



BAY AREA  
AIR QUALITY  
MANAGEMENT  
DISTRICT

## BOARD OF DIRECTORS' REGULAR MEETING

July 16, 2003

A meeting of the Bay Area Air Quality Management District Board of Directors will be held at 9:45 a.m. in the 7<sup>th</sup> 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.

# BOARD OF DIRECTORS' REGULAR MEETING A G E N D A

WEDNESDAY  
JULY 16, 2003  
9:45 A.M.

BOARD ROOM  
7TH FLOOR

## CALL TO ORDER

Opening Comments  
Roll Call  
Pledge of Allegiance  
Commendations/Proclamations

Scott Haggerty, Chairperson  
Clerk of the Boards

### *Clean Air Champions Awards 2003*

## PUBLIC COMMENT PERIOD

**Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3**  
*Members of the public are afforded the opportunity to speak on any agenda item. All agendas for regular meetings are posted at District headquarters, 939 Ellis Street, San Francisco, CA, at least 72 hours in advance of a regular meeting. At the beginning of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Board's subject matter jurisdiction. Speakers will be limited to three (3) minutes each.*

## CONSENT CALENDAR (ITEMS 1 – 6)

Staff/Phone (415) 749-

1. Minutes of July 2, 2003  
M. Romaidis/4965  
[mromaidis@baaqmd.gov](mailto:mromaidis@baaqmd.gov)
2. Communications  
*Information only*  
W. Norton/5052  
[exec@baaqmd.gov](mailto:exec@baaqmd.gov)
3. Report of the Advisory Council  
B. Hanna/4962  
[bchanna@napanet.net](mailto:bchanna@napanet.net)
4. Monthly Activity Reports  
*Division Activities for the month of June, 2003*  
P. Hess/4971  
[phess@baaqmd.gov](mailto:phess@baaqmd.gov)
5. Quarterly Report of the Clerk of the Boards  
W. Norton/5052  
[exec@baaqmd.gov](mailto:exec@baaqmd.gov)
6. Quarterly Report of Air Resources Board Member Honorable Mark deSaulnier  
W. Norton/5052  
[exec@baaqmd.gov](mailto:exec@baaqmd.gov)

## **COMMITTEE REPORTS AND RECOMMENDATIONS**

7. Report of the **Mobile Source Committee** Meeting of July 10, 2003

CHAIR: S. YOUNG

W. Norton/5052  
[exec@baaqmd.gov](mailto:exec@baaqmd.gov)

*Action(s): The Committee recommends approval of FY 2003/2004 TFCA County Program Manager projects.*

## **PRESENTATION**

8. *Clēaire* Briefing on Advanced Emission Control Technologies

S. Young/5052  
[exec@baaqmd.gov](mailto:exec@baaqmd.gov)

*Kevin Shanahan, President and Brad Edgar, Vice President of Clēaire will provide the Board of Directors with a briefing on control technologies that reduce emissions from diesel engines to improve air quality.*

9. Presentation on Implementation of Smog Check II in the Bay Area

T. Lee/4905  
[tlee@baaqmd.gov](mailto:tlee@baaqmd.gov)

## **OTHER BUSINESS**

10. Report of the Executive Officer/APCO  
11. Chairperson's Report

## **CLOSED SESSION**

12. Conference with Legal Counsel

### **Existing Litigation:**

*Pursuant to Government Code Section 54956.9(a), a need exists to meet in closed session with legal counsel to consider the following cases:*

**Communities for a Better Environment and Transportation Defense and Education Fund v. Bay Area AOMD, Metropolitan Transportation Commission, Association of Bay Area Governments, and California Air Resources Board, San Francisco Superior Court, Case No. 323849**

## **OPEN SESSION**

13. 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)*

14. Place of Next Meeting - 9:45 a.m., Wednesday, September 3, 2003 -939 Ellis Street, San Francisco, CA 94109

15. Adjournment

WCN:mag

**CONTACT CLERK OF THE BOARD - 939 ELLIS STREET SF, CA 94109**

**(415) 749-4965**  
**FAX: (415) 928-8560**  
**BAAQMD homepage:**  
**[www.baaqmd.gov](http://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 Clerk's Office should be given at least 3 working days prior to the date of the meeting, so that arrangements can be made accordingly.

## COMMENDATION/PROCLAMATIONS

### BAY AREA AIR QUALITY MANAGEMENT DISTRICT InterOffice Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: Teresa Lee, Director  
Public Information and Outreach

Date: July 1, 2002

Re: Clean Air Champions Awards 2003 Presentation

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#### RECOMMENDED ACTION:

Acknowledge and present awards to the 2003 Clean Air Champions.

#### BACKGROUND

Since 1992, the Air District, along with the American Lung Association, RIDES for Bay Area Commuters, KCBS Radio 74, Alice 93.7, LIVE 105 and the U.S. EPA have co-sponsored the Clean Air Champions awards to honor Bay Area individuals and organizations for their exceptional efforts to clean up the air. This year, for the first time, seven champions will be honored.

#### DISCUSSION

The following are the names and backgrounds of the 2003 Clean Air Champions.

##### **John and Pauline Brandt**

With two jobs and a young child in daycare, the Brandts of Walnut Creek could drive alone to work in two separate cars. But they don't. In a personal effort to help keep the air clean from polluting car emissions, John and Pauline Brandt use a combination of carpooling, walking and public transportation each day to get their daughter to school and themselves to their jobs at ChevronTexaco in San Ramon.

The Brandts encourage others to follow their example by advising colleagues on how to use commute alternatives to driving alone and by participating in a local neighborhood association that advocates on transportation issues before the Board of Supervisors. By bucking the multi-car trend and making other environmentally-friendly lifestyle choices, the Brandts prove that simple, individual actions can and do make a difference.

##### **Lucy Gigli**

Lucy Gigli is the founder of *Bike Alameda*, an advocacy group created to inform residents about the benefits and joys of bicycling. Practicing what she preaches, Ms. Gigli brings her kids to school in a bike trailer and shops locally with a stroller. She walks, bikes or skates almost everywhere when traveling in the City of Alameda. An avid gardener, she uses non-polluting garden equipment. She also avoids using pesticides and other environmentally harmful consumer products. Ms. Gigli is admired for her clean air lifestyle and was nominated by a member of her community who is inspired by Lucy's choices.

## COMMENDATION/PROCLAMATIONS

### **Rev. Sally Grover Bingham**

The Rev. Sally Grover Bingham is currently working as the Environmental Minister at Grace Cathedral in San Francisco. She has been the chair of the Episcopal Diocesan Commission for the Environment for many years. Reverend Bingham has been active in the environmental community for twenty years and serves on the national board of the Environmental Defense Fund. She is the founder and Executive Director of *The Regeneration Project*, a nonprofit ministry, presently focusing on global climate change. This particular initiative is called "Episcopal Power and Light." The Episcopal model has developed into an interfaith one in several states in the US and Canada.

Reverend Bingham has brought widespread attention to the linkage between ecological issues and the Christian faith. She was appointed by Mayor Willie Brown to serve on the Commission on the Environment for the City and County of San Francisco. Reverend Bingham walks whenever possible, drives a hybrid vehicle and has led an active campaign to distribute compact fluorescent light bulbs as a means of improving air quality. She is a tireless advocate for alternative energy technology as a means of reducing use of polluting fossil fuels.

A cancer survivor, she brings her experience and passion to her ministry, connecting human health and the environment.

### **Walt Bilofsky**

For almost 30 years, Mr. Bilofsky has championed the cause of a smoke free environment. As a volunteer tobacco control advocate, he has promoted the enactment of more than 30 local smoking ordinances in Massachusetts and California. Mr. Bilofsky was an officer of GASP of Massachusetts in 1975-76, a director of California GASP from 1978 to 1984, and has been co-chair of the Smoke Free Marin County Coalition since 1992. He served on the steering committee of the 1980 California statewide "No Smoking Sections" ballot initiative. He's also been the director of *Americans for Nonsmokers Rights* since its founding in 1982, and served as its president for two years. Few people know as much as Walt about clean indoor air ordinances, how they work and how they should be enforced. As leader of the Marin coalition, he has educated dozens of local lawmakers about the importance of a smoke free environment in public buildings. It's no coincidence that this year Marin County received the Platinum Lung Award from the state American Lung Association for the highest compliance with clean indoor air laws in California.

### **James Paxson**

As General Manager of the Hacienda Business Park, James Paxson is one of the leading Bay Area advocates for choosing commute alternatives that impact cleaner air. This commitment extends beyond the boundaries of Hacienda's comprehensive commute alternatives program. Mr. Paxson takes a leadership role in a number of projects, community functions and committees designed to educate the public on ways to reduce traffic congestion and average vehicle ridership locally and regionally and, as a consequence, to reduce levels of harmful air pollutants associated with motor vehicles. Mr. Paxson has also been a strong and consistent supporter of the Air District's *Spare the Air* program.

### **Port of Oakland/Oakland Airport**

Since 1999 the Port of Oakland and Oakland Airport have adopted numerous clean air programs that have put this fast growing airport on the forefront of environmentally sustainable development. Among its many clean air programs, the airport has a compressed natural gas (CNG) station that serves both the community and the airport, 30 electric vehicles for use at the airport and seaport and

## COMMENDATION/PROCLAMATIONS

eight electric charging stations for airport and public use. The Port has adopted requirements for the use of alternative fuels by taxis, shuttles and ground service equipment that are stricter than those of any Northern California airport. In addition to airport programs, the Port of Oakland has an \$8.9 million mitigation program to reduce pollution from diesel engines at the Port.

### **Specialty Solid Waste and Recycling**

Specialty Solid Waste and Recycling is the City of Sunnyvale's franchised refuse and recycling hauler that is implementing the change from diesel to compressed natural gas (CNG) garbage trucks. The conversion is 95% complete. Implementing this change will prevent over 36 tons of toxic diesel emissions from being released into the air over the life of the garbage trucks.

Specialty Solid Waste and Recycling also has a 24-hour CNG refueling station open to the public. This station provides a vital link in the chain of CNG stations in northern California, making CNG a viable clean fuel alternative for commuters.

In making the transition to clean fuels to help our environment, Specialty Waste and Recyclers discovered that the drivers actually prefer the CNG trucks over the old diesels. Sunnyvale residents have commented that they enjoy having their neighborhoods serviced by the quieter, cleaner CNG refuse and recycling trucks.

### BUDGET CONSIDERATION/FINANCIAL IMPACT

Funding for this program is included in the current budget.

Respectfully submitted,

Teresa Lee, Director  
Public Information and Outreach

Prepared by: Luna Salaver

FORWARDED: \_\_\_\_\_

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: William C. Norton  
Executive Officer/APCO

Date: July 3, 2003

Re: Board of Directors' Meeting Minutes

RECOMMENDED ACTION:

Approve attached minutes of the Board of Directors meeting of July 2, 2003.

DISCUSSION

Attached for your review and approval are the minutes of the Board of Directors' meeting of July 2, 2003.

Respectfully submitted,

William C. Norton  
Executive Officer/APCO



BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
939 ELLIS STREET - SAN FRANCISCO, CALIFORNIA 94109

Draft Minutes: Board of Directors Regular Meeting – July 2, 2003

**Call To Order**

Opening Comments: Vice-Chairperson Townsend called the meeting to order at 9:56 a.m.

Swearing in of Board Member: Cupertino Council Member Patrick Kwok, representing Santa Clara County, was sworn in as a Board Member.

Roll Call: Present: Marland Townsend, Vice-Chair, Maria Ayerdi, Roberta Cooper, Chris Daly, Mark DeSaulnier, Jerry Hill, Liz Kniss (via teleconference at 10:23 a.m.), Patrick Kwok, Nate Miley, Jake McGoldrick, Julia Miller, Dena Mossar, Mark Ross, Pam Torliatt (10:02 a.m.), Gayle Uilkema, Brad Wagenknecht, Shelia Young.

Absent: Harold Brown, Scott Haggerty, John Silva, Tim Smith.

Pledge of Allegiance: Director Young led the Board in the Pledge of Allegiance.

Commendations/Proclamations: There were none.

**Public Comment Period:** There were none.

**Consent Calendar (Items 1 – 7)**

1. Minutes of June 18, 2003
2. Communications. Correspondence addressed to the Board of Directors
3. Report of the Advisory Council.
4. Notification of Execution of Purchase Orders in Excess of \$20,000

*Notification was given of the execution of a contract totaling \$34,850 for 114 billboards and 20 bus shelters for the second phase of the smoking vehicle program's advertising campaign to run mid-July to mid-August 2003.*

5. Authorize Executive Officer/APCO to execute grant agreement to receive funds from the California Air Resources Board (CARB) Fleet Zero Emission Vehicle Incentive Program (Fleet ZIP)

*Authorized Executive Officer/APCO to receive Fleet ZIP grant from the CARB for two Nissan Altra Electric Vehicles leased by the District.*

6. Approve Establishment of New Classification Entitled High School Intern

*The Board considered establishing a new classification entitled High School Intern.*

7. Approve Resolution Adjusting the District's Maximum Medical Contribution Declared to the California Public Employees' Retirement System (CalPERS) – *This Item was removed from the Consent Calendar at the request of Director Uilkema.*

**Board Action:** Director Cooper moved approval of Consent Calendar Items 1 through 6; seconded by Director Young; carried on the following roll call:

AYES: Ayerdi, Cooper, Daly, DeSaulnier, Hill, Kwok, McGoldrick, Miley, Miller, Mossar, Ross, Townsend, Uilkema, Wagenknecht, Young.

NOES: None.

ABSENT: H. Brown, Kniss, Silva, Smith, Torliatt, Haggerty.

7. Approve Resolution Adjusting the District's Maximum Medical Contribution Declared to the California Public Employees' Retirement System (CalPERS)

*The Board of Directors considered approval of resolution adjusting the District's maximum medical contribution declared to CalPERS for management, confidential, represented employees, and retirees.*

In response to a question from Director Uilkema, William C. Norton, Executive Officer/APCO, stated that the increase is about \$50, which would bring the maximum amount to \$673.95 per month. Mr. Norton noted this is in the Memorandum of Understanding (MOU) that was previously approved.

**Board Action:** Director Uilkema moved approval of Consent Calendar Item 7; seconded by Director Wagenknecht; carried on the following roll call:

AYES: Ayerdi, Cooper, Daly, DeSaulnier, Hill, Kwok, McGoldrick, Miley, Miller, Mossar, Ross, Torliatt, Townsend, Uilkema, Wagenknecht, Young.

NOES: None.

ABSENT: H. Brown, Kniss, Silva, Smith, Haggerty.

**Adopted Resolution No. 2003-05: A Resolution to fix the District's Contribution Under the Public Employees' Medical and Hospital Care Act**

**Committee Reports and Recommendations**

8. Report of the Stationary Source Committee Meeting of June 18, 2003

*Action: Referred to Board of Directors approval of Environmental Audit, Inc. as the contractor to conduct the California Environmental quality Act (CEQA) processes and prepare CEQA documents for the Air District's proposed plans and rules and authorize the Executive Officer/APCO to execute a contract not to exceed \$200,000 with Environmental Audit, Inc.*

Director Hill presented the report and stated that the Committee, lacking a quorum, referred its Agenda Item 4, Environmental Review of Plans and Rules-Contractor Selection, to the full Board without a recommendation.

Staff presented a status report on the development of Further Study Measure 11: Marine Loading Operations and reviewed:

- The background of the regulation
- Types of cargos.
- The inventory from September 2000 to August 2001.
- The District's process for developing a regulation on marine loading operations.
- Concepts.
- The next steps.

There was one speaker on this item.

Staff presented an overview of the Air District's Title V Operating Permit Program and noted there are 105 facilities within the District that are subject to Title V and there are 35 facilities with Synthetic Minor permits. Staff also reviewed:

- The NOx emissions from Title V facilities.
- The potential to emit.
- Title V program elements.
- Title V permit review time.
- Public participation.
- EPA review.
- Title V permit administrative record, maintenance, compliance, modification, reopening, and renewal.

The next meeting of the Committee is at the Call of the Chair.

**Board Action:** Director Hill moved the Board approve the report of the Stationary Source Committee; seconded by Director Miller; carried on the following roll call:

AYES: Ayerdi, Cooper, Daly, DeSaulnier, Hill, Kwok, McGoldrick, Miley, Miller, Mossar, Ross, Torliatt, Townsend, Uilkema, Wagenknecht, Young.

NOES: None.

ABSENT: H. Brown, Kniss, Silva, Smith, Haggerty.

**Public Hearing**

9. Final Public Hearing to Adopt Amendments to Schedule L: Asbestos Operations and Schedule Q: Excavation of Contaminated Soil and Removal of Underground Storage Tanks and Approval of CEQA Notice of Exemption.

*At the May 21, 2003 Regular Meeting of the Board, the Board of Directors approved a 1.6% increase in permit fees. The Board of Directors will consider the same 1.6% increase for fees for non-permitted activities, such as Asbestos Operations, Excavation of Contaminated Soil and Removal of underground Storage Tanks to adjust those fees by the 1.6% increase in the CPI. Approval of California Environmental Quality Act (CEQA) notice of exemption was also requested.*

Director Miller moved to open the Public Hearing at 10:09 a.m.; seconded by Director Wagenknecht; carried unanimously without objection. There were no speakers.

**Board Action:** Director Mossar moved to close the Public Hearing at 10:10 a.m. and that the Board adopt the proposed amendments to Regulation 3: Fees and incorporate into the District's Fiscal year 2003/2004 Budget as approved at the June 18, 2003 Board of Directors meeting and approve CEQA notice of exemption; seconded by Director Young; carried on the following roll call:

AYES: Ayerdi, Cooper, Daly, DeSaulnier, Hill, Kwok, McGoldrick, Miley, Miller, Mossar, Ross, Torliatt, Townsend, Uilkema, Wagenknecht, Young.

NOES: None.

ABSENT: H. Brown, Kniss, Silva, Smith, Haggerty.

**Adopted Resolution No. 2003-06: A Resolution of the Board of Directors of the Bay Area Air Quality Management District Approving the CEQA Notice of Exemption for Amendments to Regulation 3 – Fees**

**A Resolution of the Board of Directors of the Bay Area Air Quality Management District Amending Regulation 3 - Fees**

**Other Business**

11. Report of the Executive Officer/APCO. Mr. Norton reported on the following items: 1) Smog Check II started in the Bay Area as of July 1, 2003. Information can be provided to any Board member that has questions on the program. 2) There were three Spare the Air days last week. Charts showing the Exceedances of the National 1-Hour Ozone Standard; the Exceedances of the national 8-Hour Ozone Standard, and Exceedances of the California 1-Hour Ozone Standard for 2003 are at each Board member's place. 3) Directors Haggerty and Townsend and Messrs. Hess and Norton attended a meeting in Modesto with other air districts to discuss the 8-Hour attainment designation for the Bay Area and pollution transport from the Bay Area to the downwind districts. There were also discussions on land use. Director DeSaulnier was also at the meeting representing the Air Resources Board (ARB). The next meeting is scheduled for September 5, 2003.

12. Chairperson's Report. Vice-Chairperson Townsend stated he had no report.
10. Status Report on SB 288 New Source Review Restoration Act of 2003

*Staff gave the Board of Directors a briefing on SB 288 and staff received direction on the Air District's position.*

Director Kniss joined the meeting by teleconference at 10:23 a.m.

Mr. Norton stated that at the last Board meeting, the Board considered SB 288 (Sher), which proposes language changes in state law to NSR reform. The language that was proposed was of concern to District staff. Originally, staff recommended a "support but seek amendments" position; the Legislative Committee modified that recommendation and brought it back to the Board. The Board requested staff to look at changes/amendments that might be acceptable.

The bill has been amended in the Assembly and staff has reviewed the amendments, but feel more amendments still need to be made. The Environmental Protection Agency (EPA) has indicated that if the bill is approved in its current form, there will be a Notice of Deficiency given to every air district in California and sanctions would be imposed. Mr. Norton reported that a meeting is scheduled for July 3, 2003 in Davis between the author of the bill, Tom Adams, and members of the California Air Pollution Control Officers Association (CAPCOA). The District would like to see what changes come out of those negotiations before recommending a "support" position on the bill.

Tom Addison, Advanced Projects Advisor, stated that the Board, at its last meeting, took a position of "watch and seek amendments" on the April 10<sup>th</sup> version of the bill. On June 30<sup>th</sup> a new version of the bill came out and is in print. This new version of the bill tries to address some of the concerns the air districts have. The fundamental legal concerns that District staff and Counsel have with the April 10<sup>th</sup> version of the bill remain with this newest version of the bill. The July 3<sup>rd</sup> meeting will give staff an opportunity to discuss their concerns with the authors of the bill and present some proposed amendments.

Brian Bunger, Counsel, presented the background on NSR and NSR reform. Mr. Bunger stated that California has led the way in strong NSR programs and the bill seeks to freeze these programs where they are. The NSR program is a federally mandated program. EPA promulgated new regulations that changes the structure of the NSR program and these new elements must be in every approvable NSR program. If the elements are not in the Air District's program, it will be found deficient.

SB 288 would not allow the District to implement some of those program elements. The Notice of Deficiency leads to sanctions of increased offset ratios and cutting off of highway funds. The District may be placed in a position where it cannot have the program elements that it needs in its regulation in order to obtain approval.

The following people came forward to speak on this agenda item:

Richard Drury  
Adams & Broadwell

Carl Zichella  
Sierra Club

Azibuike Akaba  
Communities for a Better

So. San Francisco, CA  
94080

Sacramento, CA 05814

Environment  
Oakland, CA 94612

Michael Schmitz  
CLEEN  
Oakland, CA 94602

Rico Mastrondonato  
California League of  
Conservation Voters  
Oakland, CA 94612

Ann Noffhoff  
Natural Resources Defense  
Council  
San Francisco, CA 94105

**Board Action:** Director Hill moved that the Board take a position on SB 288 of “support in principle and seek amendments;” seconded by Director Mossar.

There was discussion on some of the inconsistencies in the current language and that the District would like to have a more stringent program than it has today. Director Wagenknecht noted that the Legislative Committee is scheduled to meet on July 14<sup>th</sup> so if the amendments were satisfactory to District staff after the July 3<sup>rd</sup> meeting, the Committee could recommend a “support” position. The motion then carried on the following roll call:

AYES: Ayerdi, Cooper, Daly, DeSaulnier, Hill, Kniss, Kwok, McGoldrick, Miley, Miller, Mossar, Ross, Torliatt, Townsend, Uilkema, Wagenknecht, Young.

NOES: None.

ABSENT: H. Brown, Silva, Smith, Haggerty.

**Closed Session** (The Board adjourned to Closed Session at 11:18 a.m.)

13. Conference with Legal Counsel

*Existing Litigation*

*Pursuant to Government Code Section 54956.9(a), a need existed to meet in closed session with legal counsel to consider the following case:*

*Communities for a Better Environment and Transportation Defense and Education Fund v. Bay Area AQMD, Metropolitan Transportation Commission, Association of Bay Area Governments, and California Air Resources Board, San Francisco Superior Court, Case No. 323849*

**Open Session** (The Board reconvened to Open Session at 11:24 a.m.)

Mr. Bungler stated that the Board met in Closed Session and received a report on Item 13. The Board received a status report and provided general direction to Counsel.

14. Board Members' Comments: There were none.
15. Time and Place of Next Meeting - 9:45 a.m., Wednesday, July 16, 2003, 939 Ellis Street, San Francisco, California.
16. Adjournment: The meeting was adjourned at 11:25 a.m.

Mary Romaidis  
Clerk of the Boards

mr

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: William C. Norton  
Executive Officer/APCO

Date: July 8, 2003

Re: Report of the Advisory Council

RECOMMENDED ACTION:

Receive and file.

DISCUSSION

Attached for your review are approved minutes of the Advisory Council Technical Committee meeting of May 29, 2003.

Respectfully submitted,

William C. Norton  
Executive Officer/APCO



Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109

**APPROVED MINUTES**

Advisory Council Technical Committee  
9:30 a.m., Thursday, May 29, 2003

- 1. Call to Order – Roll Call.** 9:33 a.m. Quorum Present: Robert Harley, Ph.D., Sam Altshuler, P.E., Louise Bedsworth, Ph.D., William Hanna, Stan Hayes, John Holtzclaw, Ph.D. Absent: Norman Lapera.
- 2. Public Comment Period.** There were no public comments.
- 3. Approval of Minutes of April 1, 2003.** Chairperson Harley requested that “NMHC” replace “methane” on line three, paragraph two of page three. Mr. Altshuler moved adoption of the minutes as corrected; seconded by Mr. Hayes; carried unanimously.
- 4. Overview of Refinery Flares.** Barry Friedman, Senior Consulting Engineer, The Washington Group, International, Denver, Colorado, reviewed a diagram of a flaring system. He noted that in certain systems a vapor recovery compressor can be placed in front of the seal drum to recover fuel vapors and reduce the amount of gas vented to the flares. However, fuel gas recovery is limited by the need to balance fuel produced with fuel consumed in the refinery, maintain the quality of recycled gas and retain sufficient capacity for emergency relief. To more fully utilize the recovered fuel gas, some refineries have installed power recovery gas turbines. However, enough waste gas must be recovered to justify their purchase and installation.

Flare tip types vary from pipe flares to steam assisted, air assisted, steam and air assisted, staged, and fuel assisted. Pipe flares are the simplest. Steam assisted flares have a ring with jets that generate turbulence at the flare tip to reduce smoke. Steam and air assisted flares have exterior and interior steam rings. Staged flares utilize individual burner nozzles on a ring at the flare tip.

Flaring provides for controlled equipment shutdown in emergencies arising out of the failure of instrumentation, process units and power supply, as well as operator error, fire exposure or loss of cooling water. Non-emergency flaring provides for the safe shutdown and start-up of equipment prior to maintenance and inspections, and prevents the direct venting to the atmosphere of small quantities of emissions from various miscellaneous systems that may contain hydrogen sulfide.

In the early 1980's, the Energy and Environmental Research Corporation and the Environmental Protection Agency (EPA) studied flare efficiency by placing a hood above a small flare tip and sampling the gases coming off the hood. With a stable flame, flare efficiencies of 98% or greater were achieved. Flame stability is affected by heating value, wind velocity and flare tip design. Flare efficiency is highest when the flame is connected to the tip, but it drops when too much steam separates it from the tip. The Chemical Manufacturer's Association (CMA) also conducted studies at this time and found high combustion efficiencies over a wide range of flow rates.

More recently flare emissions have been analyzed with Fourier Transform Infrared Spectroscopy (FTIR). EPA compared FTIR with the hood samples and found it accurate, although it requires use

## AGENDA : 3

of EPA's engineering assumptions. These assumptions are that soot constitutes less than 0.05%, and unburned heavier hydrocarbons (HC) less than 0.05%, of the total HCs entering the flare. BP Oil has developed a Light Detecting and Ranging (LIDAR) technology. It is similar to radar and measures gases, HCs and methane.

In 1997, Shell Oil studied the combustion efficiency of three large operating natural gas plant flares and found that at high flows efficiency ranged from 99.5-99.7% and at low flows from 98.8-99.2%. In October of 2001, Shell studied two flares at a European olefin plant and found that combustion efficiency in an elevated flare registered at 98%, and at 92% in a poorly maintained ground flare. In June of 2002, Shell studied eight solution gas flares and measured efficiency at 98%.

In 1996, BP Oil studied three steam-assisted refinery flares in England with 42"-48" tips. Flare efficiency registered at 98%. Some data showed even higher efficiencies but these did not discount for soot and unburned HCs. This study used LIDAR and considered the effect of crosswind speed on flare emissions as well.

In 1996, the Alberta Research Council (ARC) studied two small oil production flares and measured sweet solution flare efficiency at 62-71% and sour gas flare efficiency at 84%. Sampling devices were suspended from cranes near the flare plume. Some experts have criticized this sampling method. Also, the advisory group to the ARC study opined that the results of that study deviated in a major way from all previous studies and applied exclusively to flares 6" or less in diameter.

The University of Alberta subsequently studied oil production flares in a wind tunnel and found that crosswind velocity considerably reduced efficiency of flares with 2"-6" tips. The study also opined that these results could not be extrapolated to flare tips larger than 6". In 2000, Blackwell used FTIR to study CO in a flare with a high heating value and subjected to crosswinds. He measured flare efficiency at 98% and found that he could not replicate the ARC study.

EPA flaring regulations (40 CFR 60.18) are based on tests in the 1980's when flares were used for emissions control. The standards are used in setting flare emission inventories and set minimum heating values and velocity requirements, as well as applied Ringelmann opacity standards to smoke levels. They contain broad limits for continuous emissions but do not mandate record keeping.

In reply to questions, Mr. Friedman noted the following:

- Variability in fuel type may prohibit the consistent use of a steam-to-gas ratio in flaring. Auto-mated gas recovery compressors may occasionally require operator adjustment.
- Flare operators can observe flare opacity to a certain extent at night.
- If a flaring event occurs, the operator usually has advanced warning and can react to situations where high-pressure set points are exceeded by high inflows. However, if the events that lead to a flaring event occur in rapid succession, the flare is the only indicator of an upset.
- Operator judgment must not be affected by imposing flare limits that adversely affect safe refinery operations. An error in operator judgment arising out of an effort to conform to flaring limits could result in an accident that emits a far greater than normal quantities of emissions.

Chairperson Harley called for public comment and the following individuals came forward:  
Julia May

Communities for a Better Environment  
Oakland, California

- A recently published EPA fact-sheet stated that flaring that could be predicted (i.e., start-up/shut-down) may not comply with the Clean Air Act. The District should address this.
- Today's presentation does not necessarily apply to Bay Area refineries. For example, the Tesoro refinery knock-out system vents directly to the atmosphere rather than to the flares.
- Residents near refineries experience eye irritation and adverse respiratory impacts during flaring. The District estimates that flaring emits 15 tons per day of sulfur oxides (SO<sub>x</sub>). Combustion efficiency does not affect the levels of SO<sub>x</sub> emitted. Some combusted HCs are converted into toxic PM. Flares also emit such greenhouse gases as CO<sub>2</sub> and methane.
- Combustion efficiency estimates are controversial. Industry sponsored studies lack objectivity. A recent Swedish study evaluated high and low flaring loads and found high combustion efficiency at high loads but low efficiency at low loads, with emissions remaining fairly constant. Steam-to-fuel ratios for high loading levels worked well but could not be applied to lower loading levels. This may explain the lower combustion efficiency at lower load levels.
- The Blackwell study also found combustion efficiencies of 85%. The State of Texas has adopted a low loading contingency and selected the mid-range efficiency rate of 93%.
- A recent Dow Chemical study urged that dispersion analyses of flare emissions be conducted. A study of optical sensing techniques to evaluate flares is underway in Texas. Optical monitors measure ground level emissions at the ConocoPhillips refinery fence line. The Council might opine on how optical sensing might be applied to flare plume analysis in the Bay Area.

Kevin Buchan  
Western States Petroleum Association (WSPA)

- Reviewed a slide entitled "Refinery Flare Emissions: January 2001 - March 2003."
- WSPA believes that voluntary measures to reduce flaring should be fully implemented before formal emission control measures are considered for refinery flaring.

**5. Continued Discussion of Refinery Flares.** Mr. Hayes made the following points:

- The ARC study greatly diverges from the predominance of evidence that shows 98% flare efficiency. A 6" pipe in an oil and gas production flare is not analogous to a 48" refinery flare.
- On high ozone days, winds are usually stagnant and therefore flare destabilization is unlikely. Hence, a 98% combustion efficiency estimate can be used for ozone attainment planning.
- PM emissions from flares are likely to be low since operators try to minimize smoke as much as possible and maintain a smokeless flame. Chairperson Harley replied that flares can be kept in a smokeless condition up to, but not beyond, specified flare tip design flow rates.
- A 1997 South Coast AQMD staff report on Rule 1118 indicated that, based on standard estimation techniques, one refinery emitted 1,000 tons of SO<sub>x</sub> over a six-month period. It is important to evaluate stack emissions and ground level concentrations of SO<sub>x</sub>.

### AGENDA : 3

- Refineries are required to conform to federal and state ambient air quality standards for SO<sub>2</sub>. The AB 2588 Hots Spots rule addresses toxic impacts from industrial facilities and refineries. The District is considering a toxics New Source Review rule for new and modified sources.

In further discussion, the Committee members offered the following comments:

- Raised stack elevation would increase SO<sub>2</sub> dispersion. Refineries should use smart systems and algorithms to map steam and energy flow characteristics. Former Council member Robert Sawyer, Ph.D., would encourage consideration of flaring boundary conditions. (Altshuler)
- Methane in flare emissions affects global warming and should be inventoried. The time that a stable flame is absent is the key to quantifying ozone precursors from flares. (Bedsworth)
- Flare PM content should be studied and flow monitor calibration clearly described. (Holtzclaw)
- Routine maintenance, waste gas recycling, and refinery operational safety must be balanced. Differently sized stacks could accommodate different non-emergency, routine flows. (Hanna)
- The use of the optical remote sensing technology that measures vehicle emissions might be used to evaluate flare emissions. If successfully applied, it would obtain actual data and thereby avoiding having to extrapolate the results of other studies to the Bay Area. (Harley)

Mr. Hanna moved that the Committee recommend that the Advisory Council concur with the flare combustion efficiency estimate of 98%; seconded by Dr. Holtzclaw; carried unanimously.

In reply to Committee questions, Jim Karas, BAAQMD Air Quality Engineering Manager, stated:

- The Committee has responded to staff's request to opine on the combustion efficiency issue by reaching consensus on the estimate of 98% efficiency, based on the weight of evidence.
- Optical measurement of flares poses resource issues. Technically sophisticated spectroanalysis of flares is underway in Europe and staff will meet with the experts on this in the near future.
- The difference between District and industry calculations of flare HC content is due to different assumptions, the inclusion or exclusion of methane, and flow data variability. Much of the original flow data is unreliable. The flow-monitoring rule will generate better monitoring data.
- Boundary conditions are problematic, which is why the refineries are being encouraged to reduce flaring. One refinery has eliminated half of its flare emissions through gas recovery.

**6. Committee Member Comments/Other Business.** At its next meeting the Committee agreed to (1) receive presentations on flare emissions and the use of optical sensing technology to evaluate flares, and (2) discuss South Coast Rule 1118 with District staff, industry and the community.

**7. Time and Place of Next Meeting.** 9:30 a.m., Thursday, August 7, 2003, 939 Ellis Street, San Francisco, CA 94109.

**8. Adjournment.** 12:30 a.m.

James N. Corazza  
Deputy Clerk of the Boards

BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Memorandum

To: Chairperson Haggerty and  
Members of the Board

From: William C. Norton  
Executive Officer/APCO

Date: July 16, 2003

Re: Report of Division Activities for the month of June 2003

RECOMMENDED ACTION:

Receive and file.

Reviewed by: Peter Hess

**ADMINISTRATIVE SERVICES DIVISION – W. TANAKA, DIRECTOR**

The first Public Hearing to adopt the District's budget for Fiscal Year 2004 was held on June 4, 2003 for the purpose of hearing public comment on the proposed budget document. The second Public Hearing and adoption of the proposed budget was held on June 18, 2003.

Accounting and Human Resource staff attended the beginning of several planned training sessions on the ERP system. Familiarization with the system, planning for conversion, and learning the technical aspects of an ERP were some of the topics.

Work began on modifications to the building lobby area on June 23. The modifications are being made in part to recommendations made in a safety and security audit report. Work also began on Phase II modifications and updates to the HVAC system. The anticipated start date was delayed due to scheduling by the contractor. Phase II modifications will be funded by a mid year budget adjustment approved at the March 6, 2003 Board of Director's meeting. The project will not be completed in Fiscal Year 2003 thus funds approved this year will be carried forward and appropriated in Fiscal Year 2004.

**COMPLIANCE & ENFORCEMENT DIVISION – K. WEE, DIRECTOR**

A Dry Cleaner Workgroup meeting was held June 18 with industry representatives to discuss the proposed NSR Toxics regulation. Two Compliance Assistance advisories were sent out to provide the Asbestos Contractors with information on fee changes and a recent EPA determination on floor mastics. Staff granted the last of the \$400,000 in non-retail Gasoline Dispensing Facility Nozzle Changeout funds provided in a CARB grant. Additional stations requesting funds are being put on a waiting list. Staff met with EPA Region 9 staff to plan additional training/workshops on Improving Complaint Communication. Staff attended four community meetings for the NSR Toxics Regulation workshops to address any questions raised by the public on local air pollution issues. This effort is part of the continuing project to improve the service level to the public. Staff attended the AWMA Conference in San

Diego, CA and provided for the District's information booth. Many interested parties stopped by to pickup information and ask questions. Staff received training on Defensive Driver and Diversity training. Staff began replacement of document imaging system. The Flare Monitoring Rule was presented to the Board on June 4. The Stationary Source Committee was presented an update on Marine Loading Activities on June 18.

(See Attachment for Activities by County)

**INFORMATION SYSTEMS DIVISION – J. MCKAY, DIRECTOR**

**Enterprise Resource Planning (ERP) Project for Air District Financial Systems**

System implementation for the District's new ERP system (J D Edwards) began on June 6. Training is underway for both the users and the technical support staff. System hardware has arrived and the setup process will continue through early July. Initial Functional Design processes have determined that the first phase of implementation will not only replace the old Mitchell Humphrey's financial system, but will also absorb a small portion of the function currently in the IRIS/Databank system. Determination of appropriate tool sets and functional design for the Districts' future Engineering/Production Systems (used by Permits, Enforcement and Legal) continues as a separate, but linked, process.

**Toolsets for Permits/Enforcement/Legal**

Target dates for this process will be determined in conjunction with the development of the ERP project plan to ensure successful implementation of both efforts with existing resources.

**Web Site Development**

Static page conversion continues and will allow for initial release of non-interactive components by September of this year.

**LEGAL DIVISION – B. BUNGER, DISTRICT COUNSEL**

The District Counsel's Office received 231 Violations reflected in Notices of Violation ("NOVs") for processing.

Mutual Settlement Program staff initiated settlement discussions regarding civil penalties for 36 Violations reflected in NOVs. In addition, Mutual Settlement Program staff sent 21 Final 30 Day Letters regarding civil penalties for 82 Violations reflected in NOVs. Finally, settlement negotiations by Mutual Settlement Program staff resulted in collection of \$43,475 in civil penalties for 64 Violations reflected in NOVs.

Settlement negotiations by counsel in the District Counsel's Office resulted in collection of \$8,000 in civil penalties for 12 Violations.

Counsel in the District Counsel's Office represented the District in two variance proceedings and concluded by the District's Hearing Board during the month of June.

**PERMIT SERVICES DIVISION – W. DE BOISBLANC, DIRECTOR**

**Permit Evaluation Activity**

Monthly Title V Activity

No draft Title V permits were circulated for final internal review before public comment begins.

One proposed Title V permits was placed on public comment.

|                                     |                              |                  |
|-------------------------------------|------------------------------|------------------|
| Plant A5095                         | Republic Services Vasco Road | Application 2630 |
| One new Title V permits was issued. |                              |                  |
| Plant A2561                         | Shoreline Amphitheatre       | Application 2617 |
| Issued, still active:               | 71                           |                  |
| • Post-comment process              | 10                           |                  |
| • Public Comment:                   | 3                            |                  |
| • Under Review:                     | 18                           |                  |
| • Not yet submitted                 | 1                            |                  |
| Total:                              | 103                          |                  |

### Permit Systems

Ongoing activities during this period included data processing of permit applications for new and modified industrial sources, gasoline dispensing facilities (GDF), annual throughput updates for permit renewals, e-mail notifications on permit activities to cities and counties.

During this month we received 131 permit applications, of which 36 were for electrical generators (a 22% increase over last month). We also received 29 permit applications for Gasoline Dispensing Facilities (a 28% increase over last month), which can attributed to new component certification requirements in the State's phase I vapor recovery program.

### Toxics Program

Twenty-four risk screens were completed in June for new and modified sources of toxic air contaminants. Rule development activities continued on Regulation 2, Rule 5, which would convert the existing Risk Screening Procedure and Risk Management Policy into a District rule. Four community workshops were held in June to receive input on the draft rule.

(See Attachment for Activities by County)

### PLANNING DIVISION - T. PERARDI, DIRECTOR

The public hearing on Regulation 12, Rule 11 regarding refinery flare monitoring was continued from May 21, 2003; the Board adopted the regulation on June 4, 2003. Four community workshops were held regarding development of an air toxics new source review rule. The Board approved staff recommendations to allocate Transportation Fund for Clean Air funds for the continuation of the District's Vehicle Incentive Program and to continue participation in the California Air Resources Board Lower Emission School Bus Program and Carl Moyer Incentive Program with associated program changes. The District's vehicle buy back contractors purchased a total of 301 vehicles during June 2003. Staff wrote seven comment letters regarding air quality impacts of development projects and plans in the Bay Area: Sonoma Country Inn (Sonoma County), San Francisco Cruise Ship Terminal, San Rafael General Plan, San Jose Downtown Development Strategy, Berkley Square Project (Alameda County), Northgate Specific Plan (Vallejo), and Martinez General Plan update. Staff organized a Modeling Advisory Committee (MAC) meeting June 10. ENVIRON presented its progress on the photochemical modeling of the July-August 2000 ozone episode. BAAQMD presented its progress on the analysis of Central California Ozone Study (CCOS) meteorological data. Representatives from the U.S. EPA, California Air Resources Board, San Joaquin Valley, Sacramento and Monterey Districts as well as industry participated in this



meeting. Staff attended ARB's Board meeting and made a short presentation on District's involvement with CCOS.

### **PUBLIC INFORMATION & OUTREACH – T. GALVIN LEE, DIRECTOR**

June marked the official start date of the Spare the Air program. The first Spare the Air days were called consecutively on June 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup>. There were over 70 media stories regarding the advisories. Three live interviews took place with KGO, KRON, and KTVU, as well as interviews on numerous radio stations. Several lengthy articles appeared in the Chronicle, the Oakland Tribune, and the Fairfield Daily Republic among others. A survey was initiated to tabulate response to the events. The Spare the Air advertising campaign kicked off with two new radio advertisements promoting e-mail signups and a health-based message. A fuller billboard, radio, and television advertising campaign begins in early July. Several hundred Spare the Air light pole banners were installed in 15 Bay Area cities including San Francisco, Santa Rosa, San Pablo, Richmond, Dublin, Oakland, San Leandro, and Hayward. To date, over 2041 employers have signed up to be part of the Spare the Air network.

Public information staff coordinated with the Toxics Section of Permits to have four meetings in environmental justice communities on changing the District's toxic policy into a toxic rule. There was considerable media interest in the adoption of a flare monitoring rule by the Board of Directors on June 4<sup>th</sup>. There was also media interest on the beginning of the enhanced Smog Check II program in the Bay Area on July 1<sup>st</sup>.

In June, members of the Contra Costa Resource team met with the Executive Officer and other Air District staff to discuss their project to make information on stationary-source air emissions more accessible to the public. District staff presented papers on the Air District's outreach campaign at the AWMA conference in San Diego.

### **TECHNICAL DIVISION – G. KENDALL, DIRECTOR**

#### **Air Monitoring**

All thirty-one of the continuous air monitoring network stations were in full operation during the month of June 2003, including the seven ozone monitoring stations that began sampling on April 1. Two stations operating under the Children's Environmental Health Protection Program, one in Oakland and one in Crockett, have concluded collecting data after achieving program requirements of one year, although dioxin sampling is continuing at the Crockett location. Particulate monitors for PM<sub>2.5</sub>, including five BAM (continuous PM<sub>2.5</sub>) monitors, were in full operation at all designated stations but operating at a reduced sampling schedule per EPA sampling guidelines.

#### **Meteorology and Data Analysis**

June marks the beginning of summer and the longest day of the year. Long sunny days with temperatures above 95 degrees F are necessary ingredients for high concentrations of ozone to form in the Bay Area. Consecutive hot days with light winds increase the likelihood, expanse, and number of ozone standard exceedances. There were no exceedances of the National 1-hour ozone standard in June. However, the National 8-hour ozone standard was exceeded on June 2<sup>nd</sup>, 25<sup>th</sup>, 26<sup>th</sup>, and 27<sup>th</sup>. The one-day episode on the 2<sup>nd</sup> had maximum temperatures in the high 90s in the Santa Clara Valley with light winds from the north. Eight-hour National exceedances were recorded at San Martin (93 ppb) and Gilroy (90 ppb), and a total of four stations had State 1-hour exceedances. During a four-day ozone episode from June 25<sup>th</sup> through the 28<sup>th</sup>, winds were from the north again with elevated temperatures. On

the first day, San Martin (86 ppb) reached 97° and barely exceeded the 8-hour ozone standard as two stations exceeded State ozone standard. The second day had four stations with 8-hour ozone exceedances: Sunnyvale (86 ppb), Los Gatos (97 ppb), San Martin (86 ppb) and Livermore (94 ppb). Maximum temperatures reached 103° at San Martin and 101° at Livermore. State 1-hour exceedances occurred at 10 stations. The third day had one 8-hour ozone exceedance at Gilroy (88 ppb) with a high temperature of 104° and four stations exceeded the State 1-hour standard. On the final day, marine air began to push eastward across the Bay Area and maximum temperatures began to decrease. Only Los Gatos and San Martin exceeded the State 1-hour standard as the maximum San Martin temperature reached 99°. By June 29<sup>th</sup>, maximum temperatures dropped below 95°, and no ozone standards were exceeded through the rest of the month.

### Laboratory

Analyses continued for volatile organic compounds (VOCs) in coatings and related products by gas chromatography, and for asbestos and fallout materials by microscopy. Hydrocarbon speciation was performed on two gaseous samples from the outlet of the hydrocarbon beds of Chevron Terminal at Avon, Martinez. Seven air samples taken from the vicinity of the June 25<sup>th</sup> Valero incident were analyzed for hydrocarbon compounds. Two of the episodic samples were also analyzed for toxic compounds. Analyses continued for potassium, chloride, ammonia, sulfate and nitrate in PM<sub>10</sub> filters, for toxic organic compounds in ambient air samples, and speciation of hydrocarbon compounds in gasoline vapor recovery and landfill samples and permanent gases in landfill samples. One hundred and sixty (160) PM<sub>2.5</sub> filters were gravimetrically analyzed. Quality Assurance activities required for compliance with conditions for accreditation by the National Institute of Standard and Technology for asbestos continued. Approximately three thousand three hundred (3,300) analyses were performed during this period.

### Source Test

Ongoing Source Test activities included Continuous Emissions Monitoring (CEM) Field Accuracy Tests, source tests, gasoline cargo tank testing, and evaluations of tests conducted by outside contractors. The ConocoPhillips Refinery's open path monitor monthly report for the month of May was reviewed.

## STATISTICS

### Administrative Services:

Training Sessions Conducted ..... 7

### Accounting/Purchasing/Comm.

Applications Processed..... 50

General checks issued..... 678

Exams Conducted..... 6

Purchase Orders issued..... 39

New Hires..... 2

Checks/Credit Cards Processed ..... 1,332

Safety Administration..... 5

Pieces of mail sent..... 7,269

Inquiries (voice/electronic/in-person)..... 831

Pubic Information Requests Rec'd..... 80

### **Vehicle/Building Maintenance**

Vehicle services completed ..... 14

### **Information Systems**

Requests for building services..... 91

New installation completed..... 7

PC upgrades completed..... 4

Service calls completed..... 72

### **Compliance and Enforcement Division:**

#### **(INSPECTIONS)**

Facility Inspections ..... 994

### **Human Resources**

Source Inspections..... 796

Manager/Employee Consultation (Hours) ..... 229

Sources in Compliance..... 694

Management Projects (Hours) ..... 239

Permitted Sources in Violation..... 38

Employee/Benefit Transactions..... 50

|  |     |   |      |
|--|-----|---|------|
| <b>Gasoline Dispensing Facility (GDF)</b>          | 323 | Open burn in compliance .....   | 18   |
| <b>Inspection</b> .....                            |     | Open burn in violation .....  | 2    |
| Sources in compliance .....                        | 79  | Follow-up .....   | 5    |
| Sources not in compliance .....                    | 39  | Fire departments contacted .....  | 13   |
| New sources found .....                            | 3   | <b>Valves/Flanges/Connector Inspections</b> .....                             | 5164 |
| Follow-up (agencies contacted, etc.) .....         | 106 | In-compliance .....   | 5133 |
| Tags issued .....                                  | 93  | Not in-compliance .....   | 14   |
| Bulk Drop inspections .....                        | 3   | Follow-up .....   | 17   |
| <b>Charts/Records and Related Activities</b> ..... | 862 | <b>Technical Related Activities</b> .....                                     | 65   |
| Breakdowns investigated .....                      | 19  | Laboratory samples collected/submitted .....                                  | 48   |
| CEM/GLM/Parametric/PRV excesses .....              | 28  | Source tests requested .....  | 7    |
| Monitor chart review (1monitor) .....              | 222 | Source tests observed .....   | 10   |
| Records review (temp, throughput) .....            | 478 | <b>Hearing Board Activities</b> .....   | 5    |
| Inoperative Monitors .....                         | 29  | Staff review/recommendations .....  | 0    |
| Follow-ups .....                                   | 86  | Attendance on variances, abatement order<br>and permit related hearings ..... | 5    |
| <b>Notices of Violation</b>                        |     | <b>Permit Activities</b> .....  | 133  |
| Issued .....                                       | 92  | Expired permits, reminder letter, referrals .....                             | 56   |
| Follow-up (facility, PSD, Technical) .....         | 77  | Assist A/C applications .....   | 77   |
| <b>Notices to Comply</b>                           | 100 | <b>Training (Conducted/Attended)</b> .....                                    | 139  |
| Issued .....                                       | 58  | New Inspectors .....  | 17   |
| Follow-up .....                                    | 42  | Job related .....   | 111  |
| <b>Complaint Activities</b>                        |     | Trade Associations .....  | 11   |
| Investigated .....                                 | 195 | <b>Public Information Outreach</b> .....                                      | 5    |
| Follow-up (facility, PSD, Technical) .....         | 160 | <b>Green Business Inspection Activities</b> .....                             | 1    |
| <b>(COMPLIANCE ASSURANCE PROGRAM)</b>              |     | Pollution Prevention .....  | 0    |
| <b>Major Air Pollution Incidents</b>               | 15  | Multimedia Inspections Conducted .....  | 0    |
| Investigated .....                                 | 8   | Follow-up (facility, PSD) .....   | 1    |
| Follow-up (agencies contact, etc.) .....           | 7   | <b>Compliance Assistance</b> .....  | 14   |
| <b>Dry Cleaning Inspection Activities</b> .....    | 82  | Rule Audits .....   | 1    |
| Sources in compliance                              | 51  | Compliance Schools .....  | 1    |
| Sources not in compliance .....                    | 2   | Facility Review .....   | 11   |
| New Sources found .....                            | 0   | Presentations .....   | 1    |
| Follow-up .....                                    | 29  | <b>Rule Development Activities</b>  | 5    |
| <b>Auto Body Inspection Activities</b> .....       | 72  | Participation at workshops .....  | 2    |
| Sources in compliance                              | 33  | Inspector input .....   | 3    |
| Sources not in compliance .....                    | 17  | <b>(COMPLIANCE AND OPERATIONS PROGRAM)</b>                                    |      |
| New Sources found .....                            | 2   | Asbestos plans received .....   | 488  |
| Follow-up .....                                    | 20  | Breakdown/monitor excesses reported .....                                     | 9    |
| <b>Asbestos Inspection Activities</b> .....        | 190 | Coating & other petitions evaluated .....                                     | 3    |
| Pre/during/post removals in compliance .....       | 158 | Open burn notifications received .....  | 55   |
| Pre/during/post removals non-compliance .....      | 8   | Prescribed burn plans evaluated .....   | 6    |
| Follow-up .....                                    | 24  | Smoking vehicle complaints received .....                                     | 2    |
| <b>Open Burn Investigation Activities</b> .....    | 64  | Tank/soil removal notifications received .....                                | 18   |
| Pre/during/post burns .....                        | 26  |   |      |

|   |     |  |      |
|---|-----|--|------|
| Compliance assistance inquiries received.....           | 43  | Jan - Jun No-Burn Days – North .....               | 18   |
| Courtesy site visits requested.....                     | 1   | Jan - Jun Permissive Burn Days – South .....       | 164  |
| Speakers bureau requests received .....                 | 1   | Jan - Jun No-Burn Days – South .....               | 17   |
| EPA satellite courses viewed/taped .....                | 0   | Jan - Jun Permissive Burn Days – Coastal .....     | 171  |
| <b>Field Engineering</b>                                |     | Jan - Jun No-Burn Days – Coastal.....              | 10   |
| New Hearing Board cases reviewed .....                  | 5   | Days Exceeding National 8-hour Ozone Standard..... | 4    |
| <b>Permit Services</b>                                  |     | Days Exceeding National 1-hour Ozone Standard..... | 0    |
| Annual update packages started.....                     | 358 | Days Exceeding State Ozone Standard .....          | 6    |
| Annual update packages completed.....                   | 357 | <b>Laboratory</b>                                  |      |
| Total update pages entered .....                        | 921 | Analysis Completed .....                           | 3300 |
| New applications received .....                         | 190 | Inter-Laboratory Analyses.....                     | 0    |
| Authorities to Construct issued.....                    | 96  | <b>Technical Library</b>                           |      |
| Permits to Operate Issued .....                         | 68  | Titles Indexed/Catalogued.....                     | 12   |
| Exemptions .....  | 2   | Periodicals Received/Routed .....                  | 133  |
| Authorities to Construct denied .....                   | 0   | Library use .....                                  | 42   |
| ERC Transfers.....                                      | 3   | Microfiche received.....                           | 66   |
| <b>Public Information &amp; Outreach</b>                |     | Orders .....                                       | 21   |
| Presentations Made.....                                 | 3   | CD ROM use .....                                   | 0    |
| Responses to Media Inquiries .....                      | 58  | Internet use (hrs).....                            | 3    |
| Press Releases.....                                     | 6   | Reference (hrs) .....                              | 3    |
| General Requests for information .....                  | 201 | BNA Searches .....                                 | 0    |
| Visitors .....  | 1   | <b>Source Test</b>                                 |      |
| <b>Technical Services:</b>                              |     | Total Source Test .....                            | 86   |
| <b>Air Monitoring</b>                                   |     | Pending Source Tests .....                         | 14   |
| Days Exceeding National 8-hour Standard.....            | 4   | Violation Notices Recommended.....                 | 19   |
| Days Exceeding National 1-hour Ozone Standard.....      | 0   | Contractor Source Tests Reviewed.....              | 536  |
| Days Exceeding State Ozone Standard.....                | 5   | <b>Continuous Emissions Monitoring (CEM)</b>       |      |
| Ground Level Monitoring SO <sub>2</sub> Excesses .....  | 0   | Indicated Excess Emission Reports Evaluated.....   | 22   |
| Ground Level Monitoring H <sub>2</sub> S Excesses ..... | 3   | Monthly CEM Reports Reviewed .....                 | 55   |
| <b>Meteorology &amp; Data Analysis</b>                  |     | Indicated Excesses from CEM .....                  | 4    |
| Permissive Burn Days – North .....                      | 22  |  |      |
| No-Burn Days – North .....                              | 8   |  |      |
| Permissive Burn Days – South .....                      | 22  |  |      |
| No-Burn Days – South .....                              | 8   |  |      |
| Permissive Burn Days – Coastal.....                     | 26  |  |      |
| No Burn Days – Coastal .....                            | 4   |  |      |
| <b>Calendar Year Totals to Date</b>                     |     |  |      |
| Jan - Jun Permissive Burn Days – North .....            | 163 |  |      |

**MEETINGS, CONFERENCES, PRESENTATIONS**

| <b>ALAMEDA</b> |  |
|----------------|--|
| 6/3            | C-Gull Sportsfishing re: Moyer Project 00MOY71-Emeryville            |
| 6/3            | Marine Express re: Moyer Project 01MOY122-Alameda                    |
| 6/5            | Community Meeting in West Oakland regarding toxics new source review |

|      |   |
|------|---|
| 6/6  | BART re: Moyer Project 01MOY09-San Leandro  |
| 6/7  | Oakland Portfest 2003   |
| 6/10 | Site Visit, Carl Moyer Project 01MOY21-Oakland  |
| 6/12 | MTC Bike Advisory-Oakland   |
| 6/20 | Staff attended a court hearing for a Gasoline Dispensing Facility defendant.  |
| 6/30 | Staff attended a tour of the Port of Oakland for AB2650 implementation. Participants included: Port of Oakland staff and Marine Terminal Operators.   |
|      | <b>CONTRA COSTA</b>   |
| 6/3  | Supervising and Senior AQEs had conference call with Steelscape to discuss upcoming variance hearing and permit application to change conditions  |
| 6/3  | Community meeting in Richmond regarding toxics new source review  |
| 6/3  | Participated in an "Environmental Tour" of several industrial facilities in Contra Costa County. The Environmental Justice Air Quality Coalition (EJAQC) in conjunction with the District organized this event.   |
| 6/9  | Attended a meeting at the Chevron Refinery in Richmond CA with members of the Western States Petroleum Association (WSPA). This meeting was held to discuss Title V reporting requirements.   |
| 6/10 | Mtg: TFCA HDV Funds-Concord   |
|      | <b>MARIN</b>  |
| 6/23 | Staff attended a meeting organized by Green Action regarding the San Rafael Rock Query in San Rafael CA. Staff answered questions related to permitting, complaint handling and Regulation 6, (visible emissions)and public nuisance.   |
|      | <b>NAPA</b>   |
| 6/5  | AQ Manager, Supervising AQE, Principal AQE, AQE met with Valero Marketing to discuss urgent need to increase gasoline loading to compensate for shutdown of Chevron loading rack for MTBE phaseout.   |
|      | <b>SAN FRANCISCO</b>  |
| 6/10 | Community meeting in Bayview/Hunters Point regarding toxics new source review   |
| 6/15 | Golden Gate Park, Alice Summerthing   |
| 6/24 | Supervising Air Quality Engineer met with Mirant consultants on Potrero Unit #7 to discuss modifications  |
|      | <b>SAN MATEO</b>  |
| 6/12 | Workshop on draft Toxics NSR Rule (East Palo Alto)  |
| 6/18 | Staff attended a meeting with the San Mateo County Certified Unified Public Agency (CUPA) to present the District's Enhanced Vapor Recovery program. This purpose of this meeting was to coordiante compliance outreach to Non-retail Gasoline Dispensing Facilities in the county. |
| 6/24 | Cunha General Store, Halfmoon Bay: Staff conducted a joint asbestos inspection with EPA staff.  |
|      | <b>SANTA CLARA</b>  |
| 6/17 | Santa Clara USD re: Los Esteros Mitigation funding and PM10 filters-Santa Clara   |
| 6/18 | Staff attended the Environmental Task Force meeting regarding a California Highway Patrol officer's presentation on Haz-Mat responses and procedures followed during an incident.   |
| 6/19 | Director, Permit Services, AQ Manager, Principal AQE met with Jefferson Smurfit to discuss allowing turbine to operate above permit levels following inspection and maintenance activities.   |
| 6/26 | Supervising Air Quality Engineer, Principal Air Quality Engineer, and AQE met with Steven Creek Quarry and Caterpillar to discuss installing a diesel engine generator set.   |
| 6/26 | Supervising Air Quality Engineer, Principal Air Quality Engineer, and Air Quality Engineer met with   |

|         |  |
|---------|--|
|         | representatives of Stevens Creek Quarry and Caterpillar to discuss engine permit issues.   |
|         | <b>SOLANO</b>  |
| 6/15    | Outreach on Fathers Day at Marine World - Vallejo  |
| 6/19    | Valero Refinery Wastewater sampling. – Benicia, CA   |
|         | <b>SONOMA</b>  |
| 6/23    | Health and Harmony Festival – Santa Rosa   |
|         | <b>SACRAMENTO</b>  |
| 6/24    | Fuels Workshop-Sacramento  |
|         | <b>REGIONAL</b>  |
| 6/2     | Principal AQE and AQ Engineer visit the site at Hanson Permanente for Title V Permit discussion with plant reps, Santa Clara County.                     |
| 6/2     | Frank Edwards, Donaldson Company re: school buses and CARB verified pm retrofit devices-District   |
| 6/4     | FHWA, MTC re RTP & conformity analysis-MetroCenter   |
| 6/10    | MTC staff re TCM evaluation-District   |
| 6/11    | WTA Ad Hoc Agency Meeting-San Francisco  |
| 6/11    | DHS Interagency Indoor Air Quality Working Group Meeting-Berkeley  |
| 6/18    | ABAG Projections 2003 symposium-MetroCenter  |
| 6/20    | Regional Agencies Coordinating Committee-MetroCenter   |
| 6/26    | Water Transit Authority Board Meeting-San Francisco  |
| 6/26    | Smart Growth work group-MetroCenter  |
| 6/26    | Principal AQE. Senior AQ Engineer and AQ Engineer visit the site at Dow Chemical for Title V Permit Discussion with Andree Youngson, Contra Costa County |
|         | <b>STATE</b>   |
| 6/5     | CAPCOA Planning Managers-Conference call   |
| 6/5     | SMAQMD Plan Workshop-Sacramento  |
| 6/10    | CAPCOA Toxics and Risk Managers Committee Meeting  |
| 6/11    | DHS Interagency Indoor Air Quality Working Group Meeting-Berkeley  |
| 6/16-17 | AQ Manager attended CAPCOA Engineering Managers Meeting in Sacramento  |
| 6/18    | Attended meetings at State Lands Commission to improve customer service.   |
| 6/23-25 | Attended the 96 <sup>th</sup> Annual Air and Waste Management Association (AWMA) Convention in San Diego, Ca   |
| 6/23-25 | Staff attended an Ultra-sonic measurements presentations conducted by AWMA   |
| 6/23-25 | Staff attended a meeting regarding Carbon Abatement and remote sensing at AWMA   |
| 6/26    | California Air Resources Board meeting in Fresno re status of Central Calif Ozone Study  |
| 6/27    | LGC Smart Growth Conference-San Diego  |
|         |  |
|         |  |
|         | <b>DISTRICT</b>  |
| 6/9     | AQ Manager, Senior AQE met with WSPA to discuss Title V compliance certification   |
| 6/19    | Director of Permit Services, AQ Manager, District counsel had telecon with EPA about case-by-case  |

|      |   |
|------|---|
|      | delegation of PSD authority for permits already under District review.  |
|      | <b>DISTRICT-WIDE</b>  |
| 6/19 | Air Quality Engineer attended the California Air Resources Board Compliance Division's training seminar on Polyester Resin/Fiberglass Manufacturing offered in Los Angeles. |
|      | <b>NATIONAL</b>   |
| 6/12 | STAPPA/ALAPCO regarding 8-hour ozone standard implementation rule-Conference call   |
| 6/19 | US EPA hearing on proposed rule for 8-hour ozone standard – San Francisco   |
| 6/23 | AQE Manager participated in STAPPA/ALAPCO telcon with environmental groups to discuss their concerns about implementation of the new 8-hour ozone standard.                 |

| GOALS & OBJECTIVES  | Target      | Status | Comments   |
|---|-------------|--------|--|
| Provide quarterly written financial reports to program managers within 30 days of period.   | Quarterly   | 100%   | Ongoing  |
| Complete implementation of GASB 34.   | 06/30/2003  | 100%   | Complete   |
| Installation of new energy efficient roof and completion of phase one of replacement of HVAC system.  | 06/30/2003  | 100%   | Complete   |
| Replacement of emergency generator.   | 01/30/2003  | 100%   | Complete   |
| Replacement of lobby doors.   | 06/30/2003  | 50%    | Delayed  |
| Adoption of District Budget for FY 2003-04.   | 06/18/2003  | 100%   | Complete   |
| Approximately 600 articles on District activities.  | 06/30/2003  | 100%   | Complete   |
| Publish four issues of Air Currents.  | 06/30/2003  | 75%    | Summer issue completed   |
| Ten presentations before civic and service groups.  | 06/30/2003  | 100%   | Complete   |
| Five issues of the "Monitor".   | 05/30/2003  | 100%   | Three issues published   |
| Four editorial board visits.  | In progress | 50%    | Two ed board visits to Oakland Tribune and Contra Costa Times; other requests pending                              |
| Transcription of 35,000 Smoking Vehicle complaints.   | 06/30/2003  | 100%   | On schedule  |
| Mail letters to registered owners within three days of receipt.   | 06/30/2003  | 100%   | On schedule  |
| Publish Semi-annual Smoking Vehicle Report.   | 06/30/2003  | 100%   | Complete   |
| Publish Annual Smoking Vehicle Report.  | 06/30/2003  | 100%   | Complete   |
| Prepare weekly District position report on all matters before the Hearing Board.  | Weekly      | 100%   | On schedule  |
| Evaluate and process Title V (20 estimated) and synthetic minor (3 estimated) permits.  | 06/30/2003  | 50%    | One issued this month  |
| Select and enter contract with consultant for preparation of CEQA document for 2004 Ozone Attainment Plan.  | 06/30/2003  | 100%   | Complete   |
| Complete analysis of Bay Area field study data for ozone and particulate matter.  | 06/30/2003  | 35%    | Ozone analysis 35% complete. Particulate data not yet available from Calif Regional Particulate Air Quality Study. |
| Complete corroborative analyses for ozone SIP.  | 06/30/2003  | 30%    | Speciated CCOS hydrocarbon data not yet available from ARB   |
| Estimate the precursor emissions reductions needed for attainment of the national 1-hour ozone standard by 2006.  | 06/30/2003  | 35%    | Delay in inventory and delivery of field data from ARB.  |
| Complete Q/A review, organization of database files, and posting on the District's Web site of all of the District's meteorological data through the end of 2002. | 05/31/2003  | 55%    | On schedule  |
| Evaluate projects to receive incentives for school bus retrofits.   | 06/30/2004  | 65%    | Added requirement for retrofits to grants for new buses  |
| Revise District CEQA Guidelines for cities and counties regarding diesel particulate matter.  | 06/30/2004  | 10%    | Rescheduled to FY 03/04 to coordinate with other air   |

|   |            |      |  |
|---|------------|------|--|
|   |            |      | districts                                |
| Revise Reg 3: Fees.   | 06/30/2003 | 100% | Complete                                 |
| Adopt Regulation 12, Rule 11 regarding Refinery Flare Monitoring (SIP Control Measure SS15).  | 05/30/2003 | 100% | Complete; Board adopted on 6/4/03        |
| Revise 8-44: Marine Vessel Loading (SIP further study measure).   | 11/30/2003 | 50%  | On schedule                              |
| Install updated switching equipment on District's main network backbone.  | 06/15/2003 | 100% | Complete                                 |
| Update "firewall" for improved network security.  | 7/01/2003  | 100% | Complete                                 |
| Keep Technical Library page on the District website up to date with monthly "new additions" list, and periodical holdings.                                | Ongoing    | 100% | On schedule                              |
| Continue marketing effort to make the Technical Library more visible to staff and encourage staff use of its resources.                                   | Ongoing    | 100% | On schedule                              |
| Update by replacement several books and reports, making use of used or remaindered book sites.  | Ongoing    | 100% | On schedule                              |
| Remain active in local "Special Libraries Association" and participate in SLA sponsored dinners, lectures and seminars.                                   | Ongoing    | 100% | On schedule                              |
| Work with webmaster to get library catalog on BAAQMD website in 2003  | Ongoing    | 25%  | On schedule                              |
| Provide the Enforcement Division with analytical data from 800 samples to support their enforcement action.   | 06/30/2003 | 100% | On schedule                              |
| Provide the Air Monitoring Program with analytical data for 650 toxic organic compounds in ambient air samples.   | 06/30/2003 | 100% | On schedule                              |
| Determine the concentration of asbestos fibers in 300 asbestos containing bulk insulation materials for the Enforcement Division.                         | 06/30/2003 | 100% | On schedule                              |
| Provide the Air Monitoring Program with analytical data from 2,000 PM2.5 filters. Train new personnel to perform the analysis.                            | 06/30/2003 | 100% | On schedule                              |
| Participate in and complete 5 interlaboratory audits for toxic compounds conducted by CARB.   | 06/30/2003 | 60%  | Audits will be completed in July 2003    |
| Submit Certified Air Quality Data to EPA's AIRS Data Base for First Calendar Quarter of 2002.   | 06/30/2002 | 98%  | Delay due to EPA data system change over |
| Submit Certified Air Quality Data to EPA's AIRS Data Base for Second Calendar Quarter of 2002.  | 09/30/2002 | 99%  | Delay due to EPA data system change over |
| Submit Certified Air Quality Data to EPA's AIRS Data Base for Third Calendar Quarter of 2002.   | 12/30/02   | 99%  | On schedule                              |
| Submit Certified Air Quality Data to EPA's AIRS Data Base for Fourth Calendar Quarter of 2002.  | 03/30/03   | 99%  | On schedule                              |
| Submit Certified Air Quality Data to EPA's AIRS Data Base for First Calendar Quarter of 2003.   | 06/30/2003 | 95%  | On schedule                              |
| Prepare and submit Annual Air Monitoring Network Review Report to EPA.  | 09/30/2002 | 70%  | Postponed due to limited resources       |
| Provide air quality, meteorological, and GLM data in electronic format to support the District goal to provide access to these data through the Internet. | 06/30/2003 | 15%  | Resources shifted                        |
| Prepare updated Quality Assurance Manual for Air Monitoring and provide to EPA.   | 06/30/2003 | 70%  | On schedule                              |
| Design and construct portable acids gas samplers for episodic events. Train personnel.  | 06/30/2003 | 75%  | On schedule                              |
| Configure a new van for mobile surveillance and episodic monitoring.  | 06/30/2003 | 100% | Complete                                 |
| Modify an Air Monitoring van for use in auditing industry Ground Level Monitoring sites.  | 06/30/2003 | 100% | On schedule                              |



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|   |            |      |          |
|---|------------|------|----------|
| Prepare a corrective action plan for QA and air monitoring to meet EPA requirements.        | 06/30/2003 | 100% | Complete |
| Maintain criteria pollutant calibration standards and calibrators to meet EPA requirements. | 06/30/2003 | 100% | Complete |

**These facilities have received one or more Notices of Violations****Alameda County**

| <b>Received Date</b> | <b>Site Name</b>                 | <b>City</b>   | <b>Regulation Title</b>  |
|----------------------|----------------------------------|---------------|--|
| 4/21/03              | Stop & Save                      | Castro Valley | Permit to Operate  |
| 5/29/03              | Safeway Store #1953              | Dublin        | Gasoline Dispensing Facilities   |
| 6/5/03               | 7-Eleven Store #18916            | Fremont       | Gasoline Dispensing Facilities   |
| 5/6/03               | Fremont Cushing Chevron          | Fremont       | Failure to Meet Permit Conditions<br>Motor Vehicle and Mobile Equipment Coating Operations |
| 4/21/03              | East Bay Auto Body & Repair Shop | Hayward       | Motor Vehicle and Mobile Equipment Coating Operations                                      |
| 5/7/03               | Excel Auto Body & Repair         | Hayward       | Authority to Construct and Permit to operate   |
| 5/14/03              | Millennium Auto Body & Paint     | Hayward       | Authority to Construct and Permit to operate   |
| 5/8/03               | Reliance Auto Body & Repair      | Hayward       | Authority to Construct, Permit to operate<br>Motor Vehicle & Mobile Equipment Coating Ops  |
| 5/7/03               | V V Auto Body Shop               | Hayward       | Authority to Construct   |
| 5/7/03               | World Oil Marketing #76          | Hayward       | Gasoline Dispensing Facilities   |
| 4/30/03              | Evergreen Oil, Inc               | Newark        | Public Nuisance  |
| 3/12/03              | Arco Prestige Stations, Inc      | Oakland       | Authority to Construct and Permit to operate   |
| 3/12/03              | Arco Prestige Stations, Inc      | Oakland       | Gasoline Dispensing Facilities   |
| 5/16/03              | Budget Rent A Car                | Oakland       | Gasoline Dispensing Facilities   |
| 4/28/03              | Sherwin Williams                 | Oakland       | General Provisions: Organic Compounds  |
| 3/4/03               | Sunrise Specialty Company        | Oakland       | Failure to Meet Permit Conditions and Coating of Misc Parts & Metal Products               |
| 5/15/03              | Unocal #5781                     | Oakland       | Authority to Construct and Permit to operate   |
| 6/4/03               | Bill Toomey                      | Pleasanton    | Asbestos Demolition, Renovation  |
| 6/12/03              | Davis Street SMART               | San Leandro   | Gasoline Dispensing Facilities   |
| 4/9/03               | New Gas Station                  | San Leandro   | Gasoline Dispensing Facilities   |

**Contra Costa County**

| <b>Received Date</b> | <b>Site Name</b>                  | <b>City</b> | <b>Regulation Title</b>   |
|----------------------|-----------------------------------|-------------|---|
| 5/8/03               | Ladane Printing                   | Concord     | Failure to Meet Permit Conditions   |
| 12/23/02             | Trans Am Gas                      | Concord     | Failure to Meet Permit Conditions   |
| 5/28/03              | Martinez Refining Company         | Martinez    | CEM/Recordkeeping   |
| 5/14/03              | Tesoro Refining and Marketing Co. | Martinez    | Failure to Meet Permit Conditions, Organic Compounds & Misc, NOx & CO2 from boilers, steam generators & process Heaters |
| 6/2/03               | B & B Demolition                  | Richmond    | Asbestos Demolition, Renovation   |
| 5/21/03              | Express Gas                       | Richmond    | Gasoline Dispensing Facilities  |

**Marin County**

| <b>Received Date</b> | <b>Site Name</b>  | <b>City</b> | <b>Regulation Title</b>                             |
|----------------------|-------------------|-------------|---|
| 4/21/03              | Quality Auto Body | Mill Valley | Motor Vehicle + Mobile Equipment Coating Operations |

|         |                      |            |                                 |
|---------|----------------------|------------|---------------------------------|
| 5/1/03  | Fairway Builders Inc | San Rafael | Asbestos Demolition, Renovation |
| 4/23/03 | Redwood Engineering  | Tiburon    | Asbestos Demolition, Renovation |

**Napa County****Received**

| <b>Date</b> | <b>Site Name</b> | <b>City</b>  | <b>Regulation Title</b> |
|-------------|------------------|--------------|-------------------------|
| 5/30/03     | Rich Svendsen    | Calistoga    | Open Burning            |
| 1/17/03     | Jason Woodbridge | Saint Helena | Open Burning            |

**San Francisco County****Received**

| <b>Date</b> | <b>Site Name</b>        | <b>City</b>   | <b>Regulation Title</b>         |
|-------------|-------------------------|---------------|---------------------------------|
| 5/27/03     | Keegan Construction Inc | San Francisco | Asbestos Demolition, Renovation |
| 4/11/03     | Sunset JC Shell         | San Francisco | Permit to Operate               |

**San Mateo County****Received**

| <b>Date</b> | <b>Site Name</b>                               | <b>City</b>            | <b>Regulation Title</b>                             |
|-------------|--|------------------------|---|
| 5/29/03     | SFPP, LP                                       | Brisbane               | Equipment Leaks<br>Storage of organic liquids       |
| 4/22/03     | RUDOLPH AND SLETTEN INC                        | Foster City            | Asbestos Demolition, Renovation                     |
| 4/10/03     | Earl Scheib of California Inc                  | Redwood City           | Motor Vehicle + Mobile Equipment Coating Operations |
| 5/8/03      | Legacy Auto Body and Paint                     | Redwood City           | Motor Vehicle + Mobile Equipment Coating Operations |
| 4/22/03     | San Bruno Shell                                | San Bruno              | Permit to Operate                                   |
| 5/14/03     | United Airlines SF Maintenance<br>Center       | San Bruno              | Failure to Meet Permit Conditions                   |
| 5/12/03     | South San Francisco Unified<br>School<br>Distr | South San<br>Francisco | Gasoline Dispensing Facilities                      |

**Santa Clara County****Received**

| <b>Date</b> | <b>Site Name</b>                   | <b>City</b> | <b>Regulation Title</b>                             |
|-------------|------------------------------------|-------------|---|
| 7/30/01     | Express Cleaners                   | Campbell    | Perc Dry Cleaning                                   |
| 6/4/03      | EZ Cleaner & Shoe Repair           | Los Gatos   | Perc Dry Cleaning                                   |
| 12/3/02     | Biofuel Systems                    | Milpitas    | Failure to Meet Permit Conditions                   |
| 1/27/03     | Miguel Gomez                       | Morgan Hill | Open Burning  |
| 5/12/03     | MAACO Auto Painting &<br>Bodyworks | Palo Alto   | Motor Vehicle + Mobile Equipment Coating Operations |
| 4/28/03     | Atlantic Richfield Co              | San Jose    | Gasoline Dispensing Facilities                      |
| 5/23/03     | Berryessa Fuel, Inc                | San Jose    | Gasoline Dispensing Facilities                      |
| 5/14/03     | Bonded Cleaners                    | San Jose    | Perc Dry Cleaning                                   |
| 4/23/03     | Cal Gas & Diesel                   | San Jose    | Authority to Construct and<br>Permit to operate     |
| 3/27/03     | Cal-Neon                           | San Jose    | Coating of Misc Metal Parts & Products              |
| 2/7/03      | Chevron Products Company           | San Jose    | Storage of Organic Liquids                          |
| 4/15/03     | Gas Recovery Systems, Inc          | San Jose    | Failure to Meet Permit Conditions                   |
| 5/1/03      | Huntingdon Dry Cleaners            | San Jose    | Permit to Operate                                   |
| 5/20/03     | Safe Cleaners                      | San Jose    | Perc Dry Cleaning                                   |

|         |                                       |             |   |
|---------|---------------------------------------|-------------|---|
| 5/13/03 | Shell Oil Company                     | San Jose    | Gasoline Dispensing Facilities  |
| 4/14/03 | Western States Oil                    | San Jose    | Authority to Construct and Permit to operate  |
| 4/30/03 | Arroyo Seco Vineyards                 | San Martin  | Open Burning  |
| 3/21/03 | Coffee Factory                        | Santa Clara | Failure to Meet Permit Conditions   |
| 5/21/03 | Mission Trail Waste Systems           | Santa Clara | Coating of Misc Metal Parts & Products  |
| 4/23/03 | O C Jones                             | Santa Clara | Asbestos Demolition, Renovation Motor Vehicle and Mobile Equipment Coating Operations |
| 5/6/03  | Our's Auto Body & Paint               | Santa Clara | Coating of Misc Metal Parts & Products  |
| 5/30/03 | Spraytronics Inc                      | Santa Clara | Coating of Misc Metal Parts & Products  |
| 4/15/03 | George McKenzie                       | Saratoga    | Open Burning  |
| 4/8/03  | City of Sunnyvale Solid Waste Program | Sunnyvale   | Parametric Monitoring/Recordkeeping Failure to meet Permit conditions                 |

**Solano County****Received Date****Site Name****City****Regulation Title**

|         |                               |                 |   |
|---------|-------------------------------|-----------------|---|
| 6/3/03  | Apex Bulk Commodities Inc     | American Canyon | Particulate Matter and Visible Emissions                                |
| 5/29/03 | Doors and Drawers             | Benicia         | Wood Products Coatings  |
| 5/22/03 | Picon Inc                     | Benicia         | Authority to Construct , Permit to operate & Polyester Resin Operations |
| 5/13/03 | Romak Iron Works              | Benicia         | Coating of Misc Metal Parts & Products                                  |
| 5/21/03 | Valero Benicia Asphalt Plant  | Benicia         | Parametric Monitoring/Recordkeeping                                     |
| 1/7/03  | E-Z Stop Market               | Fairfield       | Gasoline Dispensing Facilities  |
| 1/13/03 | Food & Liquor #56             | Fairfield       | Public Nuisance & Gasoline Dispensing Facilities                        |
| 5/23/03 | Sunpol Resins & Polymers, Inc | Fairfield       | Resin Manufacturing   |
| 6/5/03  | Potrero Hills Landfill, Inc   | Suisun City     | Solid Waste Disposal Sites  |

**Sonoma County****Received Date****Site Name****City****Regulation Title**

|         |                       |              |  |
|---------|-----------------------|--------------|--|
| 6/23/03 | USA Petroleum         | Cotati       | Authority to Construct and Permit to operate |
| 5/8/03  | J H Pomeroy & Co, Inc | Petaluma     | Public Nuisance                              |
| 5/22/03 | Blake's Auto Body Inc | Rohnert Park | Authority to Construct and Permit to operate |

**Outside Bay Area****Received Date****Site Name****City****Regulation**

|         |                                  |            |  |
|---------|----------------------------------|------------|--|
| 5/28/03 | E. T. Abatement                  | Modesto    | Asbestos Demolition, Renovation                        |
| 6/26/03 | Beneto Tank Lines                | Sacramento | Gasoline Bulk Terminals and Gasoline Delivery Vehicles |
| 6/26/03 | Williams Tank Lines/Mike Stewart | Stockton   | Gasoline Bulk Terminals +Gasoline Delivery Vehicles    |

**June 2003 Closed NOVs with Penalties by County****Alameda**

| Site name                       | Site Occurrence # | City    | Penalty | # of Violations closed |
|---------------------------------|-------------------|---------|---------|------------------------|
| Bill & Bill's Body Shop         | B1494             | Oakland | \$1,000 | 2                      |
| Rainbow Auto Body               | B0113             | Hayward | \$750   | 3                      |
| Tosco Northwest Company         | C9727             | Oakland | \$750   | 1                      |
| <b>Total Closed Violations:</b> |                   |         |         | <b>6</b>               |

**Contra Costa**

| Site name                       | Site Occurrence # | City         | Penalty  | # of Violations closed |
|---------------------------------|-------------------|--------------|----------|------------------------|
| Best Auto Painting              | A2814             | Walnut Creek | \$1,400  | 2                      |
| Bill Nelson Chevrolet Inc       | A3918             | Richmond     | \$500    | 1                      |
| M.V. Formosa Eleven             | P0808             | Richmond     | \$12,500 | 1                      |
| San Pablo Auto Body             | B0857             | San Pablo    | \$500    | 1                      |
| T K Auto Repair & Body Shop     | A6419             | Richmond     | \$1,500  | 2                      |
| <b>Total Closed Violations:</b> |                   |              |          | <b>7</b>               |

**Marin**

| Site name                       | Site Occurrence # | City        | Penalty | # of Violations closed |
|---------------------------------|-------------------|-------------|---------|------------------------|
| Alex's Dry Cleaning and Valet   | A4219             | San Anselmo | \$1,000 | 1                      |
| Alex's Drycleaning Valet        | B2189             | San Rafael  | \$1,000 | 2                      |
| <b>Total Closed Violations:</b> |                   |             |         | <b>3</b>               |

**Napa**

| Site name                       | Site Occurrence # | City         | Penalty | # of Violations closed |
|---------------------------------|-------------------|--------------|---------|------------------------|
| HMS Vineyards                   | P1882             | Saint Helena | \$500   | 1                      |
| Lorrain Kongsgaard              | P1891             | Napa         | \$750   | 1                      |
| Melrose                         | P1879             | Saint Helena | \$1,500 | 1                      |
| Moghadam Estates                | P1884             | Saint Helena | \$500   | 1                      |
| Reese Vineyards                 | P1576             | Napa         | \$500   | 1                      |
| Silver Oak Cellars              | P1887             | Oakville     | \$750   | 1                      |
| <b>Total Closed Violations:</b> |                   |              |         | <b>6</b>               |

**Santa Clara**

| Site name                         | Site Occurrence # | City        | Penalty | # of Violations closed |
|-----------------------------------|-------------------|-------------|---------|------------------------|
| BP Facility #11231                | C9321             | Sunnyvale   | \$600   | 1                      |
| Express Cleaners                  | B0047             | Campbell    | \$1,000 | 1                      |
| Landmark Label                    | A8940             | Milpitas    | \$1,000 | 24                     |
| Mongkol Auto Body Shop            | A2515             | Milpitas    | \$1,000 | 2                      |
| Publishers Press                  | A8572             | San Jose    | \$1,750 | 1                      |
| Stevens Creek Buick, Pontiac, GMC | B1875             | Santa Clara | \$1,000 | 2                      |
| Y & D Cabinet Shop                | B2060             | Santa Clara | \$750   | 1                      |
| Waukesha Electric Systems (SPX)   | A0455             | Milpitas    | \$8,000 | 12                     |

**Total Closed Violations: 44**

#### San Francisco

| Site name         | Site Occurrence # | City          | Penalty | # of Violations closed |
|-------------------|-------------------|---------------|---------|------------------------|
| Botta's Auto Body | B0578             | San Francisco | \$500   | 1                      |
| Unique Auto Body  | B0807             | San Francisco | \$650   | 1                      |

**Total Closed Violations: 2**

#### San Mateo

| Site name                          | Site Occurrence # | City                | Penalty | # of Violations closed |
|------------------------------------|-------------------|---------------------|---------|------------------------|
| MGM Construction                   | M3195             | Burlingame          | \$1,500 | 3                      |
| So San Francisco Automotive Center | B2701             | South San Francisco | \$125   | 1                      |

**Total Closed Violations: 4**

#### Solano (None for June 2003)

#### Sonoma

| Site name        | Site Occurrence # | City       | Penalty | # of Violations closed |
|------------------|-------------------|------------|---------|------------------------|
| Best Cleaners    | B1820             | Santa Rosa | \$1,200 | 2                      |
| RHL Design Group | C0814             | Petaluma   | \$6,000 | 1                      |
| Rufina Tabor     | P1883             | Santa Rosa | \$1,000 | 1                      |

**Total Closed Violations: 4**

**Total \$ for June 2003    \$51,475**  
**Total Violations Closed for June**  
**2003                            76**

### Permit Activity for Alameda County

| App. # | Status | Company Name                 | City          | Project Title                                       |
|--------|--------|------------------------------|---------------|---|
| 2079   | PO     | Evergreen Oil, Inc           | Newark        | Modification/S#5                                    |
| 2725   | PO     | Wintec Industries            | Fremont       | New Facility/Diesel                                 |
| 5776   | AC     | Pleasanton Surgical Center   | Pleasanton    | Generator   |
| 5786   | PO     | East 14th #5 Star, LLC       | San Leandro   | GDF - new facility (20K, 12K/8Kd, 8 tpn, bal, EVR)  |
| 6308   | PO     | Segale Bros                  | Hayward       | New Facility/Dust Collector                         |
| 6411   | PO     | Verizon Wireless Pleasant    | Pleasanton    | Generator   |
| 6552   | PO     | Neo Center                   | Union City    | Standby Generator                                   |
| 6696   | PO     | Sun Microsystems             | Newark        | Generator   |
| 6821   | ISU    | United States Pipe & Found   | Union City    | Banking: reductions at S-17 surface coater          |
| 6821   | PO     | United States Pipe & Found   | Union City    | Banking: reductions at S-17 surface coater          |
| 6875   | PO     | Waste Management of Alameda  | Livermore     | Modification/IC Engines                             |
| 6961   | PO     | Trade Lithography            | Albany        | Lithrone Press                                      |
| 7007   | PO     | City of Piedmont             | Piedmont      | GDF - new facility                                  |
| 7042   | AC     | Quaker Oats                  | Oakland       | Boiler  |
| 7225   | PO     | GE Capital Modular Space     | Hayward       | Modification/Increase Thru/S-1                      |
| 7266   | PO     | Fricke Parks Press Inc       | Union City    | Printing Press                                      |
| 7352   | ISU    | Enron North America          | Pleasanton    | ERC Transfer to Tesoro                              |
| 7369   | PO     | SBC Advanced Solutions Inc.  | Dublin        | Standby Engines                                     |
| 7369   | PO     | SBC Advanced Solutions Inc.  | Dublin        | Standby Engines                                     |
| 7497   | AC     | Excel Auto Body & Repair     | Hayward       | New Facility/Spray Booth                            |
| 7501   | AC     | Chevron SS #9-4800           | Oakland       | GDF--mod (20K, 15K, 10 tpn, bal, EVR)               |
| 7516   | AC     | Unocal #6034                 | Livermore     | GDF - EVR upgrade (2x12K, 8 tpn, bal, EVR)          |
| 7517   | AC     | Unocal #3791                 | Hayward       | GDF - EVR upgrade (2x15K, 12 tpn, Gil, EVR)         |
| 7532   | AC     | Union Oil Company of CA      | Fremont       | GDF--EVR upgrade (2x15K, 12 tpn, Gil, EVR)          |
| 7534   | AC     | Tosco - Unocal #3072         | Hayward       | GDF--EVR upgrade (2x12K, 12 tpn, bal, EVR)          |
| 7600   | AC     | Nella Oil Company            | Hayward       | GDF--mod (10K, 4 spn, bal, EVR)                     |
| 7614   | AC     | Unocal #3443                 | Oakland       | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)            |
| 7615   | AC     | Unocal #5484                 | Castro Valley | GDF-EVR upgrade (2x12K, 8 tpn, Gil, EVR)            |
| 7616   | AC     | Unocal #4186                 | Livermore     | GDF-EVR upgrade (2x10K, 8 tpn, Gil, EVR)            |
| 7617   | AC     | Tosco Facility #02484        | Castro Valley | GDF-EVR upgrade (3x10K, 10 pn, Gil, EVR)            |
| 7618   | AC     | Tosco Facility #11128        | Livermore     | GDF - EVR upgrade (12K, 2x10K, 24 spn, Gil, EVR)    |
| 7620   | AC     | BP Oil Company               | Oakland       | GDF - modification (3x10K, 8 tpn, H800, EVR)        |
| 7630   | APPL   | Maier Racing Enterprises     | Hayward       | Modification/Fiberglass Operation                   |
| 7643   | AC     | Unocal #3770                 | Castro Valley | GDF-EVR upgrade (3x12K, 10 tpn, bal, EVR)           |
| 7645   | AC     | Nella Oil Company            | Hayward       | GDF--mod (2x10K, 8 spn, bal, EVR)                   |
| 7646   | AC     | Unocal SS #4748              | Fremont       | GDF-EVR upgrade (15K, 12K, 12 tpn, Gil, EVR)        |
| 7648   | AC     | Tosco Northwest Company      | Fremont       | GDF--EVR upgrade (15K, 12K, 2x6K, 12 tpn, Gil, EVR) |
| 7651   | APPL   | Hato Corp dba Blacow Service | Fremont       | GDF-mod   |
| 7654   | APPL   | Port of Oakland              | Oakland       | GDF-mod   |
| 7656   | AC     | Unocal #6419                 | Dublin        | GDF-EVR upgrade (2x12K, 12 tpn, Gil, EVR)           |
| 7657   | AC     | Union Oil Company            | Fremont       | GDF-EVR upgrade (2x15K, 18tpn, Gil, EVR)            |
| 7661   | AC     | Unocal #7176                 | Dublin        | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)            |
| 7663   | AC     | Tosco Northwest Company      | Dublin        | GDF-EVR upgrade (15K, 2x10K, 8 tpn, Gil, EVR)       |
| 7668   | AC     | Unocal #5781                 | Oakland       | GDF-EVR upgrade (2x12K, 24 spn, bal, EVR)           |
| 7670   | AC     | Tosco Northwest Company      | Fremont       | GDF-EVR upgrade (10K, 8K, 6K, 10 tpn, bal, EVR)     |
| 7705   | APPL   | Pixar Animation Studios      | Emeryville    | New Facility/Back-up Generators                     |
| 7710   | APPL   | Mervyn's Distribution Center | Fremont       | New Facility/Emergency Diesel Generator             |
| 7712   | APPL   | Specialty Crushing Inc       | Oakland       | Concrete Recycling Plant                            |
| 7715   | APPL   | AC Transit General Office    | Oakland       | Fire Pump Engine                                    |
| 7716   | APPL   | U S Veterans Administration  | Livermore     | Emergency Generator                                 |
| 7723   | APPL   | Valspar Coatings             | Hayward       | Synthetic Minor                                     |

|      |      |                                |             |   |
|------|------|--------------------------------|-------------|---|
| 7730 | APPL | Nikon Precision Inc            | Fremont     | New Source/Parts Warehouse                    |
| 7735 | APPL | Lawrence Berkeley Laboratory   | Berkeley    | GDF - test site                               |
| 7737 | APPL | Unocal #5781                   | Oakland     | GDF--EVR upgrade (2x12K, 24 spn, bal, EVR)    |
| 7738 | APPL | Alameda Contra Costa Tran      | Hayward     | GDF - modification                            |
| 7744 | APPL | Harder Road Beacon             | Hayward     | GDF - modification                            |
| 7752 | APPL | Mervyn's Headquarters Building | Hayward     | New Source:Emergency Generator                |
| 7757 | APPL | Sun Microsystems               | Newark      | New Source:Emergency Standby Generator        |
| 7761 | APPL | Autotrends                     | Oakland     | New Source: Spray Booth                       |
| 7762 | APPL | AutotrendsEnter the Plant      | Oakland     | New Source:Spray Booth                        |
| 7775 | APPL | University of California       | Berkeley    | Title V: Five-Year Permit Renewal             |
| 7777 | APPL | California Classics Auto       | Alameda     | New Source: Paint Spray Booth                 |
| 7779 | APPL | EXAR Corporation               | Fremont     | New Source: Natural Gas Fired IC Engine       |
| 7783 | APPL | Butler Amusements              | Pleasanton  | Portable Diesel Generator                     |
| 7788 | APPL | Winton Auto Body Shop          | Hayward     | New Source: Cross Flow Spray Booth            |
| 7790 | APPL | Pacific Galvanizing            | Oakland     | APP:New Source:Natural Gas Fired IC Generator |
| 7791 | APPL | Wellex Corporation             | Fremont     | New Source: Wave Solder Machine               |
| 7798 | APPL | Nella Oil Company              | San Leandro | GDF--mod                                      |
| 7809 | APPL | 2929 Seventh Street LLC        | Berkeley    | Emergency Standby Generator                   |
| 7814 | APPL | Fifth & Potter Street Ass      | Berkeley    | Emergency Standby Generator Set               |
| 7817 | APPL | University of California       | Berkeley    | New Source/Diesel Fuel Genset                 |
| 7823 | APPL | Baxter Healthcare Corporation  | Fremont     | Emergency Diesel Generator                    |

## Permit Activity for Contra Costa County

| App. # | Status | COMPANY NAME                       | City      | Project Title                                    |
|--------|--------|------------------------------------|-----------|--|
| 5792   | PO     | Chevron #7578                      | Danville  | GDF - Modification (20K, 15K, 8 tpn, bal,EVR)    |
| 5829   | AC     | Exxon Mobil c/o ERI                | Richmond  | New Facility/SVE                                 |
| 6251   | PO     | 7-Eleven #32604                    | Concord   | GDF-Modification (15K, 10K, 12 tpn, bal,EVR)     |
| 6443   | PO     | Sierra Pacific Properties          | Concord   | New Source/Fire Pump                             |
| 6544   | PO     | Pacific States Aviation I          | Concord   | GDF - new  |
| 6546   | PO     | City of Brentwood                  | Brentwood | Emergency Generator                              |
| 6666   | PO     | Tosco Northwest Company            | Martinez  | GDF - Modification                               |
| 6673   | AC     | Tesoro Refining and Market         | Martinez  | New Source/Coke Silo                             |
| 6945   | AC     | Tesoro Refining and Market         | Martinez  | Emergency Firewater Pumps                        |
| 7139   | PO     | Clayton Car Wash                   | Concord   | GDF - Modification (12K, 2x10K, 8 tpn, bal, EVR) |
| 7324   | PO     | Unocal Corporation                 | Rodeo     | GDF - Modification (15K, 1 spn, bal, EVR)        |
| 7395   | AC     | Hillcrest Valero                   | Antioch   | GDF--mod (12K, 2x10K, 12 tpn, bal, EVR)          |
| 7507   | EXE    | Dow Chemical Company               | Pittsburg | Exempt Cold Cleaner                              |
| 7561   | AC     | Martinez Refining Company          | Martinez  | Alteration of S-1759                             |
| 7583   | ISU    | Chevron Products Company           | Richmond  | ERC surrender for NOV settlement                 |
| 7642   | AC     | Tesoro Refining and Market         | Martinez  | 3 Temporary Boilers                              |
| 7649   | AC     | Arco Car Wash                      | Concord   | GDF-EVR upgrade (4 tanks, 12 tpn, Gil, EVR)      |
| 7672   | AC     | Orinda Unocal 76 #3518             | Orinda    | GDF-EVR upgrade (2x12K,10K,8 tpn,bal,EVR)        |
| 7676   | APPL   | Granite Construction Company       | Concord   | New Source/Asphalt Concrete Silo                 |
| 7679   | AC     | Unocal #1521                       | Lafayette | GDF-EVR upgrade (3x12K, 8 tpn, bal, EVR)         |
| 7680   | AC     | Unocal #6165                       | Pittsburg | GDF-EVR upgrade (2x12K, 12 tpn, bal, EVR)        |
| 7691   | APPL   | City of Pinole Fire                | Pinole    | New Source/Standby Diesel Generator              |
| 7693   | APPL   | Chevron Products Company           | Richmond  | APP:Operate Heavy Oil Transloading Operations    |
| 7694   | APPL   | Martinez Refining Company          | Martinez  | Change of Conditions                             |
| 7704   | APPL   | Kaiser Permanente - Region         | Richmond  | New Facility/Standby Diesel Generator            |
| 7713   | APPL   | Martinez Cogen Limited Partnership | Martinez  | Title V  |
| 7720   | APPL   | Chevron Products Company           | Richmond  | Change of Permit Condition                       |
| 7736   | AC     | Pacific Gas and Electric           | Antioch   | GDF - EVR upgrade (10K, 2 spn, bal, EVR)         |
| 7748   | AC     | BP Station #11152                  | ARCH      | GDF - EVR upgrade (2x10K, 8K, 24 spn, Gil, EVR)  |
| 7750   | APPL   | Saint Mary's College of California | Moraga    | New Source: Emergency Generator                  |



|      |      |                                |           |  |
|------|------|--------------------------------|-----------|--|
| 7756 | APPL | Chevron Products Company       | Richmond  | Change of Permit Condition                         |
| 7760 | APPL | Criterion Catalysts Company    | Pittsburg | Change of condition                                |
| 7768 | APPL | Tesoro Refining and Market     | Martinez  | Modification                                       |
| 7770 | APPL | Martinez Refining Company      | Martinez  | APP:Replacement Project                            |
| 7771 | APPL | Martinez Refining Company      | Martinez  | New Source: Temporary Supplemental Baghouse        |
| 7773 | APPL | USS-POSCO Industries           | Pittsburg | Cold Cleaner & Exemption Siloxane                  |
| 7774 | APPL | Criterion Catalysts Company    | Pittsburg | Notification Requirement of Changes                |
| 7776 | APPL | Tesoro Refining and Market     | Martinez  | New Source: Canal Fire Water Pump                  |
| 7778 | APPL | Chevron Products Company       | Richmond  | Change of Permit Condition                         |
| 7781 | APPL | Marble Shop, Inc               | Pittsburg | Change of Conditions                               |
| 7789 | APPL | Martinez Refining Company      | Martinez  | Modification                                       |
| 7805 | APPL | The Home Depot                 | Hercules  | Emergency Back-up Generator                        |
| 7807 | APPL | Point Richmond R & D Associate | Richmond  | Emergency Standby Generator                        |
| 7808 | APPL | Wareham Property Group -       | Richmond  | Emergency Standby Generator Set                    |
| 7813 | APPL | Bio-Rad Laboratories           | Richmond  | Modification/S-102, S-103 & S-104                  |
| 7824 | APPL | Onyx Industrial Services       | Hercules  | New Facility/Mobil Vapor Treatment Unit            |
| 7825 | APPL | Chevron Products Company       | Richmond  | Change of Conditions/S-3214,S-3213,S-3201 & S-1635 |
| 7827 | APPL | Berlex Laboratories, Inc       | Richmond  | Replacement/Pathological Incinerator               |
| 7830 | APPL | Kaiser Permanente              | Richmond  | Loss of Exemption                                  |
| 7831 | APPL | Tinsley Laboratories, Inc      | Richmond  | New Source/Vapor Degreaser                         |

## Permit Activity for Marin County

| App. # | Status | Company Name                    | City         | Project Title                                 |
|--------|--------|---------------------------------|--------------|---|
| 7432   | PO     | City of San Rafael              | San Rafael   | GDF - new facility                            |
| 7681   | AC     | UNOCAL Service Station #7       | San Rafael   | GDF-EVR upgrade (12K, 2x10K, 8 tpn, Gil, EVR) |
| 7692   | APPL   | Marin Municipal Waster District | Novato       | New Source/Emergency Standby Generator        |
| 7729   | APPL   | Marin Sanitary Service          | San Rafael   | New Source/Odor Control System                |
| 7734   | APPL   | California Highway Patrol       | Corte Madera | GDF - Modification                            |
| 7747   | APPL   | Holiday Cleaners of America     | Novato       | New Source: Dry Cleaner                       |
| 7793   | APPL   | Peter's BP                      | San Rafael   | GDF--Mod (3x12K, 8 tpn, H800, EVR)            |
| 7833   | APPL   | WinCup Holdings, LP             | Corte Madera | Pre-Puff Storage Silos                        |

## Permit Activity for Napa County

| App. # | Status | Company Name               | City | Project Title                               |
|--------|--------|----------------------------|------|---|
| 5796   | PO     | Former Unocal Bulk Plant   | Napa | New Facility/Soil & Groundwater Remediation |
| 7468   | AC     | Ace Cleaners               | Napa | Dry Cleaning Machine                        |
| 7714   | APPL   | Cultured Stone Corporation | Napa | New Source/Cultured Stone                   |

## Permit Activity for San Francisco County

| App. # | Status | Company Name                   | City          | Project Title                               |
|--------|--------|--------------------------------|---------------|---|
| 7333   | PO     | Pacific Heights Towers Co      | San Francisco | New Facility/Cogeneration System            |
| 7427   | AC     | University of California       | San Francisco | Emergency Diesel Generator                  |
| 7449   | AC     | Exxon Company c/o ERI          | San Francisco | New Facility/Catalytic Oxidizer             |
| 7613   | AC     | Nella Oil Company              | San Francisco | GDF-EVR upgrade (15K, 10K,10 tpn, bal,EVR)  |
| 7665   | AC     | Tosco Marketing #3243          | San Francisco | GDF-EVR upgrade (2x12K, 8 tpn, Gil, EVR)    |
| 7673   | AC     | Unocal #0458                   | San Francisco | GDF-EVR upgrade (15K, 12K, 8 tpn, Gil, EVR) |
| 7698   | APPL   | Golden Grate Bridge            | San Francisco | Standby Emergency Generator                 |
| 7700   | APPL   | Bay-View Greenwaste Management | San Francisco | New Source/Tub Grinder                      |
| 7708   | APPL   | KTVU Partnership               | San Francisco | New Facility/Generator                      |
| 7709   | APPL   | Kron Television                | San Francisco | New Facility/Generator                      |
| 7711   | APPL   | K & Y Automotive, Inc          | San Francisco | New Facility/Spray Paint Booth              |

|      |      |                          |               |                                      |
|------|------|--------------------------|---------------|--------------------------------------|
| 7724 | APPL | Nella Oil Company        | San Francisco | GDF                                  |
| 7755 | APPL | NOP 560 Mission LLC      | San Francisco | New Source: Standby Generator        |
| 7759 | APPL | Sanitary Fill Company    | San Francisco | New Source: Fire Pump                |
| 7785 | APPL | Bartlett Cabinetry       | San Francisco | APP: New Source: Surface Coating     |
| 7787 | APPL | KGO-TV                   | San Francisco | New Source: Diesel Standby Generator |
| 7812 | APPL | Sanitary Fill Company    | San Francisco | New Source/Standby Generator         |
| 7816 | APPL | Pacific Gas And Electric | San Francisco | APP: New Source/Copier Duplicator    |
| 7821 | APPL | Northwest Airlines Inc   | San Francisco | Loss of Exemption                    |

### Permit Activity for San Mateo County

| App. # | Status | Company Name                           | City                | Project Title                                       |
|--------|--------|--|---------------------|---|
| 6019   | PO     | Sharon Heights Shell                   | Menlo Park          | GDF - Modification (3x12K,24 spn,Gil,EVR)           |
| 6636   | PO     | Glenborough Realty Trust               | San Mateo           | Diesel Generator                                    |
| 6658   | PO     | High Quality Custom Cabin              | Redwood City        | Spray Booth   |
| 6949   | PO     | Home Depot USA Inc                     | San Carlos          | New Facility/Generator                              |
| 7114   | PO     | Oracle Corporation                     | Redwood City        | Generator   |
| 7220   | PO     | Alexandria Real Estate Equities        | Burlingame          | Standby Generator                                   |
| 7367   | AC     | Provident Funding                      | Burlingame          | Generator   |
| 7605   | AC     | Marsh Road Chevron                     | Menlo Park          | GDF-mod (12K, 2x10K, 8 tpn, bal, EVR)               |
| 7609   | AC     | Nella Oil Company                      | South San Francisco | GDF-EVR upgrade (12K, 2x10K, 12 spn, bal, EVR)      |
| 7610   | AC     | Nella Oil Company/dba Olympian Oil     | Daly City           | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)            |
| 7611   | AC     | Nella Oil Company                      | Daly City           | GDF-EVR upgrade (2x12K, 8K, 16 tpn, bal, EVR)       |
| 7612   | AC     | Nella Oil Company                      | South San Francisco | GDF-EVR upgrade (12K, 8K, 2 spn, 8 tpn, bal, EVR)   |
| 7652   | AC     | Tosco Northwest Company                | San Bruno           | GDF-EVR upgrade (12K, 2x10K, 30 spn, 2 tpn, Gil, E) |
| 7655   | AC     | L & S Auto Service                     | Burlingame          | GDF-EVR upgrade (10K, 2x8K, 18 spn, bal, EVR)       |
| 7658   | AC     | Unocal #0109                           | San Bruno           | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)            |
| 7659   | AC     | Burlingame 76                          | Burlingame          | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)            |
| 7660   | AC     | Tosco Northwest Company                | Burlingame          | GDF-EVR upgrade (12K, 10K, 6K,24 spn, bal, EVR)     |
| 7662   | AC     | Tosco Marketing Unocal #0670           | Burlingame          | GDF-EVR upgrade (2x10K, 4 tpn, Gil, EVR)            |
| 7664   | AC     | Tosco Northwest Company                | San Bruno           | GDF-EVR upgrade (10K, 6K, 8K, 24 spn, Gil, EVR)     |
| 7666   | AC     | Unocal #6390                           | San Mateo           | GDF-EVR upgrade (2x12K, 10 tpn, bal, EVR)           |
| 7667   | AC     | Tosco Fac#5898                         | Pacifica            | GDF-EVR upgrade (2x12K, 12 tpn, bal, EVR)           |
| 7669   | AC     | Gus' Unocal Service Station            | Burlingame          | GDF-EVR upgrade (3x12K, 8 tpn, bal, EVR)            |
| 7671   | AC     | Fifth Avenue Unocal #3810              | Redwood City        | GDF-EVR upgrade (15K,12K, 12 tpn, Gil,EVR)          |
| 7677   | APPL   | Meyers Development Company             | S. San Francisco    | New Source/Emergency Generator                      |
| 7707   | APPL   | HMS Gateway Office LP                  | S. San Francisco    | New Facility/Generator                              |
| 7718   | APPL   | Veterans Administration Medical Center | Menlo Park          | Emergency Generators                                |
| 7722   | APPL   | Tyco Electronics Corporation           | Menlo Park          | New Source/Feeder System                            |
| 7727   | APPL   | ALZA Corporation                       | Menlo Park          | New Source/Coating Station                          |
| 7751   | APPL   | Natus Medical                          | San Carlos          | New Source:Emergency Generator                      |
| 7763   | APPL   | BART SF Rapid Transit District         | S. San Francisco    | New Source: Standby Emergency Generator             |
| 7764   | APPL   | BART SF Rapid Transit District         | S. San Francisco    | New Source: Standby Emergency Generator             |
| 7765   | APPL   | Bay Area Rapid Transit District        | Millbrae            | New Source: Standby Emergency Generator             |
| 7782   | APPL   | Granite Rock                           | Redwood City        | New source: Asphaltic Concrete Drum Mix Plant       |
| 7786   | APPL   | Tyco Electronics Corporation           | Menlo Park          | APP:New Soure: Bulk Bag Weigh-up System             |
| 7795   | APPL   | Hertz                                  | S. San Francisco    | GDF--mod  |

|      |      |                              |                  |   |
|------|------|------------------------------|------------------|---|
| 7797 | APPL | Kelly-Moore Paint Co, Inc    | San Carlos       | Paint Holding Tank                          |
| 7810 | APPL | Point Biomedical             | San Carlos       | New Facility/Tank Solvent Exhaust Abatement |
| 7829 | APPL | Genentech, Inc               | S. San Francisco | Standby Diesel Generator                    |
| 7832 | APPL | Former Exxon Service Station | San Bruno        | New Facility/Groundwater Recovery System    |

## Permit Activity for Santa Clara County

| App. # | Status | Company Name                          | City          | Project Title                                    |
|--------|--------|---------------------------------------|---------------|--|
| 2132   | PO     | Costco Wholesale                      | Sunnyvale     | GDF - add disp. (3x20K, 16 dpn, Gil)             |
| 3465   | PO     | World Oil Marketing Co Station        | San Jose      | New Facility/SVE                                 |
| 4677   | PO     | Community Hospital of Los Gatos, Inc. | Los Gatos     | New Source/Generator                             |
| 5135   | PO     | Shell Service Station c/o             | San Jose      | New Facility/SVE                                 |
| 6401   | PO     | Equiva Services LLC c/o Co            | San Jose      | Soil Vapor Extraction                            |
| 6505   | PO     | K R Anderson Co Inc                   | Morgan Hill   | New Facility/Generator                           |
| 6575   | PO     | Arco Service Station #218             | San Jose      | GDF - Modification (3x12K, 8 tpn, bal, EVR)      |
| 6576   | PO     | ARCO Facility #06044-BP               | San Jose      | GDF - Modification (4x10K, 8 tpn, bal, EVR)      |
| 6785   | AC     | Tesoro Refining & Market              | San Jose      | New Facility/Thermal Treatment System            |
| 6885   | PO     | ARCO Facility #05334 - HO             | Sunnyvale     | GDF - Modification (3x12K, 16 tpn, bal, EVR)     |
| 6933   | AC     | Stanford University                   | Palo Alto     | New Source/Standby Emergency Generator           |
| 6974   | PO     | Cable & Wireless                      | Santa Clara   | New Facility/Generators                          |
| 7011   | AC     | Stanford University                   | Palo Alto     | Generator  |
| 7099   | PO     | Rotten Robbie #43                     | San Jose      | GDF - Modification (20K, 2x12K, 8 tpn, bal, EVR) |
| 7160   | AC     | San Jose Civic Center                 | San Jose      | Generator  |
| 7196   | AC     | Nexion Inc                            | San Jose      | Generator  |
| 7196   | PO     | Nexion Inc                            | San Jose      | Generator  |
| 7211   | EXE    | Vogue Cleaners                        | Mountain View | Dry Cleaning Machine                             |
| 7286   | APPL   | Huizar Refinishing                    | Santa Clara   | New Facility/Paint Shop Electronic Components    |
| 7303   | PO     | Adaptec                               | Milpitas      | Diesel Generator                                 |
| 7328   | AC     | San Jose Water Company                | San Jose      | Generator  |
| 7423   | AC     | Jeff Kwok                             | San Jose      | New Facility/Soil Vapor Extraction               |
| 7436   | PO     | DeAnza College                        | Cupertino     | GDF  |
| 7490   | AC     | Stanford Hospital & Clinics           | Palo Alto     | New Source/Diesel Generator                      |
| 7500   | PO     | Race St Foods                         | San Jose      | GDF - new facility                               |
| 7535   | AC     | Unocal #7390                          | San Jose      | GDF-EVR upgrade (15K, 12K, 10 tpn, Gil, EVR)     |
| 7536   | AC     | Unocal #5925 (J&D Story R             | San Jose      | GDF--EVR upgrade (2x12K, 8 tpn, Gil, EVR)        |
| 7552   | AC     | Unocal\Union Oil Co of California     | Palo Alto     | GDF - EVR upgrade (2x12K, 10 tpn, bal, EVR)      |
| 7578   | APPL   | Hanson Permanente Cement              | Cupertino     | Quarry Blasting & Mobile Operations              |
| 7590   | AC     | Stanford University                   | Palo Alto     | New Source/Diesel Emergency Generator            |
| 7608   | AC     | ARCO Facility #05370                  | Campbell      | GDF--modification (4x10K, 8 tpn, bal, EVR)       |
| 7650   | APPL   | World Oil Marketing                   | San Jose      | GDF--throughput (school)                         |
| 7674   | AC     | Unocal Service Station #6080          | Cupertino     | GDF-EVR upgrade (2x12K, 12 tpn, Gil, EVR)        |
| 7675   | AC     | Unocal #5444                          | San Jose      | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)         |
| 7682   | AC     | Unocal Service Station #4821          | Sunnyvale     | GDF-EVR upgrade (2x12K, 8 tpn, bal, EVR)         |
| 7683   | AC     | Unocal #4315                          | Sunnyvale     | GDF-EVR upgrade (2x12K, 8 tpn, Bal, EVR)         |
| 7684   | AC     | Unocal Service Station #6897          | Santa Clara   | GDF-EVR upgrade (2x12K, 10 tpn, bal, EVR)        |
| 7685   | AC     | Unocal Service Station #4425          | Santa Clara   | GDF-EVR upgrade (3x10K, 8 tpn, Gil, EVR)         |
| 7686   | AC     | BP Service Station                    | San Jose      | GDF-EVR upgrade (12K, 2x10K, 8 tpn, Gil, EVR)    |
| 7687   | AC     | Unocal #7001-Dewey's Union            | San Jose      | GDF-EVR upgrade (2x12K, 10 tpn, Gil, EVR)        |
| 7688   | AC     | Unocal #6231                          | San Jose      | GDF-EVR upgrade (2x12K, 14 tpn, bal, EVR)        |
| 7690   | AC     | Tosco Fac# 4959                       | San Jose      | GDF-EVR upgrade (2x12K, 8 tpn, Gil, EVR)         |
| 7695   | AC     | Gill's Union 76                       | San Jose      | GDF-EVR upgrade (2x12K, 8 tpn, Gil, EVR)         |
| 7696   | AC     | Unocal #5661                          | Mountain View | GDF-EVR upgrade (20K, 15K, 12 tpn, bal, EVR)     |
| 7699   | APPL   | Prodigy Surface Tech, Inc             | Santa Clara   | New Source/Fume Scrubbers                        |
| 7702   | APPL   | Seagate Technology                    | Milpitas      | New Source/Standby-by Engine Generator           |

|      |      |                           |               |  |
|------|------|---------------------------|---------------|--|
| 7717 | APPL | Veterans Administration M | Palo Alto     | Emergency Generators                         |
| 7719 | APPL | Hitachi Global Storage Te | San Jose      | New Sources/Deco Washers                     |
| 7721 | APPL | Andy's Pacific Molds      | Milpitas      | New Source/Surface Coating                   |
| 7726 | APPL | ALZA Corporation          | Mountain View | New Source/Emergency Standby Generator       |
| 7728 | APPL | Applied Materials         | Sunnyvale     | New Source/Cold Cleaner Solvent Sink         |
| 7739 | APPL | Foxworthy Gas             | San Jose      | GDF - modification (2x12K, 12 tpn, bal, EVR) |
| 7741 | APPL | Evergreen Valero          | San Jose      | GDF - modification                           |
| 7742 | APPL | Town & Country Gas Depot  | San Jose      | GDF - throughput                             |
| 7746 | APPL | Westwood Chevron          | Gilroy        | GDF-throughput                               |
| 7749 | APPL | Sun Circuits              | Santa Clara   | New source:Ink silk screening                |
| 7753 | APPL | City of Milpitas          | Milpitas      | New Source: Diesel Engine Generator          |
| 7754 | APPL | Stanford University       | Palo Alto     | New Source: Standby Diesel Generator         |
| 7758 | APPL | Varian Oncology Systems   | Palo Alto     | New Source: Diesel Engine Generator          |
| 7766 | APPL | Pacific Gas & Electric    | Santa Clara   | APP:New Source: Emergency Generator          |
| 7767 | APPL | Twinsolutions LLC         | Santa Clara   | New Source: Cd Manufacturer                  |
| 7780 | APPL | KLA Tencor                | Milpitas      | New Source: Wipe Cleaning                    |
| 7784 | APPL | P 2000 Auto Body          | San Jose      | New Source/Spray Booth                       |
| 7794 | APPL | Santa Teresa Water Treatm | San Jose      | Diesel Engine for generator                  |
| 7799 | APPL | World Oil Marketing Compa | San Jose      | GDF-EVR upgrade                              |
| 7800 | APPL | World Oil Company         | San Jose      | GDF--EVR upgrade                             |
| 7801 | APPL | World Oil Marketing       | San Jose      | GDF--EVR upgrade                             |
| 7802 | APPL | World Oil Company         | Sunnyvale     | GDF--EVR upgrade                             |
| 7803 | APPL | World Oil Marketing Compa | San Jose      | GDF--EVR upgrade                             |
| 7811 | APPL | USA Gasoline c/o Lowney A | San Jose      | New Source/Soil Vapor Extraction             |
| 7815 | APPL | Stanford University       | Palo Alto     | Standby Diesel Emergency Generator           |
| 7820 | APPL | Pacific Gas & Electric Co | Santa Clara   | Emergency Generator Engine                   |
| 7822 | APPL | Y2K Auto Body             | San Jose      | New Facility/Spray Booth                     |
| 7826 | APPL | Hewlett-Packard Company   | Palo Alto     | New Source/Cold Cleaner                      |
| 7828 | APPL | Stanford University       | Palo Alto     | Diesel Emergency Generators                  |
| 7835 | APPL | Kirby Canyon Landfill     | Morgan Hill   | Modification/Gas Collection System           |

## Permit Activity for Solano County

| App. # | Status | Company Name              | City        | Project Title                                 |
|--------|--------|---------------------------|-------------|---|
| 5119   | PO     | Marine World Chevron      | Vallejo     | GDF-new facility (20K, 12K, 12 tpn, bal, EVR) |
| 6453   | AC     | City of Fairfield         | Fairfield   | New Source/IC Engine                          |
| 7163   | AC     | Vallejo Sanitation & Floo | Vallejo     | Emergency Pump                                |
| 7287   | APPL   | Solano Garbage Company    | Fairfield   | New Facility/Spray Booth                      |
| 7447   | AC     | BP GEMM Arco Gasoline Ser | Vallejo     | New Facility/Soil Vapor Extraction            |
| 7493   | AC     | Park Place Cleaners       | Fairfield   | Dry Cleaning Machine                          |
| 7647   | AC     | Circle K #1527            | Fairfield   | GDF-EVR upgrade (3x10K, 12 tpn, Gil, EVR)     |
| 7653   | AC     | Conoco #30266 -- United B | Vallejo     | GDF-EVR upgrade (12K,2x10K,24 spn,bal,EVR)    |
| 7706   | APPL   | Picon Inc                 | Benicia     | New Facility/Fiberglass                       |
| 7731   | APPL   | Anheuser-Busch, Inc       | Fairfield   | Modification of throughput limits             |
| 7733   | APPL   | Unocal #256045            | Vallejo     | GDF - EVR upgrade (2x12K, 12 tpn, Gil, EVR)   |
| 7740   | APPL   | Unocal #6540              | Suisun City | GDF-EVR upgrade (15k,12k,12 TPN BAL,EVR)      |
| 7743   | APPL   | Safeway Store #0968       | Vallejo     | GDF - throughput RRM(school)                  |
| 7745   | APPL   | ARCO Facility #00761      | Vallejo     | GDF - modification                            |
| 7769   | APPL   | Ralphs-Pugh Company Inc   | Benicia     | New Source: Machinery                         |
| 7792   | APPL   | E-Z Stop Market           | Fairfield   | GDF   |

## Permit Activity for Sonoma County

| App. # | Status | Company Name              | City         | Project Title                              |
|--------|--------|---------------------------|--------------|--|
| 3378   | PO     | Coffey Piner Center Inc   | Santa Rosa   | GDF - new (20K, 12K/8Kd, 12 tpn, bal, EVR) |
| 6156   | PO     | Costco Gasoline Loc No 65 | Rohnert Park | GDF - throughput-RRM                       |
| 6244   | PO     | Chevron                   | Santa Rosa   | GDF - throughput                           |
| 6978   | PO     | Identity Services Inc     | Rohnert Park | Screen Printing Press                      |
| 7076   | PO     | Pacific Bell              | Rohnert Park | Generator                                  |

|      |      |                                 |              |  |
|------|------|---------------------------------|--------------|--|
| 7176 | PO   | Apex Envirotech Inc             | Sebastopol   | New Facility/Soil Vapor Extraction         |
| 7219 | PO   | Exxon Mobil c/o ERI             | Petaluma     | Catalytic Oxidizer                         |
| 7506 | AC   | B & S Auto                      | Santa Rosa   | New Facility/Soil Vapor Extraction         |
| 7544 | AC   | Union Oil Company of California | Santa Rosa   | GDF--EVR upgrade (2x12K, 12 tpn, Gil, EVR) |
| 7545 | AC   | Unocal #4935                    | Santa Rosa   | GDF--EVR upgrade (15K,12K,12 tpn,Gil, EVR) |
| 7644 | AC   | Freeman Toyota                  | Santa Rosa   | GDF--mod (AG: 1K, 2x.5K, 3 spn, bal)       |
| 7701 | APPL | Sichel's Auto Body              | Santa Rosa   | New Source/Spray Booth                     |
| 7703 | APPL | Dibble's Collision Works        | Santa Rosa   | New Facility/Spray Booth                   |
| 7725 | APPL | Exxon Company USA c/o ER        | Rohnert Park | New Source/Catalytic Oxidizer              |
| 7772 | APPL | Blake's Auto Body Inc           | Rohnert Park | New Source: Spray booth                    |
| 7804 | APPL | Kaiser Santa Rosa Medical       | Santa Rosa   | Emergency Generator                        |
| 7806 | APPL | Electrical Equipment Co I       | Petaluma     | New Facility/Steelman Bake Oven            |
| 7818 | APPL | Petaluma Gas Outlet             | Petaluma     | GDF - new facility                         |
| 7834 | APPL | Sonoma County Department        | Petaluma     | Landfill Gas Collection System             |

### **B A A Q M D Emission Bank**

#### **New Deposits, (tons/year): 6/1/03 through 7/2/03**

| No. | Certificate Owner                                     | PM | POC           | NOx | SO <sub>2</sub> | CO           | NPO<br>C | PM <sub>10</sub> |
|-----|---|----|---------------|-----|-----------------|--------------|----------|------------------|
| 889 | <b><u>U.S. Pipe &amp; Foundry Company</u></b>         |    | 24,300        |     |                 |              |          |                  |
| 891 | <b><u>Tesoro Refining &amp; Marketing Company</u></b> |    |               |     | 9.605           | 1.618        |          |                  |
|     | <u>Total of new deposits</u>                          |    | <b>24.300</b> |     | <b>9.605</b>    | <b>1.618</b> |          |                  |

|  |            |             |             |             |             |            |            |
|--|------------|-------------|-------------|-------------|-------------|------------|------------|
| <b><i>Balance of District Small Facilities Bank</i></b>  |            | <b>296</b>  | <b>324</b>  |             |             |            |            |
| <b>Total Emission Reduction Credits in District Bank</b> | <b>140</b> | <b>3077</b> | <b>2427</b> | <b>1206</b> | <b>1675</b> | <b>459</b> | <b>518</b> |

### **ABBREVIATIONS AND TERMINOLOGY**

|         |  |
|---------|--|
| AB      | [California] Assembly Bill                                     |
| ABAG    | Association of Bay Area Governments                            |
| AC      | Authority to Construct issued                                  |
| AG      | Above Ground   |
| APP     | Accelerated Permit Program                                     |
| APPL    | Application received   |
| AQE     | Air Quality Engineer   |
| ARB     | [California] Air Resources Board                               |
| ATCM    | Airborne Toxic Control Measure                                 |
| BAAQMD  | Bay Area Air Quality Management District                       |
| BACT    | Best Available Control Technology                              |
| BANKING | Applications to deposit or withdraw emission reduction credits |
| BAR     | [California] Bureau of Automotive Repair                       |

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|                 |   |
|-----------------|---|
| BARCT           | Best Available Retrofit Control Technology                      |
| BART            | Bay Area Rapid Transit District                                 |
| CAA             | [Federal] Clean Air Act   |
| CCAA            | California Clean Air Act [of 1988]                              |
| CCCTA           | Contra Costa County Transportation Authority                    |
| CEQA            | California Environmental Quality Act                            |
| CI              | Compression ignition [engines]                                  |
| CFCs            | Chlorofluorocarbons   |
| CMA             | Congestion Management Agency                                    |
| CMAQ            | Congestion Management and Air Quality [Improvement Program]     |
| CMP             | Congestion Management Program                                   |
| CO              | Carbon monoxide   |
| DPN             | Dual product nozzle (gasoline dispensing)                       |
| DV              | Design value  |
| EBTR            | Employer-based trip reduction                                   |
| EIR             | Environmental Impact Report                                     |
| ERC             | Interchangeable Emission Reduction Credit                       |
| EPA             | [United States] Environmental Protection Agency                 |
| EXE             | Permit Application deemed exempt                                |
| GDF             | Gasoline Dispensing Facility (Service Station)                  |
| GG              | Golden Gate   |
| HC              | Hydrocarbons  |
| HOV             | High-occupancy vehicle (carpool, bus, shuttle, etc.)            |
| hp              | horsepower  |
| HPMS            | Highway Performance Monitoring System                           |
| I&M             | [Motor Vehicle] Inspection & Maintenance ("Smog Check" program) |
| IC              | Internal combustion [engine]                                    |
| ICAO            | [United Nations] International Civil Aviation Organization      |
| ILEV            | Inherently Low Emission Vehicle                                 |
| JPB             | [Peninsula Corridor] Joint Powers Board                         |
| LAVTA           | Livermore-Amador Valley Transit Authority                       |
| LEV             | Low Emission Vehicle  |
| LOE             | Loss of Exemption   |
| LRT             | Light rail transit  |
| MMBTU           | Million British Thermal Units                                   |
| MPG             | Miles per gallon  |
| MTC             | Metropolitan Transportation Commission                          |
| MTOS            | Metropolitan Traffic Operations System                          |
| MTS             | Metropolitan Transportation System                              |
| NAAQS           | National Ambient Air Quality Standards                          |
| NO <sub>x</sub> | Nitrogen oxides, or oxides of nitrogen                          |
| NPOC            | Non-Precursor Organic Compounds                                 |
| NSR             | New Source Review   |
| O <sub>3</sub>  | Ozone   |

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|                      |  |
|----------------------|--|
| PM <sub>2.5</sub>    | Particulate matter less than 2.5 microns                                       |
| PM <sub>10</sub>     | Particulate matter (dust) less than 10 microns                                 |
| PM <sub>&gt;10</sub> | Particulate matter (dust) over 10 microns                                      |
| POC                  | Precursor Organic Compounds  |
| pphm                 | Parts per hundred million  |
| ppm                  | Parts per million  |
| PSI                  | Pollutant Standard Index   |
| PUC                  | Public Utilities Commission  |
| RFG                  | Reformulated gasoline  |
| ROG                  | Reactive organic gases (photochemically reactive organic compounds)            |
| RIDES                | RIDES for Bay Area Commuters   |
| RTC                  | Regional Transit Connection  |
| RTP                  | Regional Transportation Plan   |
| RVP                  | Reid vapor pressure (measure of gasoline volatility)                           |
| SB                   | [California] Senate Bill   |
| SCAQMD               | South Coast [Los Angeles area] Air Quality Management District                 |
| SCVTA                | Santa Clara Valley Transportation Authority                                    |
| SIP                  | State Implementation Plan (prepared for <i>national</i> air quality standards) |
| SO <sub>2</sub>      | Sulfur Dioxide   |
| SPN                  | Single product nozzle (gasoline dispensing)                                    |
| SVE                  | Soil Vapor Extraction  |
| TAC                  | Toxic Air Contaminant  |
| TCM                  | Transportation control measure   |
| TFCA                 | [BAAQMD] Transportation Fund for Clean Air                                     |
| TIP                  | Transportation Improvement Program   |
| TMA                  | Transportation Management Association  |
| TOS                  | Traffic Operations System  |
| TPN                  | Triple product nozzle (gasoline dispensing)                                    |
| tpd                  | tons per day   |
| USC                  | United States Code   |
| UV                   | Ultraviolet  |
| VMT                  | Vehicle miles traveled (usually per <i>day</i> , in a defined area)            |
| ZEV                  | Zero Emission Vehicle  |

**BAY AREA AIR QUALITY MANAGEMENT DISTRICT**  
**Interoffice Memorandum**

**TO:** Chairperson Haggerty and Members of the Board of Directors  
**FROM:** Mary Romaidis, Clerk of the Boards  
**DATE:** July 3, 2003  
**RE:** Quarterly Report of the Clerk of the Boards: April 1 – June 30, 2003

**RECOMMENDED ACTION**

This report is provided for information only.

**DISCUSSION**

Listed below is the status of minutes for the Board of Directors and Advisory Council and activities of the Hearing Board for the third quarter of 2003:

**Board of Directors**

| <b><u>Meeting Type</u></b>  | <b><u>Meeting Date</u></b> | <b><u>Status of Minutes</u></b>    |
|-----------------------------|----------------------------|------------------------------------|
| Regular Meeting             | April 2                    | Approved                           |
| Regular Meeting             | April 16                   | Approved                           |
| Regular Meeting             | May 7                      | Approved                           |
| Regular Meeting             | May 21                     | Approved                           |
| Regular Meeting             | June 4                     | Approved                           |
| Regular Meeting             | June 18                    | Minutes Completed/Pending Approval |
| Executive Committee         | April 30                   | Minutes Completed/Pending Approval |
| Budget & Finance Committee  | April 23                   | Approved                           |
| Budget & Finance Committee  | May 7                      | Minutes Completed/Pending Approval |
| Public Outreach Committee   | April 21                   | Approved                           |
| Public Outreach Committee   | June 16                    | Minutes Completed/Pending Approval |
| Mobile Source Committee     | April 10                   | Approved                           |
| Mobile Source Committee     | June 12                    | Minutes Completed/Pending Approval |
| Legislative Committee       | April 9                    | Approved                           |
| Legislative Committee       | June 9                     | Minutes Completed/Pending Approval |
| Stationary Source Committee | April 16                   | Approved                           |
| Stationary Source Committee | May 21                     | Minutes Completed/Pending Approval |
| Stationary Source Committee | June 18                    | Minutes Completed/Pending Approval |



**Advisory Council**

| <b><u>Meeting Type</u></b>     | <b><u>Meeting Date</u></b> | <b><u>Status of Minutes</u></b>    |
|--------------------------------|----------------------------|------------------------------------|
| Regular Meeting                | May 14                     | Minutes Completed/Pending Approval |
| Executive Committee            | May 14                     | Minutes Completed/Pending Approval |
| Technical Committee            | April 1                    | Approved                           |
| Technical Committee            | May 29                     | Minutes Completed/Pending Approval |
| Air Quality Planning Committee | May 27                     | Minutes Completed/Pending Approval |
| Public Health Committee        | April 14                   | Approved                           |
| Public Health Committee        | May 19                     | Approved                           |
| Public Health Committee        | June 30                    | Minutes Pending/Pending Approval   |

**Hearing Board**

1. During the Period April – June 2003, the Clerk’s Office processed and filed five Applications for Variance, one Emergency Variance and two Appeals.
2. During the Period April – June 2003, a total of \$35,580.36 was collected in excess emission fees.
3. The Clerk of the Boards staff attended and took minutes at a total of seven hearings and other discussions at the District facility.
4. On April 30, 2003, the Hearing Board Presented its Quarterly Report (January – March 2003) to the Board Executive Committee.
5. On May 8 and 9, 2003, three members of the Hearing Board and one Deputy Clerk attended a Joint Conference with the South Coast Air Quality Management District’s Hearing Board.
6. On June 26, 2003, the Hearing Board elected Thomas M. Dailey, M.D., as its Chair and Christian Colline, P.E., as its Vice-Chair.

Respectfully submitted,

Mary Romaidis  
Clerk of the Boards

FORWARDED \_\_\_\_\_

MR:hl  
6/16/03  
G/Board/Quarter.doc

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: William C. Norton  
Executive Officer/APCO

Date: July 10, 2003

Re: Report of the Mobile Source Committee Meeting of July 10, 2003

RECOMMENDED ACTIONS

The Committee recommends approval of staff recommendations on the Fiscal Year 2003/2004 TFCA County Program Manager projects listed on the attached staff report - Table 1.

DISCUSSION

The Mobile Source Committee met Thursday, July 10, 2003. Chairperson, Shelia Young will give a summary of the meeting.

BUDGET CONSIDERATION/FINANCIAL IMPACTS

None.

Respectfully submitted,

William C. Norton  
Executive Officer/APCO

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: William C. Norton  
Executive Officer/APCO

Date: July 8, 2003

Re: Clēaire Briefing on Advanced Emission Control Technologies

RECOMMENDED ACTION:

Receive and file.

BACKGROUND

Clēaire Advanced Emission Controls was founded in July, 2001 to develop and manufacture retrofit emission control systems for diesel engines. Clēaire's technologies curb air pollution and improve air quality by reducing harmful emissions generated by heavy-duty and stationary engines. Clēaire is a division of Cummins West, Incorporated, the exclusive distributor of Cummins engines for northern and central California. Headquarters are located in San Leandro, CA.

DISCUSSION

Kevin Shanahan, President and Brad Edgar, Vice President of Clēaire will provide the Board of Directors with a briefing on control technologies that reduce emissions from diesel engines to improve air quality.

**Clēaire Products**

*Longview*<sup>TM</sup> 25% NOx, 85% PM Reductions

The Longview is a muffler replacement unit that functions as a catalytic converter for diesel engines. The Longview is the first CARB verified system that provides simultaneous control of NOx, PM, HC, and CO emissions. Longview systems are currently in service on a wide variety of mobile vehicles, including transit buses, dump trucks, and refuse haulers.

*Flash and Match*<sup>TM</sup> 25% NOx, 25% PM Reductions

Cleaire reduces NOx and PM emissions by adjusting engine timing and adding a diesel oxidation catalyst (DOC) to 1993 to 1998 Cummins M11 electronically controlled diesel engines. The new timing is "flashed" into the engine's computer, effectively reducing NOx. The system was CARB verified in 2002.

BUGtrap<sup>TM</sup> 85% PM Reductions

The BUGtrap product line consists of diesel particulate filters designed to fit emergency standby generators. The BUGtrap uses an electric heater to consume particulate matter. The system delivers maximum (up to 85% or better) PM reduction, up to 90% HC and CO reductions, odor and noise reduction, and elimination of visible smoke.

FlexBase DOC™

25% Reductions

The FlexBase DOC is a passive catalyst in a modular metal housing that replaces the muffler. It is a flow-through structure that reduces PM, HC, CO, and odor. The DOC can be installed on almost any diesel engine, including 2-strokes.

### *Clēaire Project History*

- 658 Flash and Match systems installed in 2002
  - 303 tons of NOx reduced per year
  - 11 tons of PM reduced per year
  
- 1,700 Longview systems to be purchased and installed in the Bay Area by the end of fiscal year 2005, via June 25, 2003 MTC allocation of CMAQ funds\*
  - AC Transit – 727 systems
  - SamTrans – 209 systems
  - County Connection – 89 systems
  - Muni – 375 systems
  - Additional participation by other agencies
  - 456 tons NOx reduced per year
  - 55 tons PM reduced per year
  
- Development of regional programs to enable installation of the Longview on Bay Area refuse trucks
  - Proposed installation of 103 Longview systems in San Francisco, San Jose, and Gilroy
  
- 3 BUGtrap systems installed in 2003
  - Alameda County Courthouse – 6/13/03
  - Catalytica Energy systems – 6/27/03
  - BAAQMD Headquarters – by 8/1/03
  
- Donation of two FlexBase DOCs for school buses destined for San Felipe, Mexico\*

\* Press release attached.

Respectfully submitted,

William C. Norton  
Executive Officer/APCO

Prepared by: John Eagan

BAY AREA AIR QUALITY MANAGEMENT DISTRICT  
Memorandum

To: Chairperson Haggerty and Members  
of the Board of Directors

From: William C. Norton  
Executive Officer/APCO

Date: July 9, 2003

Re: Presentation on Implementation of Enhanced Smog Check in the Bay Area

RECOMMENDED ACTIONS

None. Informational only.

DISCUSSION

The Enhanced Smog Check program began in the Bay Area on July 1 2003, and is expected to be fully implemented on October 1 2003. The Bureau of Automotive Repair (BAR), which is part of the California Department of Consumer Affairs, is responsible for implementing the program. Mr. Rocky Carlisle of BAR is the coordinator for the Enhanced Smog Check program in the Bay Area and will make a presentation on the enhanced program to the Board of Directors. Mr. Carlisle has worked for the Bureau of Automotive Repair for the past seven years. He is a certified automotive technician, has a bachelors degree in computer information systems and is a part-time faculty members at Consumer River College.

BUDGET CONSIDERATION/FINANCIAL IMPACTS

None.

Respectfully submitted,

William C. Norton  
Executive Officer/APCO

Prepared by: Teresa Lee