing date of Nov. 7, 2012 for the Board of Directors to consider adopting the proposed rule changes and certifying the EIR. The public comment period for the proposed rules ends on Oct. 26, 2012.

The Air District Counsel's Office received 104 violations reflected in Notices of Violation (NOVs) for processing.

Mutual Settlement Program staff initiated settlement discussions regarding civil penalties for 65 violations reflected in NOVs. In addition, 1 Final 30 Day Letter was sent regarding civil penalties for 1 violation(s). Finally, settlement negotiations resulted in collection of \$46,250 in civil penalties for 37 violations.

Counsel in the Air District Counsel's Office initiated settlement discussions regarding civil penalties for 7 violations reflected in NOVs. Settlement negotiations by Air District counsel resulted in collection of \$208,620 in civil penalties for 28 violations reflected in NOVs.

(See Attachment for Penalties by County)

COMMUNICATIONS AND OUTREACH – L. FASANO

News Releases

The Air District issued 17 press releases and/or media advisories during the last quarter: (to view press control key and click link)

06/26/12	Permissive burn period begins for range management fires
07/09/12	Air District issues Spare the Air Smog Alert
07/10/12	Air District issues another Spare the Air Smog Alert
07/11/12	Air District issues third consecutive Spare the Air Smog Alert
07/16/12	Air District's Great Race for Clean Air revs up
08/07/12	Air District statement on Chevron fire
08/07/12	Air District statement on Chevron fire air quality samples
08/08/12	Air District issues Spare the Air Smog Alert
08/08/12	Air District issues another Spare the Air Smog Alert
08/09/12	Air District statement on continued Chevron investigation
08/23/12	Air District lab completes PM sample analysis from Chevron fire
08/29/12	Open burning season for double crop stubble ends; seasons for fall marsh management and stubble and straw begin
09/05/12	Air District unveils Bay Area PEV Ready website
09/10/12	Air District seeks public input on planning strategies to reduce particulate matter in the Bay Area
09/20/12	Air District Board approves groundbreaking Portland cement rule
09/25/12	Air District seeks public input on draft Regional Plug-In Electric Vehicle Readiness Plan
09/27/12	Permissive burn periods for crop replacement and flood debris fires open

Media Inquiries

Staff responded to a number of media inquiries during this quarter, topics included:

- Conoco-Phillips Incident (*Crockett Signal*)

- Bike Sharing Program (*SF Examiner, SF Streets blog, SF Chronicle, NY Daily News, Brooklyn Daily Eagle*)
- Gas recovery systems (*Almanac News*)
- Woodstoves (*California Current*)
- Metal-processing facility rules (*Vallejo Times-Herald*)
- Environmental impacts from the historic gas manufacturing facilities in San Francisco (*SF Examiner*)
- Spare the Air (*Bay Citizen, Inside Cal, Benicia Patch, SF Chronicle, KLIV, Univision, Vallejo Times-Herald, Bay City News, Bay Crossings Magazines*)
- Server farms in Silicon Valley (*New York Times*)
- 800-EXHAUST program (*Bay Citizen*)
- Chevron Fire (*KRON, KGO, ABC 7, San Francisco Chronicle, KTVU, Oakland Tribune, Bay City News, NBC11, KCBS, AP, Dow Jones, SJMN, KPIX, Marin IJ, KALW, KQED, El Cerrito Patch, NPR, KGO Radio, Fox News network, Sacramento Bee, Contra Costa Times, KATD, Richmond Post, Richmond Confidential, AP*)
- BoDean Asphalt Plant – (*Wall Street Journal*)
- Evergreen Oil (*Oakland Tribune*)
- Airbourne Salts (*Sacramento Bee*)
- Pollution sources (*San Jose Mercury News*)
- Air monitoring (*KGO, KNTV, Univision, Contra Costa Times, KCBS*)
- York Cleaners in Mill Valley (*Mill Valley Patch*)
- Port of Oakland idling regulation enforcement (*KPIX*)
- Air monitoring results (*KRON, KCBS, SF Chronicle, Richmond Confidential, KTVU, KQED, Bay City News, Contra Costa Times*)
- Carpooling (*ABC 7*)
- Electric Vehicles (*NBC Bay Area, C-Net Blog*)
- PM Report workshop (*NBC Bay Area, C-Net Blog*)
- PEV Plan (*Bay City News*)
- Odors from lagoon (*Marin Independent Journal*)
- Chevron Bypass (*Platt News, SF Chronicle, KQED, Richmond Confidential, DOW Jones News, Bloomberg, West County Times, KPIX, KTVU, Energy News Today, Law 360, NBC 11, Contra Costa Times, KGO 7, KCBS*)
- Lehigh (*Bay Nature*)
- Chevron violations (*SF Chronicle*)
- Portland cement rule – (*KQED*)

Media Highlights

The Air District was mentioned in approximately 5,120 print/online stories and 780 video clips in the last quarter. Below are the last quarter’s media coverage highlights: (to view press control key and click link)

06/20/12	Downtown San Jose road work will result in better biking	San Jose Mercury News
06/26/12	Sears puts illegal water heater in sales ad	ABC 7 News
06/14/12	Planned burn scheduled for Thursday in park land	San Jose

	east of San Jose	Mercury News
07/11/12	Stagnant, smoggy air prompts third straight Spare the Air alert	Marin Independent-Journal
07/11/12	Spare the Air - is anybody listening?	SF Chronicle
07/11/12	Mirkarimi hearing resumes next week; a sneak peak (of 390 Main)	SF Chronicle
07/20/12	Downtown San Jose road work will result in better biking	San Jose Mercury News
07/25/12	Class action filed against landfill owner	Milpitas Post
07/26/12	Marin Independent Journal: Three new electric vehicle charging stations will be installed in Fairfax	Marin Independent-Journal
07/26/12	PG&E confronts poisons of the past	San Francisco Examiner
07/26/12	Lafayette leaders, residents clash over growth	San Jose Mercury
07/27/12	Regional air quality board sitting on \$7.8 million reserve	Monterey County Herald
07/31/12	Calstart Aims To Bring EV Charging To Work	Aftermarket Leads
08/03/12	Contra Costa Library Offers Free BART Tickets for Museum-Goers	Walnutcreekpatch.com
08/06/12	Plan set to generate power from Potrero Hills landfill	North Bay Business Journal
08/07/12	Richmond: Furious crowd confronts Chevron refinery, government officials at town hall meeting	Daily Breeze
08/08/12	Richmond air quality safe, analysis says	San Francisco Chronicle
08/13/12	Refinery fire highlights pollution concerns	Stamford Advocate
08/15/12	Asphalt Proposal Draws Complaints From Neighbors	Wall Street Journal
08/19/12	Refinery smoke blew past air monitors	SF Chronicle
08/20/12	Why L.A. is ahead on gauging air quality	SF Chronicle
08/21/12	Residents have right to know what is in the air	SF Chronicle
08/21/12	Federal investigators still focused on failing pipe in Chevron refinery fire	SJ Mercury News
08/22/12	Bay Area Students Find Green Ways Back to School	Castro Valley Patch
09/02/12	New rules spur sales of big-rigs in North Bay	Santa Rosa Press Democrat
09/03/12	The Bay Area Chevron explosion shows gaps in refinery safety	High Country News
09/06/12	New Site For SF Bay Area Makes Buying Electric, Plug-In Cars Easy	Green Car Reports

09/10/12	Air District to Improve Refinery Fire Response	KQED Blog
09/24/12	Feds open criminal probe of Chevron	Contra Costa Times
09/24/12	Data Barns in a Farm Town, Gobbling Power and Flexing Muscle	NY Times
09/25/12	Chevron Under EPA Probe for Avoiding Refinery Monitors in 2009	Bloomberg Businessweek
09/26/12	Charbroiled burgers air pollution menace? Smoke from burgers cooked on grills blamed	The Press-Enterprise
09/27/12	Air Quality District applies stricter rules to Lehigh cement plant	Los Altos Town Crier
09/27/12	San Francisco Bike Sharing Program Set to Catch Up	Green Packs

Public Inquiries

Air District staff responded to approximately 440 calls and 98 e-mails from the public, many regarding the Chevron fire.

Phone Calls – 440

E-mails - 98 (sparetheair.org, baaqmd.gov, feedback@baaqmd.gov)

Publications

Air Currents

The fifth electronic edition of the Air District’s newsletter, Air Currents, was published on August 1, 2012. Articles included a feature story on the Air District new Health Officer, as well as updates and announcements regarding components of the Spare the Air Program.

League of Women Voters’ Bay Area Monitor

The August issue of League of Women Voters Bay Area Monitor Newsletter featured an article entitled, “Demonstrating Progress: Testing Locomotives of the Future,” which discussed Air District grants for locomotive demonstration projects and was written in consultation with Air District staff. The Bay Area Monitor has a circulation of about 4,000 subscribers and is available online.

Public Information Campaigns

Employer Program Leadership Committee

Air District staff and contractors met with members of the Employer Program Leadership Committee on September 13, 2012 at Pixar. At the meeting, representatives from MTC and the Air District provided an overview of Senate Bill 1339, which will allow the Air District and MTC to adopt a 4-year regional commuter benefit requirement. Meeting participants discussed the impending legislation and the activities the Employer Program will undertake in the next year to help employers comply with it.

Great Race for Clean Air

More than 200 Bay Area companies are participating in the Great Race for Clean Air which began on September 1, 2012 and continues through the end of October 2012. So far,

participants have prevented more 240,000 pounds of CO₂ from polluting Bay Area skies, by taking transit, walking, biking and carpooling to work instead of driving alone.

Air District staff issued a press release to announce the program's launch and presented information regarding the competition to the Public Outreach Committee.

PEV Ready Website

Air District staff launched the Plug-in Electric Vehicle (PEV) Ready website in early September 2012. The website serves as a one-stop shop for information regarding PEV's in the Bay Area

Social Media Workshop

Air District staff and contractors conducted a social media seminar on August 28, 2012 for Air District Public Information Officers. Air District staff learned about how reporters and community groups are using social media.

Spare the Air

The Air District issued 7 Spare the Air Alerts this summer.

Air District staff worked with contractors to implement components of the 2012 advertising campaign and plan for a campaign re-launch in 2013.

New radio spots began running in mid-July 2012 and TV and online ads began in early August 2012. As part of the campaign, Spare the Air gave away clipper cards at the Connoisseurs Marketplace in Menlo Park on July 21, 2012 and July 22, 2012.

Air District staff met with contractors to review the results of a baseline survey conducted by True North Research for the Spare the Air Program toward the end of the season. The survey results are being used to shape the advertising, media relations and employer outreach strategies for the major campaign re-launch planned for 2013.

Website

The Air District Board approved a contract for website maintenance and updates at the July 30, 2012 Board meeting. Air District staff is working with a contractor to conduct an assessment of the BAAQMD.gov website; expected completion date is December 2012.

Winter Spare the Air

Air District staff worked to update Winter Spare the Air (WSTA) materials as well as working with contractors to plan the upcoming advertising and media outreach campaigns for the fifth WSTA season beginning November 1, 2012.

Community Meetings

- June 26, 2012 – **Spare the Air Youth Technical Advisory Group meeting**, MTC Offices

Approximately 25 youth service providers attended from programs throughout the Air District's nine-county region.

- June 26, 2012 – **Meeting with Greenaction**, Air District Offices

Air District staff met with Marie Harrison and three Green Action interns to discuss the airborne asbestos action levels currently used in Asbestos Dust Mitigation Plans for construction projects in the Bayview Hunters Point neighborhood of San Francisco.

- June 26, 2012 - **Employer Program Leadership Committee** Conference Call

Approximately 15 members participated on the call. Employer Program members discussed the Employer Breakfast on May 22, 2012.

- June 27, 2012 – **Meeting with Bay Area Environmental Health Collaborative**, San Francisco

Air District staff met with the Coordinator of BAEHC to discuss progress since the January 26, 2012 District/BAEHC retreat.

- July 10, 2012 – **Meeting between Air District and BAEHC staff**, San Francisco

Air District staff met with BAEHC Coordinator, Rosina Roibal, to develop principles of collaboration for the two organizations.

- July 17, 2012 – **Spare the Air Youth staff meeting**, Oakland

Spare the Air Youth Program staff met to review the latest version of the program website, to receive updates on recently funded pilot projects and to begin planning for Phase II of the Spare the Air Youth Program. Phase II will include the release of approximately \$2 million in grant funds for youth outreach efforts regionally. The Spare the Air Youth Program is a collaborative effort between the Air District, MTC and ABAG staff to promote alternative transportation and environmental youth resources regionally. Approximately 8 regional agency staff and consultants participated.

- July 18, 2012 – **BAEHC Conference Call**, Air District Offices

Air District staff participated on a planning conference call with BAEHC members regarding the September 11 quarterly meeting between BAEHC and the Air District.

- July 19, 2012 – **North Richmond Municipal Advisory Council**, Richmond

Air District staff gave a brief update on the June 5, 2012 CARE Task Force meeting and workshop on identifying impacted communities to the Advisory Council and listened to a presentation from Dr. Wendell Brunner, Public Health Director for Contra Costa County, on West Contra County health inequities and efforts to counter them. Approximately 25 community members attended.

- July 25, 2012 – **Spare the Air Youth Program**, conference call

Air District and MTC staff met with the City and County of San Francisco's Department of the Environment to discuss recent School Pool promotional efforts in San Francisco. The Spare the Air Youth Program is a collaborative effort between the Air District, MTC and ABAG staff to promote alternative transportation and environmental youth resources regionally.

- July 26, 2012 – **African American Community Health Equity Council**, San Francisco

Air District staff attended the quarterly meeting of the Environmental Justice Subcommittee of the African American Community Health Equity Council of San Francisco. AACHEC staff gave a presentation on their environmental health policy recommendation to the City and County of San Francisco that asks San Francisco to adopt 24-hour dust control at all construction sites. Both Air District and San Francisco Department of Public Health staff presented information to the subcommittee on existing dust control regulations and laws on the local, regional and state levels. Approximately 20 council and community members participated.

- July 29, 2012 – **Santa Rosa Festival of Neighborhoods**, Santa Rosa

Air District staff hosted an informational table at the Third Annual Festival of Neighborhoods in Santa Rosa. Air District staff answered questions and concerns about air quality in the Santa Rosa and the North Bay. Areas of interest included wood burning, pollution due to proximity to major roadways and the Air District's Spare the Air program. In addition, two persons shared fliers that encouraged the public to register odor complaints about the BoDean Asphalt plant with the Air District. Approximately 50 people visited the Air District table including local activists, elected officials and the general public.

- August 6, 2012 – **Monument Community Partnership Senior Action Team**, Concord

Air District staff gave a presentation on the District's CARE Program to the Senior Action Team of the Monument Community Partnership. Issues addressed included local air quality data, a brief review of health risks associated with car exhaust and an examination of local and regional efforts aimed at reducing near roadway pollution. Air District staff also met local social service providers to residents of Concord's Monument neighborhood. Ten Senior Action Team members attended.

- August 9, 2012 – **Bay Area Environmental Health Collaborative**, San Francisco

Air District staff met with members of the Bay Area Environmental Health Collaborative to discuss progress toward updating the methodology of identifying communities impacted by air pollution

- August 13, 2012 - **America's Cup Planning Meeting**, San Francisco

Air District staff attended a planning meeting for the upcoming America's Cup World

Series. America's Cup officials will be distributing a transit map created by the Air District's San Francisco Resource Team.

- August 14, 2012 – **Spare the Air Youth Program**, conference call

Air District and MTC staff reviewed updates on pilot youth projects, sample pages of the Spare the Air Youth Program website (on-line by September) and discussed plans for Phase II of the Spare the Air Youth Program, which will include a regional youth conference (Spring 2013). The Spare the Air Youth Program is a collaborative effort between the Air District, MTC and ABAG staff to promote alternative transportation and environmental youth resources regionally.

- August 14, 2012 – **MTC Intern Forum**, Oakland

Air District staff attended the Intern Forum at MTC to support our intern as she presented her summary of her time at the Air District.

- August 23, 2012 - **Techniques for Diffusing and Responding to Aggressive Behavior**, Air District Offices

Air District staff participated in training on techniques for diffusing and responding to aggressive behavior.

- August 27, 2012 - **Contractor Meeting with Community Focus**, Air District Offices

Communications and Outreach staff met with Community Focus staff to discuss the contract logistics and upcoming Resource Team projects.

- August 28, 2012 - **San Jose Green Vision Meeting**, San Jose City Hall

The Team received updates on the City of San Jose's Green Vision, the Cool California Challenge, Home Energy Savings Workshops, and discussed a waste reduction project with Catalog Choice. Approximately 15 people attended the meeting.

- August 30, 2012 – **Hunters View Redevelopment Project Site Interagency Meeting**, San Francisco

Air District staff met with the Department of Substances Control, the San Francisco Department of Public Health and the San Francisco Housing Authority to discuss better coordination and response to community concerns related to the Hunters View Redevelopment construction site.

- September 4, 2012 - **Spare the Air Youth Meeting**, Oakland

Air District and MTC staff reviewed the Spare the Air Youth beta website and brainstormed ideas to publicize and outreach to Bay Area schools.

- September 19, 2012 – **Air District Board of Directors Meeting**, Air District Offices

Air District staff assisted the approximately 15 community members whom attended the board meeting to speak on the Air District's Portland Cement Manufacturing rule.

- September 22, 2012 – **Bayview Hunters Point Shipyard Tour**, San Francisco

Air District staff attended the Navy's bus tour of the Hunters Point Naval Shipyard. The tour focused on the Navy's cleanup efforts on the former shipyard and provided information on the projected timeline of the project and various parcels. Approximately 20 people attended the tour.

- September 25, 2012 – **Spare the Air Youth Outreach Meeting**, MTC Offices

The group discussed final changes to the draft website, brainstormed an outreach plan for it and prioritized a list of SchoolPool issues to discuss at the next MTC TAC meeting.

Conferences and Workshops

- July 11-12, 2012 – **Metal Melting Regulation Workshops**, Oakland and Redwood City

Workshops on regulations affecting metal melting, metal processing, recycling and shredding operations were held in Oakland and Redwood City. At the workshops, Air District staff presented information on draft regulations 12-13 and 12-14, including a draft requirement for facility-based Emissions Minimization Plans and other updates on how the draft regulations had changed since the first round of public workshops in the summer of 2011. Approximately 44 industry representatives and community group members participated.

- September 6, 2012 – **Bangladesh Delegation Visit**, Air District Office

Air District Communications staff provided an overview presentation on the Air District's Summer and Winter Spare the Air campaigns to a delegation visiting from Bangladesh. The group included three visitors from Bangladesh and two staffers from CARB.

Resource Teams

- August 1, 2012 – Contra Costa County Spare the Air Resource Team

Air District staff participated in the Contra Costa County Spare the Air Resource Team meeting. At the meeting, team members reviewed planning for their projects: an Idle-Free Schools Project and a Youth Transit to Trails Project, a collaborative effort with the Open Space Council. In addition, staff gave an update on the Air District's Public Participation Plan and announced the August 22nd

workshop and webcast on Reducing Particulate Matter Pollution. Approximately 15 team members participated.

- August 13, 2012 – **Southern Alameda Count Spare the Air Resource Team**

The Southern Alameda County Spare the Air Resource Team continued to discuss the idea of developing a shuttle system in the Southern Alameda County area to better connect residents and business parks. The Team discussed current shuttle systems and potential models for the Southern Alameda County area. Eight people attended.

- August 30, 2012 - **Santa Clara Resource Team Meeting**, Sunnyvale

The Team is drafting information to be provided in a commuter toolkit created for employers. Approximately 10 people attend the meeting.

- September 13, 2012 – **Tri-Valley Spare the Air Resource Team**, Conference Call

The Tri-Valley Spare the Air Resource Team will meet to discuss and review their idle-free Tri-Valley campaign in schools, a campaign that encouraged parents not to idle their vehicles when dropping kids off at school. The Team will also discuss the Extreme Makeover: Commute Edition project's next steps and a recruiting event in the area for the team.

- September 19, 2012 – **Contra Costa Resource Team Meeting**, Conference Call

Approximately 15 people attended the resource team meeting to continue working on the anti-idling campaign.

Community Events

Air District staff represented the Air District and hosted informational booths at the following community events:

Alameda County

- July 6 to July 8, 2012 – **Alameda County Fair**, Pleasanton
710 members of the public visited the booth; 300 signed up to receive Spare the Air email alerts.

- July 14, 2012 – **Bike 4 Breath Expo**, Foster City

75 members of the public visited the booth and 30 signed up to receive Spare the Air email alerts.

- August 18, 2012 – **Jack London Pedal Fest**, Oakland

158 STA sign-ups

Marin County

- September 9, 2012 – **EcoFair Marin**, San Rafael

18 new Spare the Air sign-ups

Napa County

- August 8 – 12, 2012 – **Napa Town & County Fair**, Napa

Approximately 300 sign-ups

San Francisco County

- August 26, 2012 – **Sunday Streets Fair**, China Town, San Francisco

200 new Spare the Air sign-ups

- Sunday 9, 2012 – **Sunday Streets Fair**, Western Addition/Alamo Square, San Francisco

26 new Spare the Air sign-ups

San Mateo County

- July 14, 2012 – **Bike for Breath**, Foster City

40 new Spare the Air sign-ups

- September 1 – 2, 2012 – **Millbrae Art and Wine Festival**, Millbrae

259 new Spare the Air sign-ups

Santa Clara County

- September 18, 2012 – **Intuitive Surgical Commuter Fair**, Sunnyvale

259 new Spare the Air sign-ups

- September 23, 2012 – **Electric Auto Association Silicon Valley EV Rally**, Cupertino

35 new Spare the Air sign-ups

Sonoma County

- July 26 – July 29, 2012 – **Sonoma County Fair**, Santa Rosa
710 members of the public visited the booth; 400 signed up to receive Spare

the Air email alerts.

- July 29, 2012 – **Santa Rosa Festival of Neighborhoods**, Santa Rosa

15 new Spare the Air sign-ups

Solano County

- August 1 – 5, 2012 – **Solano County Fair**, Vallejo

Approximately 250 sign-ups

PLANNING DIVISION – H. HILKEN, DIRECTOR
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Exposure Assessment and Emissions Inventory Program

Air District staff continued work on updating maps of communities impacted by air pollution. Air District staff presented information on the update of the Air District's impacted community maps at the California Council for Environmental and Economic Balance (CCEEB) Summer Issues Seminar and at the Contra Costa Council Environmental and Manufacturing Task Force meeting. Staff also met with representatives of CCEEB, PG&E and the Bay Area Environmental Health Collaborative (BAEHC) to discuss the updates to the impacted community boundaries. Staff participated in CalEPA's Cumulative Impacts and Precautionary Approach work group meeting, at which CalEPA presented an update on a draft statewide methodology for identifying impacted areas. Staff continued to assist Air Quality Planning staff with environmental analysis of the Sustainable Communities Strategy and with review and comment of CEQA documents. Staff participated in a meeting with US EPA, Natural Resources Defense Council, and Technical Division staff on placement of a near roadway monitor along the 80/880 freeway corridor.

Air District staff completed a summary of the District's emissions inventory for the PM State Implementation Plan (SIP) submittal. Staff submitted the District's 2011 permitted source emission data (criteria, toxic, and GHG) to CARB. Staff participated in a final meeting and signed off on the completion and review of the GHG Verification Report for GHGs from District operations. Staff prepared an updated list of 2010 GHG emitting facilities in the Bay Area to assist cities preparing local GHG inventories and climate action plans.

Air Quality Planning Program

Air District staff continued to collaborate with ABAG and MTC staff on development of the Bay Area Sustainable Communities Strategy (SCS) and participated in regular work group meetings. Staff continued working with regional agency partners to prepare the local air pollutant analysis for the SCS DEIR. Staff reviewed and provided comments on climate action plans (CAPs) to the following local governments: City of Colma; City of

Livermore; Town of Yountville; City of Gilroy; City of Berkeley; County of Contra Costa; and County of San Mateo. Staff reviewed and provided feedback to the Association of Environmental Professionals on two white papers “Forecasting Community-wide GHG Emissions and Setting Targets” and “SB375 Consistency and CEQA.” Staff continued participating in the development of ICLEI’s draft “US Community GHG Inventory Protocol for Accounting and Reporting GHG Emissions.” Staff continues working with CAPCOA and other air districts on the development of guidance for a CAPCOA GHG Exchange program for CEQA purposes.

Staff released a draft PM2.5 emission inventory required for the upcoming PM2.5 SIP submittal, as well as a draft informational report entitled “Understanding Particulate Matter: Protecting Public Health in the SF Bay Area”. Staff participated in a steering committee for the US EPA Region 9’s upcoming (November 14) Black Carbon Symposium. Staff continued participating in technical advisory committees for the development of station area plans in the City of Larkspur and the City of Sunnyvale.

Staff continued implementation of the CEQA Guidelines through meetings with staff from local jurisdictions; presentations to various organizations; tracking the use of the CEQA Guidelines by lead agencies; responding to numerous inquiries from local government staff and consultants, and drafting comment letters. Staff provided CEQA comment letters to the following lead agencies: City of San Bruno on the Transit Corridors Specific Plan DEIR; the City of Santa Rosa for the Station Area Specific Plan DEIR; the City of Pittsburg for the WesPac Pittsburg Energy Infrastructure Project DEIR; the County of Contra Costa for the Phillips 66 Company Propane Recovery Project NOP; the City of Walnut Creek for the BART Transit Village DEIR; the Port of Oakland for the 8350 Pardee Drive Project MND; and the City of Antioch for the Roddy Ranch DEIR.

Research and Modeling Program

Air District staff continued work on ultrafine particulate matter (PM) data analysis and modeling. Staff met with staff of the State Office of Environmental Health Hazard Assessment (OEHHA) to discuss how to quantify the public health impacts of ultrafine PM in the Bay Area. Collaborating with members of the NASA Air Quality Applied Science Team, staff developed four projects that will use satellite data to improve air quality forecasting and model performance in the Bay Area. Staff provided data and assistance to Air Quality Planning staff to support preparation of the District’s PM SIP submittal and PM report. Staff assisted Rule Development staff in responding to comments on the proposed cement kiln rule and met with community members regarding their comments on the proposed rule. Staff made progress on automating meteorological input preparation to AERMOD modeling applications for use in the permitting process. Staff continued to evaluate the Weather Research and Forecast (WRF) model’s performance in the Bay Area. Staff continued work on refining particulate matter simulations using alternative meteorological inputs.

Rule Development Program

On September 19, 2012, staff presented materials at a public hearing to consider adoption of a new rule limiting emissions from Lehigh Southwest Cement in Santa Clara County.

The Board adopted the proposed rule, Regulation 9, Rule 13: Nitrogen Oxides, Particulate Matter and Toxic Air Contaminants from Portland Cement Manufacturing. Staff conducted workshops on two draft rules applicable to foundries and forges (Regulation 12, Rule 13: Metal Melting and Processing Operations), and metal recycling and shredding facilities (Regulation 12, Rule 14: Metal Recycling and Shredding Operations) in Oakland and in Redwood City. Staff expects a public hearing on these proposals to be scheduled for first quarter 2013. Staff is continuing rule development efforts related to Regulation 6, Rule 1: Particulate Matter, General Requirements; to Regulation 9, Rule 10: Nitrogen Oxides and Carbon Monoxide from Boilers, Steam Generators and Process Heaters in Petroleum Refineries; and to a new rule that would reduce sulfur dioxide emissions from a Phillips 66 coke calcining facility in Rodeo, CA. Staff initiated development of a new rule to reduce emissions and risk from standby emergency diesel generators.

STRATEGIC INCENTIVES – D. BREEN, DIRECTOR

Following is a summary of the Strategic Incentives Division achievements for the third quarter of 2012.

Carl Moyer Program (CMP)

Administration:

- Staff participated in a call with ARB and other air districts regarding future changes to the CMP guidelines, 7/11.
- Staff participated in a call with ARB and other air districts regarding the process for completing the CMP yearly reporting form that is due at the end of August, 7/12.
- Staff participated in a call with ARB and other air districts regarding the drafting of a policy to allow a blanket waiver for off-road projects that have underperformed during 2008, 2009, or 2010, 7/12 & 8/15.
- Staff witnessed load testing on the shore power system funded at the Port of Oakland's berths 56, 57, and 58, 7/13 and 7/14.
- Staff met with ARB to go through the design of the Air District's online grants management system, 7/25.
- Staff sent out 848 annual reports to grantees that are required to complete and return these forms by 8/1.
- Staff participated in a conference call with ARB staff and other air districts regarding ARB outreach activities planned for their August Regulation Awareness/Clean Truck Month Campaign, 8/7.
- Staff participated in a conference call with ARB staff and other air districts regarding potential changes to the CMP on-road/ VIP guidelines, 8/9.
- Staff participated in the EPA West Coast Diesel Collaborative Trucking Sector conference call, 8/14.
- Staff submitted the District's 2012 Yearly CMP report to ARB, 8/14.

- Staff presented information on the District's on-road VIP program as part of an ARB class on Diesel Regulations and Retrofit Training, 8/14.
- Staff attended the CA Trucking Association Driver's Appreciation BBQ in Sunol and provided grant program information to attendees, 8/20.
- Staff participated in a conference call with ARB and staff from other air districts regarding proposed guideline changes to the off-road equipment category, 8/22.
- Staff participated in the CAPCOA Mobile Source & Fuels/ Grants Committee meeting, 8/22 & 9/26.
- Staff was interviewed for an article in the Sonoma Press Democrat regarding District grant programs for on-road trucks, 8/29.
- Staff submitted draft policies on project monitoring and enforcement to ARB for review and comment, 9/4.
- Staff participated in the ARB In-Use Off-Road Mobile Agricultural Equipment Regulation Webcast, 9/18.
- Staff presented information at an ARB off-road regulation workshop in San Leandro, 9/19.
- Staff attended the EPA New Ocean Vessel Air Pollution Laws and Criminal Clean Air Act Case Presentation, 9/19.

Year 13:

- Staff closed out the CMP Year 13 program, 7/23.

Year 14:

- Staff started accepting project applications for the CMP Year 14 funding cycle, 7/23.
- District received the first check from ARB for \$891,622 in CMP Year 14 multi-district funding, 7/11.

Goods Movement Program (GMP)**Administration:**

- Staff submitted the District's quarterly GMP reports to ARB, 8/14.
- Staff attended the Port of Oakland Trucker Working Group meeting, 8/20.
- Staff participated in a conference call with ARB and San Joaquin APCD staff to discuss implementation details for the GMP truck re-use program, 9/5.
- Staff participated in a conference call with ARB and local air districts to discuss ideas for streamlining the GMP guideline requirements, 9/19.
- Staff presented a grant program update at the Port of Oakland Trucker Working group meeting at the Port of Oakland, 9/17.
- Staff participated in a Webinar presented by Cascade Sierra Solutions regarding port truck replacement projects and the upcoming ARB compliance deadlines, 9/20.

Year 1:

- Staff submitted the liquidation report for the GMP Year 1 on-road truck program to ARB, 8/22.

Year 2:

- Inspectors completed or attempted 394 inspections for this program since October 2011.
- Approximately 170 trucks have been contracted (\$8,153,000) with remaining trucks undergoing contracting reviews/approvals.
- Staff added 61 trucks to the pre-inspection schedule. Although this number exceeds available funding, having a set of trucks pre-inspected and ready for quick contracting will assist staff to obligate all YR2 funds by the end of 2012.

Year 3:

- Inspectors have contacted 100% of the applicants needing pre-inspection and completed 109 (of 111) inspections required as part of the program.
- More than 200 truck owners attended four contract-signing and information events held at the Port of Oakland July 12, 13, 18 and 20.
- Staff attended an event at the Port of Oakland for Year 3 grantees setup by Crossroads Equipment Lease and Finance, LLC and truck dealers, 7/31.
- Staff worked with grantees on 855 trucks and successfully executed Grant Agreements for 708 trucks.
- Fifteen of the 708 truck projects have entered post-inspection/payment process.
- ARB approved the Air District request to transfer unallocated Year 3 Port Truck funds to currently unfunded projects on the District's Year 2 on-road project list.

Year 4:

- Staff participated in a conference call with ARB and local air districts regarding the plan for implementation for GMP Year 4 funding cycle, 9/6.
- Staff participated in a conference call with ARB and local air districts to discuss changes to the GMP guidelines project categories for the upcoming Year 4 solicitation, 9/25.

DERA:

- Staff prepared and submitted to the EPA the 2nd Quarter 2012 Report, 7/5.
- Forty-three of a potential 102 participants have expressed interest in the DERA program and contracting is underway for this program.

05/06 Drayage Truck Replacement:

- Board approved Cascade Sierra Solutions as the contractor for this program. Staff and CSS will conduct outreach to solicit applications from any eligible truck registered in the Bay Area and operating at Bay Area ports.
- Staff began accepting applications for port truck program, 8/16.
- Staff sent invitation letters to 359 truck owners in the Bay Area and has distributed printed information and flyers in/around the Port of Oakland to advertise this Program.
- Staff attended and presented information on the program at the Port Trucker Appreciation Fair at the Port of Oakland, 9/21.

- Fourteen trucks have applied for funding. The solicitation period for the engine model year 2005/2006 port truck replacement program closed, 9/28.

Transportation Fund for Clean Air (TFCA)

Administration:

- Staff attended the Alternative Fuels and Infrastructure Technical Working Group meeting, hosted by the Solano Transportation Authority, 7/11.
- The Air District released the FYE 2013 TFCA Regional Fund draft Policies for public comment. Comment period ended 7/20.
- Staff sent out all bi-annual reporting materials to the nine Program Managers; these forms are due back by October 31, 2012. These forms require the Program Managers to update all TFCA-funded projects, including updates on project progress and fund usage for all open projects, and final reports for all recently closed projects.
- The Proposed TFCA County Program Manager Policies for FYE 2014 were sent to the nine Program Managers for comment on 9/6. These proposed Policies incorporate input from County Program Managers, numerous instances of clarification of language, as well as updates and revisions required by Air District Legal Counsel.
- Air District staff held a teleconference meeting with the County Program Managers to discuss the Proposed TFCA County Program Manager Policies for FYE 2014, 9/26.
- Seven of the nine County Program Managers provided written comments on the draft policies by the 10/1 deadline.
- The first of two payments to each county for its share of the DMV revenues for the FYE 2013 County Program Manager program are currently being processed.

Electric Vehicles:

- Staff participated in a workshop conducted by ARB regarding the updates to the Hybrid & Zero-Emission Truck and Bus Voucher Project (HVIP), 7/12.
- Staff participated in conference calls with members of the CA Plug-in Electric Vehicle (PEV) Collaborative to discuss Workplace Charging on 7/16 and Multi-Unit Dwellings Charging on 7/17.
- Staff met with a representative from Nissan to discuss the current status of electric vehicle (EV) deployment in the Bay Area and potential funding available for projects that support EV workplace charging, 7/30.
- Staff attended workshop on Workplace Charging at Google Headquarters, 7/31.
- Staff participated in a conference call organized by the Silicon Valley Leadership Group's Bay Area Climate Collaborative to review nominations for their Ready, Set, Charge! Bay Area Electric Vehicle (EV) Readiness Awards, 8/2.
- A contract with CALSTART to conduct work on workplace charging was executed on 8/9.
- Staff participated in a teleconference with state agencies and SCAQMD to discuss potential opportunities to collaborate on incentive programs for Multi-Unit Dwelling (MUD) charging station installations, 8/14.

- Staff met with representatives from Clipper Creek (8/1) and AeroVironment Inc. by telephone (8/14) to discuss the status of the Electric Vehicle Supply Equipment (EVSE) Deployment Program.
- Air District Executive Officer and staff attended the quarterly California PEV Coalition Members Meeting, Palo Alto 8/15.
- Staff met with representatives from Quantum Technologies to discuss the funding available for Hybrid Electric vehicle projects, 8/23.
- Air District Executive Officer Jack Broadbent and SID's Director presented at "Charged 2012: EV Symposium Silicon Valley," hosted by the Bay Area Climate Collaborative in Palo Alto, 8/24.
- Staff participated in a conference call with representatives from NRG to coordinate and discuss charging station siting strategies, 8/28.
- Air District Electric Vehicle Supply Equipment (EVSE) Home Charger Program has provided funding for more than 797 Bay Area residents; vehicles charged through this program have driven over 4.7 million electrical miles.
- Staff met with representatives of General Motors to discuss opportunities to partner on the Air District's EVSE Home Charger Program, 9/7.
- Staff co-hosted teleconference meetings with the Multi-family Dwelling Unit (MDU) workgroup, consisting of representatives from private and public entities, to discuss potential opportunities for charging station installations in MDUs, 9/13, 9/17 and 9/25.
- Staff met with Plug In America representatives to discuss potential opportunities to collaborate on PEV outreach and details about the 9/23 National Plug-In Day event, 9/13.
- Staff, in coordination with ECOtality, issued a survey to participants of the EV Project Home Charger Program to learn about their experience obtaining and owning PEVs, 9/21.
- Staff attended the AltCar conference in Santa Monica, 9/28.

Bay Area/Monterey Bay PEV Readiness Project:

- Staff submitted a monthly status report on the Project to the CEC on 7/5, 8/7 & 9/10.
- Staff hosted a conference call with the Bay Area EV Strategic Council to receive input on the draft Bay Area PEV Readiness Project Planning Documents, 7/17.
- Staff submitted quarterly progress report for the DOE grant on the Bay Area PEV Readiness Planning Project to South Coast AQMD, 7/20.
- Staff held conference call meetings with representatives from the three Bay Area Clean Cities Coalitions (8/6, 8/13) and the Monterey Bay partners (8/13) to discuss the status of the Bay Area and Monterey Bay PEV Readiness Plans.
- Staff received a fully executed grant contract (\$200,000) from the CEC to conduct PEV readiness planning work in the Monterey Bay region, on 8/2.
- Staff met with representatives from ICF International on 8/17 (in-person) and 8/22 (by phone) to discuss strategies to complete the draft Bay Area and Monterey Bay PEV Readiness Plan.

- Staff held conference call meetings with representatives from the three Bay Area Clean Cities Coalitions (8/20, 8/27) to discuss the status of the Bay Area and Monterey Bay PEV Readiness Plan.
- Staff closed the Employer PEV Readiness Survey (a survey issued to Bay Area and Monterey Bay workplaces to assess PEV readiness) on 8/24, and received over 450 responses.
- Staff issued RFP for a contractor to conduct peer review of the Bay Area and Monterey Bay PEV Readiness Plan (9/4).
- Staff held conference call meetings with representatives from the CA PEV Collaborative (9/29, 9/10), the three Bay Area Clean Cities Coalitions (9/05, 9/11), the Bay Area EV Strategic Council's Planning and Technical Committees (9/5) and to discuss statewide coordination on the PEV readiness planning project and the status of the Bay Area and Monterey Bay PEV Readiness Plan.
- Staff held a teleconference meeting with the three Bay Area Clean Cities Coalitions to discuss the status of the Bay Area and Monterey Bay PEV Readiness Plan, 9/20.
- Staff issued an RFP for a contractor to conduct CEQA analysis of the Bay Area and Monterey Bay PEV Readiness Plan, 9/20.
- Staff posted the first draft of the PEV Readiness Plan on District sponsored websites (www.BayAreaPEVready.org and www.baaqmd.gov/EVready) for public comment. Staff also coordinated with the Communications and Outreach Office to prepare and issue a press release announcing the availability of the draft Plan and six informational sessions that will be held throughout the region in late September – mid October, 9/25.
- Staff attended a kick-off meeting with Monterey stakeholders to discuss the ARV-11-003 CEC grant for the Monterey Bay PEV Readiness Plan, 9/25.
- Staff held informational sessions to outreach and solicit public input on the PEV Readiness Plan in Salinas (9/27), Cupertino (10/2), San Rafael (10/3), and San Francisco (10/9). These were the first four out of six sessions that will be held throughout the region.
- Staff held a conference call meeting with representatives from the CA PEV Collaborative (9/27) to discuss statewide coordination on the PEV readiness planning project and the status of the Bay Area and Monterey Bay PEV Readiness Plan.

Bicycle Program:

- Staff sent the draft bike share contract documents to the partners and Caltrans for comment on 7/6.
- Staff held conference calls to discuss program development with the Steering Committee, 7/1, 7/23, 7/25, 8/1, 8/8, 8/22, 8/29, 9/6, 9/12, 9/19 and 9/24.
- Staff and the Partner Working Group delivered a Climate Grants project status update to MTC, 7/18.
- Staff submitted the semi-annual Climate Grants progress report to MTC, 7/19.
- Staff held a call to discuss comments on the draft bike share contract documents with Caltrans Office of Local Assistance, 7/30.

- The draft contract documents were sent to Alta to begin negotiations, 8/15.
- Staff provided an update on the Regional Bike Share Pilot Project at the Capitol Corridor Bicycle Access Plan workshop in Oakland, 9/6.
- Staff attended the webinar, Shared Bike/Bus Lanes, presented by the Florida DOT and the National Center for Transit Research at the University of South Florida, 9/20.
- Staff submitted the third reimbursement request to Caltrans, 9/27.

Lower Emission School Bus Program (LESBP)

- Staff participated in the West Coast Collaborative (WCC) Public Fleets Workgroup teleconference to discuss in-use school bus rules and compliance, and funding sources/advantages of hybrid/electric school buses, 8/9.
- An amendment to the grant agreement between ARB and the Air District governing Proposition 1B funds was fully-executed and returned to ARB, 8/28. This amendment allows the Air District to accept additional Prop1B funds (beyond the original \$8.5 million award) and extends the deadline for fund expenditure to June 30, 2014.
- Staff attended and spoke at a celebration at Napa Valley Unified School District for the arrival of seven new hybrid school buses, including the first five Thomas/Eaton hybrid school buses in California, 8/21.
- Staff continues to review and evaluate applications received under the May 23, 2012, open call for projects. To date, the District has received five applications requesting approximately \$890,000 for CNG tank replacement projects and one application requesting approximately \$60,000 for a retrofit project.

Grant Development

- Staff held a conference call with the EPA to discuss the incremental award of \$689,883 for the 2012 DERA proposal to replace 70 trucks for \$2.7 million, 7/6. Staff revised and resubmitted the 2012 DERA proposal to reflect the incremental award of \$662,883, 8/6. Staff revised and resubmitted the 2012 DERA proposal to reflect the incremental award of \$898,833 to replace 22 trucks, 9/19.
- Staff held monthly check-in call with EPA and subcontract GT Exhaust to discuss advanced technology demonstration locomotive project funded under AQIP program, 7/16.
- Staff held monthly check-in call with EPA and subcontract Wind + Wing to discuss advanced technology demonstration wind-assisted ferry project funded under AQIP program, 7/17 & 9/6.
- Staff held monthly check-in call with ARB and subcontractor NREC to discuss delays in the schedule for the advanced technology demonstration locomotive project funded under AQIP program, 8/2 & 9/6.
- Staff participated in Department of Energy webinar, Community Renewable Energy Success Stories: Tapping into Wind in Urban Environments, 9/18.

- Staff participated in ARB workshop on AQIP Advanced Technology Demonstration Projects Zero-Emission Off-Road Technology Category solicitation to be released in October, 9/25.

Greenhouse Gas Reduction Grant Program

- Staff submitted the annual program update for FYE 2012 to the California Attorney General on 8/30/12. This report details the status of all project components funded under the GGRGP, as well as all expenditures, interest earned and the remaining fund balance.

TECHNICAL DIVISION – E. STEVENSON, DIRECTOR

Air Quality

During the 3rd quarter of 2012, ozone levels exceeded the 75 ppb national 8-hour standard on three days. This is the same number of days above the standard as occurred during the 3rd quarter of 2011. Spare the Air Alerts were declared for the three days when ozone exceeded the national standard and for three other days when ozone levels were lower than expected.

As is common during the summer season, particulate levels did not exceed State or national standards during the quarter. Although there were many large wildfires in extreme Northern California in July and August, none of the smoke from these fires transported any significant particulate to the Bay Area.

July and August were near normal in terms of maximum temperatures but September was cooler than normal, especially near the coast due to persistent fog. Usually, September has a few hot periods with offshore winds and clear skies along the coast. However, this year fog-free skies only occurred on one day, September 30th, just as the quarter ended. The September average high temperature in San Francisco was six degrees below normal.

Air Monitoring 3rd Quarter 2012

27 air monitoring stations and 3 Airport Lead special purpose monitoring sites were operational from July through September 2012, with all equipment operating on routine, EPA-mandated schedules. In early September, the Air Monitoring Section participated in a Technical Systems Audit conducted by EPA Region 9 focusing on the Technical Division's Data Management System and Air Monitoring field operations. Result of the audit are expected near the end of the year. In preparation for the EPA TSA, Air Monitoring also completed revisions and updates to 29 Air Monitoring Standard Operating Procedures.

The Cupertino Air Quality Monitoring trailer located at Monta Vista Park completed a second year of data collection on September 1st and may collect a third year of data through September 1st, 2013. No exceedances of any parameters have been recorded at this site and data continue to be typical of similar urban sites.

California Air Resources Board conducted two performance audits on the District's Patterson Pass NO_x and San Ramon NO_x and ozone monitors in September. All audit parameters were within required limits.

The Air Monitoring Section continued to work with Caltrans, City of Berkeley Parks, Recreation and Waterfront, PG&E, EPA Region 9 and various private and public property owners in pursuit of three EPA mandated Near Road NO₂ monitoring sites.

Performance Evaluation

- The Performance Evaluation Group conducted EPA-mandated performance audits on 66 analyzers at 18 District air-monitoring stations during the 3rd quarter of 2012. In addition, shutdown audits were performed on individual analyzers at the District's Redwood City and San Jose Jackson locations. Start-up audits were conducted at the District's San Ramon air-monitoring station during the 3rd quarter 2012. The group also audited the District's PM Lab.
- Ground-Level Monitoring (GLM) network audits of Hydrogen Sulfide (H₂S) and Sulfur Dioxide (SO₂) monitors were conducted at sites in the vicinities of the Chevron, Shell and Valero refineries. All 10 of the GLM locations that were tested met the District's performance criteria.
- The PE Group continued its regular maintenance of the District's 22 meteorology sites. Additional site maintenance was performed in preparation for the upcoming 4th quarter audit by an independent auditing firm. Also, bids have been received for the replacement of one of the meteorological towers that has become unsafe to climb.

Laboratory

In addition to routine ongoing analyses, eight gaseous grab samples taken from the vicinity of the Chevron Refinery, Richmond fire of 8/6/12 were analyzed for toxic compounds.

Six liquid crude, jet, diesel jet, and diesel samples taken from the Chevron Refinery, Richmond were analyzed for Initial Boiling Point, Flash Point, Reid Vapor Pressure, and percent sulfur.

Source Test

- Performance of Continuous Emissions Monitoring (CEM) Field Accuracy Tests on monitors installed at large source emission points.
- Performance of source tests to determine emissions of precursor organic compounds, filterable particulate matter and toxic air contaminants.

- Performance of tests to assess the compliance status of gasoline cargo tanks, gasoline-dispensing facilities, gasoline terminal loading and vapor recovery systems.
- The ConocoPhillips Rodeo Refinery's open path monitor monthly reports for June, July, and August were reviewed.
- The Source Test Section continued its participation in the District's Rule Development efforts for Metal Melting, Calcining, Charbroilers, Refinery Emission Inventory, and revisions to Regulation 6.
- Staff continued its evaluation of EPA's Method 201A and revisions to Method 202 for particulate particle size sampling.
- The Senior Air Quality Engineer working in the VOC Group was promoted to Department Manager.

STATISTICS

Administrative Services:

Accounting/Purchasing/Comm.

General Checks Issued	1,512
Purchase Orders Issued	456
Checks/Credit Cards Processed	4,193
Contracts Completed	80
RFP's	2

Executive Office:

Meetings Attended	216
Board Meetings Held	3
Committee Meetings Held	5
Advisory Council Meetings Held	2
Hearing Board Meetings Held	2
Variances Received	2

Information Systems

New Installation Completed	8
PC Upgrades Completed	0
Service Calls Completed	524

Human Resources

Manager/Employee Consultation (Hrs.)	300
Management Projects (Hrs.)	400
Employee/Benefit Transaction	500
Training Sessions Conducted	5
Applications Processed	145
Exams Conducted	7
New Hires	0
Payroll Administration (Hrs.)	580
Safety Administration	150
Inquiries (voice/telephone/in-person)	4,800

Strategic Facility /Vehicle

Requests for Facility Services	136
Vehicle Request(s)/Maintenance	38

Compliance Assistance and Operations Program

Asbestos Plans Received	534
Coating and other Petitions Evaluated	10
Open Burn notifications Received	30
Prescribed Burn Plans Evaluated	14
Tank/Soil Removal Notifications Received	47
Compliance Assistance Inquiries Received	114
Green Business Reviews	13
Refinery Flare Notifications	44

Compliance Assurance Program

Industrial Inspections Conducted 1	1,859
Gas Station Inspections Conducted	324
Asbestos Inspections Conducted	1,357
Open Burning Inspections Conducted	11
PERP Inspections Conducted	67
Mobile Source Inspections	609
Grants Inspections Conducted	349

Engineering Division:

Annual Update Packages Completed	1,700
New Applications Received	313
Authorities to Construct Issued	105
Permits to Operate Issued	444
Exemptions	17
New Companies added to Databank	134

Communications and Outreach:

Presentations Made	24
Responses to Media Inquiries	200
Press Releases & Advisories	17
General Requests for Information	530
Events staffed with Air District Booth	14
Visitors (District Tour)	2

STATISTICS (continued)

Compliance and Enforcement Division:

Enforcement Program

Violations Resulting in Notices of Violation	87
Violations Resulting in Notice to Comply	117
New Hearing Board Cases Reviewed	3
Reportable Compliance Activity Investigated	120
General Complaints Investigated	650
Smoking Vehicle Complaints Received	1,476
Woodsmoke Complaints Received	226
Mobile Source Violations	7

Technical Services:

3rd Quarter 2012 Ambient Air Monitoring

Days Exceeding Nat'l 24-hour PM _{2.5} Std.....	.0
Days Exceeding Nat'l 24-hour PM ₁₀ Std.....	0
Days Exceeding State 24-hour PM ₁₀ Std.....	0
Days Exceeding the Nat'l 8-hour Ozone Std.....	3
Days Exceeding the State 1-hour Ozone Std.....	2
Days Exceeding the State 8-hour Ozone Std.....	5

Reviewed.....129

Ozone Totals, Jan-Dec. 2012

Days Exceeding State 1-hour Ozone Std.....	2
Days Exceeding Nat'l 8-hour Ozone Std.....	4
Days Exceeding State 8-hour Ozone Std.....	.6

Particulate Totals, Jan-Dec. 2012

Days Exceeding Nat'l 24-hour PM _{2.5} Std.....	3
Days Exceeding the Nat'l 24-hour PM ₁₀ Std.....	0
Days Exceeding State 24-hour PM ₁₀ Std.....	.1

PM_{2.5} Winter Season Totals for 2011-2012

Days Exceeding Nat'l 24-hour PM _{2.5} Std.....	11
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3rd Quarter 2012 Agricultural Burn Days

July-Sept. Permissive Burn Days – North.....	61
July-Sept. No-Burn Days – North.....	31
July-Sept. Permissive Burn Days – South.....	61
July-Sept. No-Burn Days – South.....	31
July-Sept. Permissive Burn Days – Coastal.....	63
July-Sept. No Burn Days – Coastal.....	29

Laboratory

Sample Analyzed.....	1,114
Laboratory Analyses.....	1

Technical Library

Titles Indexed/Cataloged	
Periodicals Received/Routed	

Source Test

Total Source Tests.....	70
Pending Source Tests.....	6
Violation Notices Recommended.....	8
Contractor Source Tests Reviewed.....	3,423
Outside Test Observed.....	22
Violation Notices Recommended After Review....	3

Continuous Emissions Monitoring (CEM)

Indicated Excess Emission Report Eval.....	20
Monthly CEM Reports	
Indicated Exceeded from CEM.....	12

Ground Level Monitoring (GLM)

July-Sept. Ground Level Monitoring SO ₂ Excess Reports.....	0
July-Sept. Ground Level Monitoring H ₂ S Excess Reports.....	5

These facilities have received one or more Notices of Violations
Report period: July 1, 2012 – September 30, 2012

Alameda County				
Status Date	Site #	Site Name	City	Regulation Title
7/10/2012	A5148	Castro Valley Crematory Inc	Castro Valley	Failure to Meet Permit Conditions
9/5/2012	V4200	Happy Auto Repair	Fremont	Motor Vehicle & Mobile Equip Coating Operations
9/5/2012	E1503	Vanguard Auto Body	Fremont	No Authority to Construct; No Permit to Operate
7/10/2012	A8391	Western Digital Corporation	Fremont	Failure to Meet Permit Conditions
7/3/2012	V5075	Breakwater 76 Attn: Christina Jo	Hayward	Gasoline Dispensing Facilities
8/16/2012	B7969	P & R Auto Body Shop	Hayward	No Permit to Operate
7/24/2012	V4062	GrafcO Station	Livermore	Gasoline Dispensing Facilities
9/25/2012	C6476	ARCO Facility #00374 - A&N Petroleum Inc	Oakland	Failure to Meet Permit Conditions
8/2/2012	B0985	Custom Wood Finishing	Oakland	No Permit to Operate
8/2/2012	A0591	East Bay Municipal Utility District	Oakland	Major Facility Review (Title V)
7/5/2012	C8544	Seminary Gas	Oakland	No Permit to Operate
Contra Costa County				
Status Date	Site #	Site Name	City	Regulation Title
8/29/2012	U9918	Antioch Building Materials Co.	Antioch	Particulate Matter & Visible Emissions
7/5/2012	U7931	Brecht Construction	Clayton	Asbestos Demolition, Renovation & Mfg.
9/25/2012	A0091	Chevron Avon Terminal	Martinez	Gasoline Bulk Terminals & Gasoline Delivery Vehicles
8/29/2012	B0883	Clean Harbors Industrial Services, Inc	Martinez	Failure to Meet Permit Conditions
7/23/2012	B2758	Tesoro Refining and Marketing Company	Martinez	Equipment Leaks; Hydrogen Sulfide; Right of Access to Information
8/29/2012	A0031	Dow Chemical Company	Pittsburg	Failure to Meet Permit Conditions
8/6/2012	A0010	Chevron Products Company	Richmond	Public Nuisance; Major Facility Review (Title V); Particulate Matter & Visible Emissions; Process Vessel Depressurization
7/11/2012	B2076	State of California	Richmond	NOx & CO from industrial, institutional, & Commercial Boilers, Steam Generators, & Process Heaters
7/10/2012	A1840	West Contra Costa County Landfill	Richmond	Major Facility Review (Title V); Parametric Monitoring & Recordkeeping Procedures
7/18/2012	A0016	Phillips 66 Company - San Francisco Refinery	Rodeo	Public Nuisance; Major Facility Review (Title V); Sulfur Dioxide; Flare Monitoring at Petroleum Refineries
Marin County				
Status Date	Site #	Site Name	City	Regulation Title
8/21/2012	D0019	North Bay Gas	Fairfax	No Permit to Operate; No Authority to Construct
7/3/2012	C8435	A & A Gas	Novato	Failure to Meet Permit Conditions
8/27/2012	C9611	North Gate Gas	San Rafael	Failure to Meet Permit Conditions
Napa County				
Status Date	Site #	Site Name	City	Regulation Title
8/29/2012	V0701	Adam Wong	Napa	Open Burning

These facilities have received one or more Notices of Violations
Report period: July 1, 2012 – September 30, 2012
Continued

San Francisco County				
Status Date	Site #	Site Name	City	Regulation Title
7/31/2012	V4186	Blaze Fireplaces of No. Cal., Inc.	San Francisco	Right of Access to Information
7/3/2012	C8313	Mission 76	San Francisco	Gasoline Dispensing Facilities
9/20/2012	E1315	Opera Plaza	San Francisco	No Permit to Operate
8/21/2012	U9241	Restaurant Depot	San Francisco	Hexavalent Chromium ATCM
9/5/2012	A0915	San Francisco Petroleum Co	San Francisco	Gasoline Dispensing Facilities
9/10/2012	V4878	The John Stewart Company	San Francisco	Naturally Occurring Asbestos (NOA)
9/20/2012	B7291	Watermark HOA	San Francisco	No Permit to Operate
San Mateo County				
Status Date	Site #	Site Name	City	Regulation Title
9/5/2012	E1473	Alvins of San Francisco	Burlingame	No Permit to Operate; No Authority to Construct
8/6/2012	V4312	Millbrae Gas and Food	Millbrae	Failure to Meet Permit Conditions
7/3/2012	C0269	Gas and Shop	San Bruno	No Authority to Construct; No Permit to Operate
7/31/2012	V4187	The Energy House	San Carlos	Right of Access to Information
8/15/2012	V0383	Compass Transportation	South San Francisco	Commercial Vehicle Idling Citation
Santa Clara County				
Status Date	Site #	Site Name	City	Regulation Title
9/5/2012	V4814	Economy Lumber	Campbell	Failure to Meet Permit Conditions
8/6/2012	A0017	Lehigh Southwest Cement Company	Cupertino	Major Facility Review (Title V)
8/2/2012	C9911	McCarthy Ranch Chevron & Carwash	Milpitas	Failure to Meet Permit Conditions
8/2/2012	V4314	Monterey & Vineyard Foodmart & Carwash	Morgan Hill	Gasoline Dispensing Facilities
9/5/2012	A1629	Cardinal Cogen, Inc	Palo Alto	Hexavalent Chromium ATCM
9/10/2012	D1154	Capitol Toyota	San Jose	Gasoline Dispensing Facilities
9/10/2012	C3876	Chevron #9-5771	San Jose	Failure to Meet Permit Conditions
9/5/2012	V4813	ConocoPhillips #2611228	San Jose	No Authority to Construct; No Permit to Operate
7/10/2012	A3418	JDS Uniphase Corporation	San Jose	Parametric Monitoring & Recordkeeping Procedures; Failure to Meet Permit Conditions
7/10/2012	A2988	Lam Research Corporation	San Jose	Failure to Meet Permit Conditions
Solano County				
Status Date	Site #	Site Name	City	Regulation Title
7/18/2012	B7062	Bay Area Coffee Inc	Benicia	Failure to Meet Permit Conditions
8/6/2012	C9489	Gas City	Benicia	Failure to Meet Permit Conditions
9/17/2012	B2626	Valero Refining Company - California	Benicia	Storage of Organic Liquids; Major Facility Review (Title V); Standards of Performance for New Stationary Sources
7/3/2012	A5167	Sunpol Resins & Polymers, Inc	Fairfield	Public Nuisance; No Authority to Construct; Failure to Meet Permit Conditions; Valves & Flanges at Chemical Plants
7/3/2012	V3707	Suisun Resource Conservation District	Suisun City	Open Burning
Sonoma County				
Status Date	Site #	Site Name	City	Regulation Title
7/26/2012	A1641	Bodean Company Inc	Santa Rosa	Particulate Matter & Visible Emissions
7/19/2012	V3765	SFD	Santa Rosa	Open Burning
8/16/2012	V2091	Sonoma County Fair	Santa Rosa	Asbestos Demolition, Renovation & Mfg.
Out of Area Counties				
Status Date	Site #	Site Name	City	Regulation Title
9/17/2012	V5030	Three J's Distributing, Inc.	Clackamas	Commercial Vehicle Idling Citation
9/17/2012	V3989	R.C. Pacific Construction, Inc.	Roseville	Asbestos Demolition, Renovation & Mfg.
8/16/2012	N1032	KAG West, LLC	West Sacramento	Gasoline Bulk Terminals & Gasoline Delivery Vehicles

Closed Notice of Violations with Penalties by County

July 1, 2012 – September 30, 2012**Alameda**

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Alameda Valero	D0425	Alameda	\$5,500	1
Breakwater 76 Attn: Christina Jo	V5075	Hayward	\$1,000	1
Morton Salt, Inc	A0079	Newark	\$45,000	1
Sealand Corporation	V3708	Oakland	\$4,500	1

Total Violations Closed: 4**Contra Costa**

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Ameresco Keller Canyon LLC	B7667	Pittsburg	\$8,000	2
Bel Aire Displays	B8704	Richmond	\$250	1
City of Richmond	B5756	Richmond	\$500	1
Coast Gas and Smog	V4607	Walnut Creek	\$1,000	1
Coast Gasoline & Service	V3832	Walnut Creek	\$5,000	1
Keller Canyon Landfill Company	A4618	Pittsburg	\$6,000	2
Richmond Metal Painting	A3027	Richmond	\$1,000	1
State of California	B2076	Richmond	\$1,000	1
Unocal #2705704	V4180	Pittsburg	\$2,000	1

Total Violations Closed: 11**Marin**

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Mark Cheavacci Custom Cabinetry & Millwork	A2633	Novato	\$250	1

Total Violations Closed: 1

Napa

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Tolocay Cemetery Association	A5433	Napa	\$500	1

Total Violations Closed: 1

San Francisco

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Mission 76	C8313	San Francisco	\$1,000	1
Tamm Auto Service Corp	C8121	San Francisco	\$2,000	1

Total Violations Closed: 2

San Mateo

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Compass Transportation	V0383	South San Francisco	\$1,200	4
Granite Excavation and Demolition, Inc	V0916	South San Francisco	\$250	1

Total Violations Closed: 5

Santa Clara

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
AGM-Gilroy	V3857	Gilroy	\$1,500	1
Almaden Unocal #254831	V3732	San Jose	\$3,000	2
Chevron #96215	C7942	San Jose	\$11,720	1
JDS Uniphase Corporation	A3418	San Jose	\$31,900	1
Lucky Supermarkets #706	B5650	Cupertino	\$1,000	1
Senter Road Service Station, LP	V3225	San Jose	\$250	1
Stevens Creek Quarry Inc	B0394	Cupertino	\$12,000	4
Valero Refining Co SS#7263	V3733	San Jose	\$500	1
Valero Refining Co SS#7850	V2283	Santa Clara	\$1,500	2

Total Violations Closed: 14

Solano

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Gas City	V4364	Benicia	\$900	1
Valero Refining Company - California	B2626	Benicia	\$94,000	17

Total Violations Closed: 18

Sonoma

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Frank DeMichele	V2555	Sonoma	\$500	1
JDSU - Flex Products Inc	A5223	Santa Rosa	\$500	1
Olive Tree Farm	T6981	Sonoma	\$1,500	1
Pleasant Hill Cemetery	A4863	Sebastopol	\$500	1
Robert Carey	U8007	Sonoma	\$300	1
Twin Hill Ranch	U6484	Sebastopol	\$750	1

Total Violations Closed: 6

District Wide

Site Name	Site Occurrence #	City	Penalty Amount	# of Violations Closed
Terry Johnson Trucking, Inc.	V1113	Coalinga	\$300	1
Cascade Express Inc.	V2510	Antelope	\$300	1
KAG West, LLC	A4020	West Sacramento	\$6,000	1

Total Violations Closed: 3

LIST OF ACRONYMS

AA	Annual Average
AAMP	Ambient Air Monitoring Program
AB32	Assembly Bill 32 – Global Warming Solutions Act
Al	Aluminium
Al ₂ O ₃	Alumina (Aluminium Oxide)
AlF ₃	Aluminium Fluoride
AIRS	Aeromatic Information Retrieval System
AIRMoN	Atmospheric Integrated Research Monitoring Network
ALAPCO	Association of Local Air Pollution Control Officials
Aluminium Plant	Carbon Plant, Reduction Plant, Casthouse, Anode Service Area, and related utilities
Air District	Bay Area Air Quality Management District
AMTAC	ARB Air Monitoring Technical Advisory Committee
AMTIC	Air Monitoring Technology Information Center
ANPR	Advanced Notice of Proposed Rulemaking
APCD	Air Pollution Control District
APCO	Air Pollution Control Officer
APTI	Air Pollution Technology Institute
ARB	California Air Resources Board
ARM	Area Recognized Method
AQI	Air Quality Index
AQIS	Air Quality Instrument Specialist
AQS	EPA's Air Quality (data) System
AQRS	Air Quality Research Subcommittee
AQTA	Air Quality Technical Assistant
ARM	Approved Regional Method
ASA	Anode Service Area
ASP	Anode Service Plant
ASTCM	Astrodynamics Common
ASTM	American Society for Testing and Materials
AWMA	Air and Waste Management Association
BAAQMD	Bay Area Air Quality Management District
BAM	Beta Attenuation Monitor
BAM	Beta-Attenuation Metre
BAT(NEEC)	Best Available Techniques (Not Entailing Excessive Cost)
BC	Black carbon
BC	Background Concentration
BCP	Best Current Practice
BGI	BGI, Incorporated
BPT	Best Practicable Technology
BRC	Background Reference Concentration
bgl	Below ground level
BOD	Biochemical Oxygen Demand
BPEO	Best Practicable Environmental Option
BREF note	Best Available Techniques Reference Document
btc	Below top of casing
BTEX	Benzene, Toluene, Ethylbenzene and Xylene

°C	Degrees Celsius
C	Carbon
CaO	Lime (calcium oxide)
CAA	(Federal) Clean Air Act
CAC	Correlating Acceptable Continuous (monitor)
CAIR	Clean Air Interstate Rule
CAP	Clean Air Plan
CARB	California Air Resources Board
CARE	Community Air Risk Evaluation
CASAC	Clean Air Science Advisory Committee
CAS	Chemical Abstracts Service (a chemical reference number)
CASTNET	Clean Air Status and Trends Network
CBSA	Core Based Statistical Area
CCC	Criteria Continuous Concentration
CCP	Carbon Crushing Plant
Cd	Cadmium
CD	Chart Datum
CDM	Clean Development Mechanism
CEM	Continuous Emissions Monitoring
CENR	Committee for Environment and Natural Resources
CEQA	California Environmental Quality Act
CEU	Continuing Education Unit
CFR	U.S. Code of Federal Regulations
CH ₄	Methane
Cl	Chloride(s)
CI	Confidence Interval
CMAQ	Community Model Air Quality (system)
CMC	Criteria Maximum Concentration
CN	Cyanide
CO	Carbon monoxide
CO ₂	Carbon Dioxide
CoC	Chain of custody
COD	Chemical Oxygen Demand
COH	Coefficient of Haze
Cr(VI)	Chromium (hexavalent)
CREL	Chronic Reference Exposure Level
CRPAQS	Central Valley (California) Regional Particulate Air Quality Study
CRRP	Community Risk Reduction Program
CSN	Chemical Speciation Network
CSR	Corporate Social Responsibility
CV	Coefficient of variation
CWMP	Construction Waste Management Plan
CY	Calendar Year
Cu	Copper
DAS	Data Acquisition System
dB(A)	'A' weighted decibel noise level
dB _L Aeq	'A' weighted energy-equivalent decibel noise level
DC	Direct Current
DEARS	Detroit Exposure and Aerosol Research Study
DHS	Department of Homeland Security

District	Bay Area Air Quality Management District
DIV	Dutch Intervention Values
DMC	Data Management Center
DMS	Data management system
DNPB	2, 4-dinitrophenyl hydrazine
DO	Dissolved Oxygen
DOE	Department of Energy
DOI	Department of Interior
DQA	Data Quality Assessment
DQI	Data Quality Indicators
DQO	Data Quality Objectives
DRI	Direct Reduction Iron
DTV	Dutch Target Values
DVM	Digital Voltmeter
EC	European Commission
EC/OC	Elemental carbon/organic carbon
EECS	Electrical Equipment Calibration Service (in Fremont, CA)
EI	Extrusion Ingots
EIA	Environmental Impact Assessment
EML	Environmental Measurements Laboratory
EMP	Environmental Management Plan
EPA	U.S. Environmental Protection Agency
EPC	Engineering, Procurement and Construction
EPS	Environmental Protection Standards
EQS	Environmental Quality Standard
ESAT	Environmental Services Assistance Team
ET	Enviro Technology
EU	European Union
F-	Fluoride(s)
FA	Foundry Alloy
FEM	Federal Equivalent Method
FLM	Federal Land Manager
FMP	Flare Minimization Plan
FRM	Federal Reference Method
FTP	Fume Treatment Plant
FY	Fiscal Year
g/s	Grams per second
GAO	General Accounting Office
GC	Gas Chromatograph
GC-MS	Gas Chromatography-Mass Spectrometry
GDP	Gross Domestic Product
GHG(s)	Greenhouse Gas(es)
GIS	Geographical Information System
GLM	Ground Level Monitoring
GMW	General Metal Works (PM ₁₀ sampler manufacturer)
GPS	Global Positioning System
GWP	Global Warming Potential
H ₂ S	Hydrogen sulfide
HAL 275	Norsk Hydro Reduction Technology
HAP	Hazardous Air Pollutants

HAZID	Hazard Identification
HC	Hydrocarbon
HCl	Hydrogen chloride
HEI	Health Effects Institute
HF	Hydrogen fluoride
HPLC	High Performance Liquid Chromatograph
HSE	Health, Safety and Environment
HTM	Heating Transfer Medium
Hydro	Norsk Hydro ASA
IACET	International Association for Continuing Education and Training
IADN	Interagency Deposition Network
IC	Ion Chromatography
ICR	Information Collection Request
IEA	Initial Environmental Authorization
IFC	International Finance Corporation
ILSC	Indicative Levels of Serious Contamination
IMPROVE	Interagency Monitoring of Protected Visual Environments
IPP	Independent Power Producer
ISQG	Interim Sediment Quality Standard
ISR	Indirect Source Rule
ITEP	Institute of Tribal Environmental Professionals
ITT	Information Transfer Technology
JV	Joint Venture
K	Kelvin
K	Thousand
km	kilometer
kV	Kilovolt
kt/yr	Thousands of tons per year
kPa	Thousand Pascal
l	Litre
LC-50	Lethal Concentration of a chemical which kills 50% of a sample population
L_{eq}	Unweighted energy-equivalent noise level
LCS	Laboratory Control Sample
LLD	Lower Limit of Detection
LNB	Low NOx Burner
LOD	Limit of Detection
LOQ	Limit of Quantitation
lpm	Liters per minute
l/s	Litres per second
L_{WA}	'A' weighted sound power level
M	Million
m	Metre
m/s	Metres per second
m^3/s	Cubic metres per second
MAC	Maximum Allowable Concentration
MANE-VU	Mid-Atlantic/Northeast Visibility Union
MDL	Method Detection Limit
MDN	Mercury Deposition Network
MEI	Ministry of Energy and Industry

MET/PE	Meteorology and Performance Evaluation
mg/kg	Milligrams per kilogram
mg/l	Milligrams per litre
mg/m ³	Milligrams per cubic metre
mg/Nm ³	Milligrams per normal cubic metre (i.e. expressed at 273K and 101.3 kPa); in the case of gas turbines, gas volumes in units on “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .
MHWTC	Mesaieed Hazardous Waste Treatment Centre
MIC	Mesaieed Industrial City
ml	Millilitre
MMAA	Ministry of Municipal Affairs and Agriculture
MMWDS	Mesaieed Municipal Waste Disposal Site
MPA	Maximum Permissible Addition
MPC	Maximum Permissible Concentration
MQA	Meteorology and Quality Assurance
MS	Matrix spikes
MSm ³	Million standard cubic metres
MW	Megawatts
MWe	Megawatts electrical (electrical output)
MWth	Megawatts thermal (thermal input)
N	Nitrogen
NAAQS	National Ambient Air Quality Standard
Na	Sodium
NAAMS	National Ambient Air Monitoring System
NAATS	National Ambient Air Toxics Sites
NACAA	National Association of Clean Air Agencies
NADP	National Atmospheric Deposition Program
NAMS	National Air Monitoring Station
Na ₃ AlF ₆	Cryolite
NaCl	Sodium chloride (salt)
NAPAP	National Acid Precipitation Assessment Program
NARSTO	North American Research Strategy for Tropospheric Ozone
NAS	National Academy of Science
NASA	National Aeronautics and Space Agency
NATTS	National Ambient Toxic Tends Stations
NAU	Northern Arizona University
NCore	The National Core Monitoring Network
NDIR	non-dispersive infrared
NDUV	Non-dispersive ultraviolet
NEC	No Effect Concentration
NESHAPS	National Emission Standards for Hazardous Air Pollutants
NGO	Non-Governmental Organizations
Ni	Nickel
NILU	Norwegian Institute for Air Research
NIST	National Institute for Standards and Technology
Nm ³	Normal cubic metre (i.e. expressed at 237K and 101.3 kPa); in the case of gas turbines, gas volumes in units of “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .

Nm ³ /s	Normal cubic metre per second (i.e. expressed at 237K and 101.3 kPa); in the case of gas turbines, gas volumes in units of “Nm ³ ” are also expressed as dry gas, at 15% O ₂ .
NMHC	Non-Methane Hydrocarbons
NMSC	National Monitoring Strategy (or Steering) Committee
NMVOC	Non-Methane Volatile Organic Compounds
N ₂ O	Nitrous Oxide
NO _y	Odd Nitrogen
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Standards and Technology
NO	Nitrogen monoxide/Nitric oxide
NO ₂	Nitrogen dioxide
NO _x	Oxides of nitrogen
NOAA	National Oceanic and Atmospheric Administration
NMHC	Non-methane hydrocarbon
NMOC	Non-methane organic carbon
NO _x /NO _y	Nitrogen Oxides
NPAP	EPA National Performance Audit Program
NPEP	National Performance Evaluation Program
NPS	National Parks Service
NTN	National Trends Network
NTU	Nephelometric Turbidity Units
NVLAP	National Voluntary Laboratory Accreditation Program
O ₂	Oxygen
O ₃	Ozone
OAP	Office of Atmospheric Programs
OAQPS	Office of Air Quality Planning and Standards
OAR	Office of Air and Radiation
OC	Organic Carbon
OC/EC	Organic carbon/elemental carbon
ODAMN	Operations Data Action Monitoring Notification
OEHHA	Office of Environmental Health Hazard Assessment
OEI	Office of Environmental Information
ORD	Office of Research and Development
ORIA	Office of Radiation and Indoor Air
P	Phosphorous
P	Power
PAHs	Polycyclic Aromatic Hydrocarbons
PAMS	Photochemical Assessment Monitoring Stations
Pb	Lead
PBMS	Performance-Based Measurement System
PBT	Persistent Bioaccumulative Toxics
PCBs	Polychlorinated Byphenyls
PCC	Petrochemical Complex
PE	Performance Evaluation
PEP	Performance Evaluation Program
PEL	Probable Effect Level
PFC	Polyfluorocarbons
PM	Particulate matter
PM ₁₀	Particulate matter with mean aerodynamic diameter of 10 microns

PM _{2.5}	Particulate matter with mean aerodynamic diameter of 2.5 microns
PM _{10-2.5}	PM ₁₀ minus PM _{2.5}
PO	Purchase Order
POCP	Photochemical Ozone Creation Potential
POP	Persistent Organic pollutants
ppb	Parts per billion
PPAH	Pollution Prevention and Abatement Handbook
ppb (v)(w)	Parts per billion (volume) (weight)
ppm (v) (w)	Parts per million (volume) (weight)
ppt (v) (w)	Parts per thousand (volume) (weight)
PQAO	Primary Quality Assurance Organization
PSD	Prevention of significant deterioration
QA	Quality Assessment
QAFAC	Qatar Additives Company
QAFCO	Qatar Fertiliser Company
QASCO	Qatar Steel Company Ltd
Qatum	The Hydro/QP Aluminium and Power Plant Project
QAPP	Quality Assurance Project/Program Plan
QC	Quality Control
QEW	Qatar Electricity and Water Company
QMP	Quality Management Plan
QNHD	Qatar National Height Datum (QNHD is ~1.3 m above Chart Datum)
QP	Qatar Petroleum
RADM	Regional Acid Deposition Model
RCEP	Royal Commission on Environmental Pollution
REL	Reference Exposure Level
REM	Regional Equivalent Monitor
RO	EPA Regional Office
ROG	Reactive Organic Gases
ROM	Regional Oxidant Model
ROPME	Regional Organisation for Protection of the Marine Environment
RPO	Regional Planning Organization
RTD	Resistance Temperature Detector
RTP	Research Triangle Park (North Carolina)
RTI	Research Triangle Institute, a research/consulting company
RTO	Regenerative Thermal Oxidiser
S	Sulphur
S&T	Science and Technology
SAB	Science Advisory Board
SAMWG	Standing Air Monitoring Work Group
SAP	Socio-Economic Action Plan
SASP	Surface Air Sampling Program
SARC	Scientific and Applied Research Centre
SB 375	Sustainable Communities and Climate Protection Act of 2008
SCAQMD	South Coast Air Quality Management District
SCENR/SCE	Supreme Council for the Environment & Natural Reserves
SIP	State Implementation Plan
SLAMS	State or Local Air Monitoring Station
SLTs	State, Local, and Tribal air monitoring agencies
SO ₂	Sulfur dioxide

SOP	Standard operating procedure
SPL	Spent Potlining
SPM	Special Purpose Monitor
SRP	Standard Reference Photometer
SS	Supersite
SSEIA	Scoping Study for Environmental Impact Assessment Report
STAG	State and Tribal Air Grant
STAPPA	State and Territorial Air Pollution Program Administrators
STN	Speciation Trends Network
Strategy	The National Air Monitoring Strategy
SVOC	Semi-Volatile Organic Compound
SWS	Seawater Scrubber
t/d	Tonnes per day
t/h	Tonnes per hour
t/yr	Tonnes per year
TAMS	Tribal Air Monitoring Support (Center)
TAD	Technical Assistance Document
TAR	Tribal Authority Rule
TBD	To Be Determined
TECO	Thermo Electron Corporation, now Thermo Fisher Scientific
TEOM	Tapered Element Oscillation Monitor
THC	Total hydrocarbons
TIP	Tribal Implementation Plan
TNMHC	Total non-methane hydrocarbons
TNMOC	Total non-methane Organic Compound
TOC	Total Organic Carbon
TOM	Total Organic Matter
Tpd	Tons per day
TPH	Total Petroleum Hydrocarbons
TPY	Tons Per Year
TSA	Technical systems audits
TSD	Technical Services Division
TSP	Total suspended particulates
TSS	Total Suspended Solids
T-REX	Traffic Related Exposure Study
TWA	Time Weighted Average
UAM	Urban Airshed Model
UN	United Nations
UNEP	UN Environmental Program
USB	Universal Serial Bus
US EPA	United States Environmental Protection Agency
UV	Ultraviolet
VDC	Vertical Direct Chill (Casting Machines)
VOC	Volatile Organic Compounds
WB	World Bank
WBT	Wet Bulb Temperature
WB PPAH	WB Pollution Prevention and Abatement Handbook
WHO	World Health Organization
WMP	Waste Management Plan
XML	Extensible Markup Language

ΔT	Temperature differential
$\mu\text{g/l}$	Microgrammes per litre
$\mu\text{g/m}^3$	Micrograms (one millionth of a gram) per cubic metre
μm	Micrometers
$\mu\text{M/l}$	Micromoles per litre

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 5, 2012

Re: Report of the Nominating Committee Meeting of November 7, 2012

RECOMMENDED ACTION

The Committee recommends Board of Directors' approval of the following Board members for Board Officers:

- Chairperson;
- Vice Chairperson; and
- Secretary

BACKGROUND

The Nominating Committee met on Wednesday, November 7, 2012. The Committee considered the 2013 Board Officers for the 2013 Term of Office.

Attached is the staff report presented in the Nominating Committee packet.

Chairperson Gioia will give an oral report of the meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACT

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sean Gallagher

Reviewed by: Ana Sandoval

Attachment

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Nominating Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 24, 2012

Re: Consideration and Nomination of Board Officers for the 2013 Term of Office

RECOMMENDED ACTION:

Consider recommending Board of Directors' approval of Board Officers for:

- Chairperson
- Vice Chairperson
- Secretary

DISCUSSION

Air District Counsel, Brian Bunger has provided a memorandum addressed to Chairperson Gioia that is attached for discussion. The memorandum includes pertinent provisions from the Air District's Administrative Code and the Board of Directors' Operating Policies and Procedures. The memorandum also discusses the role of the Nominating Committee.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Vanessa Johnson
Reviewed by: Ana Sandoval

Attachment(s)

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

OFFICE OF DISTRICT COUNSEL

MEMORANDUM

DATE: October 24, 2012

TO: John Gioia, Chairperson
and Members of the Nominating Committee of the Board of Directors

FROM: Brian C. Bunger
District Counsel

SUBJECT: Criteria for Recommendation of Officers of the Board of Directors

The function of the Nominating Committee is “to recommend to the Board the officers for each calendar year.” Bay Area Air Quality Management District Administrative Code (“Admin. Code”), Division I, Section 6.8. In order to assist with this function, this Memorandum discusses the criteria to be applied by the Nominating Committee in making its recommendations for officers to the Board.

The Administrative Code contains certain criteria that the Nominating Committee must follow in making its recommendation for officers of the Board.

First, “the Committee shall not be bound by a recommendation of a previous Nominating Committee.” Admin. Code, Div. I, § 6.8.

Second, “[t]he Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors.” Admin Code, Div. I, § 6.8.

Third, Section 6.8 further requires that “the Committee shall take into account the provisions of Section I-2.7.” Admin. Code, Div. I, § 6.8.

Section 2.7 of Division I of the Administrative Code sets forth a policy of the Board to rotate the positions of the Chairperson, Vice Chairperson and Board Secretary among the members of the Board “in a manner to assure participation in the affairs of the District from a wide representation of the membership.” Admin. Code, Div. I § 2.7. In this regard, Section 2.7 provides that “[I]n making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.” Admin. Code, Div. I § 2.7.

Thus, the Board has expressed a policy of rotating officer positions in order to ensure broad participation by all Board members in the affairs of the District. However, the Nominating Committee is not required to follow a strict rule of rotation between supervisor and city members. Nor is the Committee to be bound by the actions of any prior Nominating Committee. Finally, the Nominating Committee must take into account such factors as representation of supervisor and city members on the Board and the representation of members from large and small counties.

For your convenience, attached are copies of the pertinent sections of the District's Administrative Code.

ADMINISTRATIVE CODE – SELECTED PROVISIONS**SECTION 2 BOARD OF DIRECTORS, OFFICERS - DUTIES****2.1 OFFICERS OF THE BOARD. (Revised 1/21/04)**

The presiding officer of the Board is the Chairperson of the Board of Directors. The Chairperson, Vice Chairperson and Secretary shall, no later than the first meeting in December of each year, be elected by the Board of Directors and assume office January 1, (effective January 1, 2005). The Chairperson shall preserve order and decorum at regular and special meetings of the Board. The Chairperson shall state each question, shall announce the decision, shall decide all questions of order subject to an appeal to the Board. The Chairperson shall vote on all questions, last in order of the roll, and shall sign all ordinances and resolutions adopted by the District Board while the Chairperson presides. (see Section II-4.3)

In the event that the Chairperson is unable, for whatever reason, to fulfill his or her one-year term of office, the Vice-Chairperson shall succeed the Chairperson and the Secretary shall succeed the Vice-Chairperson. Section 2.3 below shall determine the filling of the Secretary vacancy. In any event, no Board Officer shall serve more than three (3) years in any one Board office (Chairperson, Vice-Chairperson, or Secretary).

2.2 CHAIRPERSON. (Revised 1/14/09)

The Chairperson shall take the chair at the hour appointed for the meeting and call the District Board to order. In the absence of the Chairperson, the Vice-Chairperson shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson, the Vice-Chairperson shall relinquish the chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, or the Vice-Chairperson when the Chairperson is absent, the Board Secretary shall call the Board to order and serve as temporary Chairperson. Upon arrival of the Chairperson or Vice-Chairperson, the Secretary shall relinquish the Chair upon the conclusion of the business then pending before the Board. In the absence, or self-determined inability to act, of the Chairperson, Vice Chairperson or Secretary, members of the Board of Directors shall, by an order on the Minutes, select one of their members to act as temporary Chairperson. Upon the arrival or resumption of ability to act, the Chairperson or Vice-Chairperson shall resume the Chair, upon the conclusion of the business then pending before the Board. It shall be the duty of the Chairperson to attend all meetings of the Bay Area Air Quality Management District Advisory Council.

2.3 VICE CHAIRPERSON.

If, for any reason, the Chairperson ceases to be a member of the Board, the Vice-Chairperson shall automatically assume the office of Chairperson and the Board Secretary shall automatically assume the office of Vice-Chairperson. If, for any reason, the Vice-Chairperson ceases to be a member of the Board, the Board Secretary shall automatically assume the office of Vice-Chairperson. In either eventuality, the Board Nominating Committee shall, upon the request of the Chairperson, make a recommendation at the Board meeting following such request to fill the office of Board Secretary. An election will then immediately be held for that purpose.

2.4 BOARD SECRETARY.

The Board Secretary shall be official custodian of the Seal of the District and of the official records of the District and shall perform such secretarial duties as may require execution by the Board of Directors. The Board Secretary may delegate any of these duties to the APCO, or to the Clerk of the Boards.

2.5 MEETING ROLL CALL.

Before proceeding with the business of the Board, the Clerk of the Boards shall call the roll of the members, and the names of those present shall be entered in the Minutes. The names of members who arrive after the initial roll call shall be noted in the Minutes at that stage of the Minutes.

2.6 QUORUM.

A majority of the members of the Board constitutes a quorum for the transaction of business, and may act for the Board.

2.7 OFFICER ROTATION.

It is intended that the positions of Chairperson, Vice Chairperson, and Board Secretary be rotated among the members in a manner to assure participation in the affairs of the District from a wide representation of the membership. In making its recommendations, the Nominating Committee shall take into account such factors as representation by those members appointed by Boards of Supervisors, those members appointed by City selection committees, those members from large counties, and those from small counties.

SECTION 6 BOARD OF DIRECTORS, COMMITTEES

6.8 NOMINATING COMMITTEE. (Revised 10/4/95)

The Nominating Committee will consist of the Chairperson of the Board, the past Chairperson of the Board and three (3) appointees of the Chairperson of the Board, or in the event the past Chairperson of the Board is no longer serving on the Board, four (4) appointees of the Chairperson of the Board. The Nominating Committee shall be appointed no later than the second Board Meeting in November of each year and shall serve until the appointment of a new Committee. It is the function of the Nominating Committee to recommend to the Board the officers for each calendar year. In making its recommendation, the Committee shall not be bound by a recommendation of a previous Nominating Committee. The Committee need not follow a strict rule of rotation between supervisor and city members but may take into account their proportionate membership on the Board of Directors. Additionally, the Committee shall take into account the provisions of Section I-2.7.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 5, 2012

Re: Report of the Personnel Committee Meeting of November 8, 2012

RECOMMENDED ACTION

The Personnel Committee recommends Board of Directors approval of:

- A) Reappointment of incumbent Advisory Council members Sam L. Altshuler, P.E. (Professional Engineer), Jennifer Bard (Conservation Organization), Benjamin Bolles (General Contractor), Robert Bornstein, Ph.D. (Colleges & Universities), Stan Hayes, Chair (General Public), John W. Holtzclaw, Ph.D. (Conservation Organization), Liza Lutzker, M.P.H. (Public Health Agency), Rick Marshall, P.E., P.L.S. (Transportation), Kathryn Lyddan (Agriculture); and
- B) Appointment of Heather Forshey (Public Health Agency) and Timothy O'Connor (Conservation Organization) to the Air District's Advisory Council.

BACKGROUND

The Personnel Committee met on November 8, 2012. The Committee received and considered the report and recommendation, Conduct Interviews and Consider Recommending Board of Directors Approval of Incumbent Reappointments and Candidates for Appointment to the Air District's Advisory Council.

Attached is the staff report presented in the Personnel Committee packet for the November 8, 2012, meeting.

Chairperson Brad Wagenknecht will provide an oral report of the meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACTS:

None.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Sean Gallagher
Reviewed by: Ana Sandoval

Attachment

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Brad Wagenknecht and Members
of the Personnel Committee

From: Jack P. Broadbent
Executive Officer/APCO

Date: October 22, 2012

Re: Conduct Interviews and Consider Recommending Board of Directors Approval of
Incumbent Reappointments and Candidates for Appointment to the Air District's
Advisory Council

RECOMMENDED ACTION

Conduct interviews of applicants for the Advisory Council and consider recommending Board of Directors approval of incumbent reappointments and candidates for appointment to the Air District's Advisory Council.

BACKGROUND

Pursuant to Section 40261 of the California Health and Safety Code the Air District is required to maintain an Advisory Council consisting of 20 members. Further, section 40262 requires that the member categories consist of at least three representatives of public health agencies; at least four representatives of private organizations active in conservation or protection of the environment within the bay district; at least one representative of colleges or universities in the state; and at least one representative of each of the following groups within the bay district: regional park district, park and recreation commissions or equivalent agencies of any city, public mass transportation system, agriculture, industry, community planning, transportation, registered professional engineers, general contractors, architects, and organized labor. To the extent that suitable persons cannot be found for each of the specified categories, council members may be appointed from the general public. Advisory Council members serve a term of two years.

A roster of current members is attached for your reference.

DISCUSSION

The terms of office for eleven members in the following categories will expire on December 31, 2012: Engineering (1), conservation organization (2), transportation (1), general contractor (1), colleges and universities (1), public member (1), public health (3), and agriculture (1). Nine incumbent members reapplied for their respective categories. These incumbents have demonstrated excellent attendance and participation at Advisory Council meetings. As such, Air District staff recommends the Personnel Committee recommend their reappointment.

The nine incumbents are:

Sam L. Altshuler, P.E. (Professional Engineer)
Jennifer Bard (Conservation Organization)
Benjamin Bolles (General Contractor)
Robert Bornstein, Ph.D. (Colleges & Universities)
Stan Hayes, Chair (General Public)
John W. Holtzclaw, Ph.D. (Conservation Organization)
Liza Lutzker, M.P.H. (Public Health Agency)
Rick Marshall, P.E., P.L.S. (Transportation)
Kathryn Lyddan (Agriculture)

Staff initiated a recruitment effort to fill the remaining two vacancies. After extensive recruitment and outreach efforts, staff received a total of 14 applications for the two vacancies in the Public Health and Conservation Organization categories.

The Human Resources Office and the Executive Office have assessed the candidates' experience and education relative to the position(s) for which the candidates applied and have selected candidates with the most relevant qualifications to interview with the Personnel Committee.

Interviews of the candidates will occur during the Personnel Committee meeting. The length of each interview will be approximately fifteen minutes. Application materials of the candidates will be provided to Committee members under separate cover.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Judy Yu
Reviewed by: Jack M. Colbourn

Attachment: October 2012 Advisory Council Roster

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 19, 2012

Re: Update on Chevron Richmond Refinery Rebuild of Crude Unit #4

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On August 6, 2012, a fire resulted from a hydrocarbon leak at a crude oil processing unit at the Chevron Richmond Refinery. A large plume of black smoke was observed at the unit and at a nearby flare. The Contra Costa County Health Department issued a community warning and ordered a shelter-in-place that lasted for approximately five hours in Richmond, San Pablo and North Richmond. In the weeks following the incident, thousands of residents sought medical treatment at nearby hospitals with most reportedly complaining of respiratory and eye discomfort.

The August 6, 2012 incident has prompted the Air District staff and Board of Directors to pursue a series of follow-up actions intended both to improve the Air District's response to accidental releases and to provide additional incentives for petroleum refineries and other large industrial facilities to take proactive measures to avoid such accidents.

Air District staff has been monitoring and evaluating the reconstruction plans for the damaged Crude Unit #4 and will continue to investigate this incident along with other investigating agencies.

DISCUSSION

Air District staff will provide an update on the Air District's work at the Chevron facility since the August 6, 2012 fire. The discussion will include information on Air District staff visits to the facility and an overview of reconstruction plans for the damaged unit. Chevron Richmond Refinery and City of Richmond staff will be invited to provide additional information.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jim Karas/Wayne Kino
Reviewed by: Jeff McKay/Jean Roggenkamp

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson John Gioia and Members
of the Board of Directors

From: Jack P. Broadbent
Executive Officer/APCO

Date: November 9, 2012

Re: Status Report on Implementation of Work Plan for Action Items Related to
Accidental Releases from Industrial Facilities

RECOMMENDED ACTION

None; receive and file.

BACKGROUND

On August 6, 2012, a substantial fire resulted from a hydrocarbon leak at the Crude Unit #4 at the Chevron Richmond Refinery. The fire resulted in a large plume of black smoke at the Crude Unit and continuous visible emissions from a nearby flare. The Contra Costa County Health Department issued a community warning and ordered a shelter-in-place that lasted for approximately five hours in Richmond, San Pablo and North Richmond.

At the September 10, 2012 Special Meeting of the Board of Directors, Air District staff provided a summary of the Air District's response to the August 6, 2012 Chevron Richmond Refinery incident. Staff from Contra Costa County and the U.S. Chemical Safety Board also provided summaries of their agency's response to the incident.

At the October 17, 2012 meeting of the Board of Directors, the Board approved staff's *Work Plan for Action Items Related to Accidental Releases from Industrial Facilities* (Work Plan) that included seven key actions:

1. Continue the investigation of the Chevron Richmond Refinery incident, in coordination with other agencies involved, into violations of applicable air quality requirements in order to take appropriate enforcement action;
2. Review and update the Air District's incident response procedures;
3. Evaluate enhancements to the Air District's air quality monitoring capabilities, including convening experts to provide input on monitoring options;
4. Expedite development of a rule that would track air emissions at refineries over time, require mitigation of any significant increases in emissions that may occur, and require additional community air monitoring at refineries;

5. Evaluate enhancements to community outreach during and after incidents to provide additional services to the public;
6. Sponsor legislation that would provide the Air District with the authority to collect more substantial penalties that would provide industry with additional incentives to take proactive measures to avoid accidental releases; and
7. Evaluate the Air District's needed incident response resources, and develop amendments to the Air District's fee regulation to recover the costs of these resources.

DISCUSSION

At the November 19, 2012 Special Board of Directors meeting, Air District staff will provide the Board with an update on implementation of the Work Plan.

BUDGET CONSIDERATION/FINANCIAL IMPACT

Air District staff is developing amendments to Regulation 3: Fees to recover costs associated with the Work Plan.

Respectfully submitted,

Jack P. Broadbent
Executive Officer/APCO

Prepared by: Jean Roggenkamp