

AQMD Adopts Updated Clean Air Plan For Southland

Calling on state and federal officials to aggressively accelerate their cleanup programs, at the August Governing Board Meeting the AQMD adopted an updated clean air blueprint for achieving air quality standards across Southern California by the end of the decade.

"This smog season – the worst in seven years – is a stark reminder that the war on smog is far from over," said Barry Wallerstein, executive officer of the AQMD.

"The state and federal government have sole authority over pollution sources responsible for 80 percent of the ozone-forming emissions in the Southland. The California Air Resources Board and the U.S. Environmental Protection Agency will have to ramp up their efforts to reduce emissions from trains, planes, ships, cars, trucks and other sources that AQMD does not have the authority to regulate," Wallerstein said.

In adopting the air quality plan, AQMD's Board:

- Committed to analyzing 12 additional long-term control measures, such as requiring the electrification of all cranes at ports;
- Set a target for distributing needed long-term emission reductions between AQMD, CARB and EPA;
- Forwarded to CARB and EPA a list of more than 30 specific measures for consideration to further reduce

emissions from on- and off-road mobile sources and consumer products.

The AQMP outlines the air pollution control measures needed to meet federal health-based standards for ozone by 2010, and for fine particulates, known as PM₁₀, by 2006. It also demonstrates how the federal standard for carbon monoxide, achieved for the first time at the end of last year, will be maintained. Lastly, the plan takes a preliminary look at what will be needed to achieve new and more stringent health standards for ozone and ultrafine particulates known as PM_{2.5}.

The 2003 Air Quality Management Plan identifies 26 air pollution control measures to be adopted by AQMD to further reduce emissions from businesses, industry and paints. It also identifies 22 measures to be adopted by CARB and the U.S. Environmental Protection Agency to further reduce pollution from cars, trucks, construction equipment, aircraft, ships and consumer products.

The air plan now will be forwarded to the state Air Resources Board for its review. If approved by the state at a public hearing on September 24, 2003 at AQMD's Diamond Bar headquarters, it will be sent to EPA for its final approval. To download a copy of the 2003 AQMP, visit our website at: www.aqmd.gov/aqmp/03aqmp.htm. For more information call Zorik Pirveysian at (909) 309-3133.

Stage One Episode Underscores Need To Accelerate Air Pollution Control Program

An unusually strong high pressure system this summer contributed to some of the poorest air quality in more than seven years.

On July 11, the region experienced its first Stage 1 smog episode since 1998. By early August, air quality had exceeded federal health-based standards on 44 days, nearly double the number in early August of 2002.

"Our geography, the presence of a very strong atmospheric inversion layer, and air pollution from all sources, from cars to trucks to consumer products, have elevated our smog to Stage 1 levels,"

said Barry Wallerstein, AQMD's executive officer.

"The first Stage 1 episode in five years underscores the need to aggressively pursue additional pollution control measures, especially for air pollution sources under federal and state jurisdiction."

A Stage 1 episode is declared when ozone levels reach a level of 0.20 parts per million during a one-hour average. At that level, most people will notice some adverse effects such as shortness of breath, and everyone is urged to avoid strenuous outdoor exercise. The federal one-hour ozone standard is exceeded

when ozone levels exceed 0.12 parts per million during a one-hour average.

Sources under federal and state jurisdiction include vehicles of all types, from cars to trucks, trains and ships and consumer products. Collectively they are responsible for about 80 percent of ozone-forming emissions. AQMD's Air Quality Management Plan calls on state and federal air quality agencies to speed up efforts to reduce emissions from these sources, which AQMD for the most part does not have the authority to regulate.

For more information call Joe Cassmassi at (909) 396-3155.

Cleaning the air
that we breathe...™



AQMD Comments on EPA's 8-Hour Ozone Standard

At its August 2003 meeting, the Governing Board approved submittal of AQMD comments to U.S. EPA regarding implementation of the new federal eight-hour ozone standard.

In 1997, U.S. EPA adopted a revised ozone standard intended to be more health-protective. Implementation of the revised standard was delayed by years of litigation challenging its adoption, but these cases have now been resolved to a point where U.S. EPA proposed in June 2003 a more specific rule that will set forth how the new standard will be implemented.

AQMD's submitted comments include the overall recommendation that as U.S. EPA shifts over to the new standard; it must also ensure that the South Coast region can maintain momentum toward healthful air quality.

The pending rulemaking has profound implications for the AQMD's air cleanup program. In particular, staff believes that U.S. EPA's proposal to revoke current attainment deadlines — if not carried out with appropriate safeguards — could result in reduced pressure on federal and state agencies to control emissions from sources within their regulatory jurisdictions, in a manner timely to South Coast residents.

Most significantly, the proposed rule would revoke the current one-hour standard — and its year 2010 attainment deadline for the South Coast District — and establish an attainment deadline for the eight-hour standard that could be as late as the year 2021.

In addition, extended attainment deadlines in areas around the country could exacerbate competitive disadvantages for businesses in the South Coast, and could diminish incentives to develop new emission control technologies.

The current federal ozone standard, adopted in 1979, is set at 0.12 ppm (parts per million parts of air), measured over one hour. The revised ozone standard will become 0.08 ppm, measured over an eight-hour period.

At the August Board meeting, AQMD Executive Officer Barry Wallerstein noted his concern that the one-hour standard's revocation should be an action subject to Congressional review and discussion, in the same way as the standard's enactment.

"If important changes are to be made to our regional attainment deadlines, we want that issue to be open for public comment and debate, rather than to occur by the stroke of a bureaucratic pen," he said. *For more information call Elaine Chang at (909) 396-3186.*

Community Tours Provide First-Hand Look at Environmental Justice Impacted Areas

As part of the 2002-03 Environmental Justice program enhancements approved by the Governing Board in September 2002, formal environmental justice awareness training was requested for AQMD staff members and Governing Board members. Senior management staff underwent a half-day classroom session followed by a "Toxics Tour" field visit. Board members participated in previous tours of heavily impacted communities.

The tours originated with the environmental organization Communities for a Better Environment. The goal was to increase public awareness of neighborhood air impacts through first-hand observation of incompatible siting situations which could benefit from actions to further protect vulnerable populations nearby.

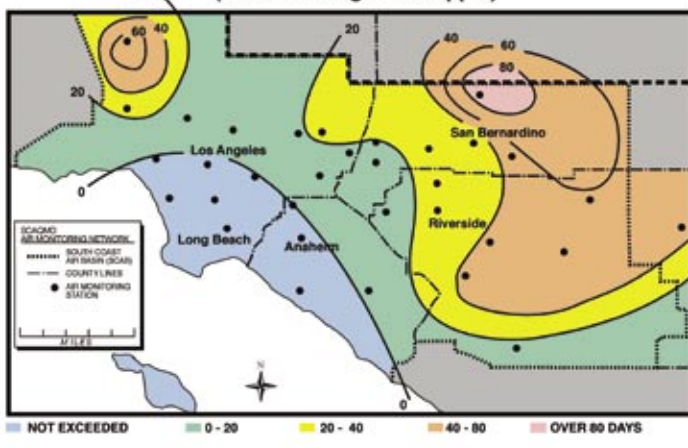
The visits entailed a narrated bus tour to selected community locations which had been the focus of past or ongoing environmental justice concerns, including schools sited near heavy industrial facilities or neighborhoods experiencing significant diesel emissions. The intent of the tours was to offer a bird's-eye acquaintance with various land-use situations which can bring adverse impacts to neighborhood quality of life. Tours were narrated by community representatives, accompanied by staff members familiar with compliance efforts in that area.

One tour went south along the 710 Freeway to Long Beach and Wilmington. Visitors observed refinery operations as well as diesel truck traffic heading to and from the Ports and the marine terminals where offloading occurs from tankers and container ships. The tour continued back through the Alameda Corridor, taking in views of railyard activity and stopping at elementary schools in Bell Gardens and South Gate, sited near metal plating operations.

The inland counties tour began in Mira Loma and continued to San Bernardino, to see the impact of increased truck traffic and warehouse facilities in both rural and urban communities. The tour continued to Glen Avon to view the Stringfellow Acid Pits, an abandoned toxic waste dump, which 25 years ago became an environmental issue that galvanized local residents to become more involved in policy development and enforcement. *For more information, contact Pom Pom Ganguli at (909) 396-3185.*

OZONE – 2002

Number of Days Exceeding the Federal Standard
(8-hour average > 0.08 ppm)



Standard

AQMD Funds Development of Zero- and Low-Emission Technologies

A zero-emission, fuel cell-powered water taxi and 10 ultra-low-emission sport utility vehicle limousines will be developed under projects approved this month by the South Coast Air Quality Management District.

"Pleasure boats and sport utility vehicles both are responsible for significant amounts of smog-forming emissions and thus present good opportunities for emission reductions through the development of clean air technologies." said Barry Wallerstein, AQMD's executive officer.

At its July meeting, AQMD's Governing Board approved \$101,000 to demonstrate a 30-foot water taxi for two years in Newport Harbor. Instead of being powered by a diesel engine, which can emit significant amounts of smog- and fine particulate-forming emissions, the taxi will use a zero-emission fuel cell to charge batteries for an electric motor.

The total project cost for the water taxi, including contributions from Duffy Boats and the Center for Commercial Deployment of Transportation Technologies at Cal State Long Beach, is \$781,000. Other team members participating in the project are Seaworthy Systems and Millennium Cell.

The Board also approved \$100,000 to convert 10 sport utility vehicles to low-emitting, compressed natural gas-fueled limousines. Evo Transportation Inc. of Los Angeles will convert 10 full-length GMC 2500 trucks into customized, CNG-powered limousines. The company, which already has converted one SUV to natural gas power, specializes in providing limousine service to high-profile clients in the entertainment industry. With contributions from Evo and GMC, the total project cost will be \$450,000. *For more information call Chung Liu at (909) 396-2105.*

AQMD Hosts Precautionary Principle Conference

The South Coast Air Quality Management District successfully hosted a conference on the Precautionary Principle on August 21, 2003 at its Diamond Bar headquarters.

The precautionary principle is an emerging concept. It advocates that when an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause-and-effect relationships are not fully established scientifically.

The conference brought together experts from environmental organizations, industry, academia and government to report on the latest scientific research findings, case studies, regulatory issues and the political atmosphere to discuss new challenges and opportunities. The general emphasis was on air quality and other topics relevant to Southern California. The workshop's open format encouraged an exchange of ideas between presenters and participants. *For more information call Debra Reed at (909) 396-3199.*



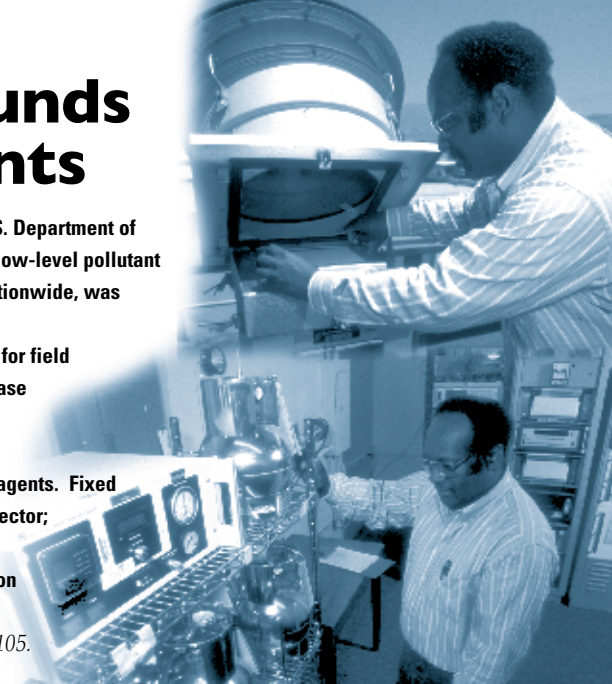
Federal Defense Grant Funds Air Monitoring Instruments

An AQMD grant application in the amount of \$900,000 has been approved by the U.S. Department of Defense (DoD) for the adaptation of urban air monitoring instruments to measure low-level pollutant concentrations. The funding, one of numerous homeland security investments nationwide, was recognized by the Governing Board at its August meeting.

With the funding, the AQMD will assess and, if necessary, modify various technologies for field analysis and sample collection to assist in detecting, characterizing, and quantifying a release of chemical agents.

Modifications would include enhancing computer software for analysis and dispersion modeling of compounds having the relatively heavier molecular weights of many chemical agents. Fixed assets covered under the funding include a gas chromatograph with mass spectrometer detector; open path remote-sensing technology; and canister sampling equipment with software.

The equipment would then be mounted in either a mobile unit or an air monitoring station for testing and evaluation. If found successful, it could be permanently housed in AQMD's existing Emergency Response Vehicle. For more information call Chung Liu at (909) 396-2105.



AQMD Outlines Steps to Further Address Cumulative Air Pollution Impacts

In fulfillment of an AQMD Governing Board directive, staff has prepared a document entitled "White Paper on Potential Control Strategies to Address Cumulative Impacts From Air Pollution," for the September Board meeting.

The phrase "cumulative air quality impacts" is often used to describe possible health and nuisance impacts potentially related to a neighborhood's cumulative emissions from sources that individually comply with AQMD, state and federal rules.

The White Paper was formulated with extensive input from a Working Group composed of industry, local government and environmental community representatives. Input was also incorporated from five Community Forums held throughout the four-county region. The report represents AQMD staff recommendations.

The multi-faceted approach consists of three major components: 1) a set of early action strategies, 2) revisions to AQMD's Air Toxics Control Plan, and 3) a planned update to the Multiple Air Toxics Exposure Study (MATES III).

The scope of the cumulative impacts reduction

strategy will include cancer risk, non-cancer impacts, a pilot program for odor control, and enhanced compliance efforts.

The document is an outgrowth of AQMD's Environmental Justice program, which seeks to identify and address localized air quality issues such as those brought to the agency's attention at Town Hall and community meetings.

Such issues have included concerns that the District's existing permitting, rules, and clean fleet programs may need enhancements to better address multiple exposures, as experienced in or near urban industrial settings, including those in or near low-income communities.

In neighborhoods near a relatively large number of industrial facilities, or located near heavy cross-town traffic, for example, there is concern about the accumulated effects of numerous emission sources operating within a limited area, particularly as related to air toxics, and when the group of sources is near residences, schools, or sensitive receptors. For more information call Jill Whynot at (909) 396-3104.

Clean Air Congress Membership Grows

Last month, membership cards were sent out to the members of the Clean Air Congress along with certificates for the family. The Clean Air Congress is a new AQMD-sponsored organization open to everyone in the South Coast region who is concerned about air pollution and the fight for clean air.

By being a member of the Clean Air Congress, members will receive a special magazine letting them know what's new with clean-air cars and other environmentally-friendly products, special programs they can be a part of, and important issues and legislation that could affect our air.

Membership provides opportunities to be a leader in developing new educational and outreach materials, personal invitations to join the AQMD at important health and environmental fairs, expos, and other special events. In addition, members will have a chance to meet their local, state, and federal elected representatives, and the AQMD Governing Board members.

Members can look forward to a webpage for the Clean Air Congress that is under construction, as well as the initial edition of a quarterly magazine produced expressly for the group. A toll-free 1-800-4-CLN-AIR number is up and running and an attendant will be happy to send you information about the Clean Air Congress. If you haven't already joined, call the number today, and join this FREE program, so that you, too can have a say in helping to clean that air that we breathe.

For more information call Janet Laiblin at (909) 396-2713.



Southern California Asthma Management Program Camp

The South Coast Air Quality Management District partnered with the American Lung Association of Orange County to help 102 asthmatic children attend the Southern California Asthma Management Program (SCAMP) Camp this year.

SCAMP camp provides an opportunity for asthmatic children to be in an outdoor setting, to play with other children and yet not be embarrassed about having to rely on medication and treatments in order to breathe. The week-long camp has an educational program each day to teach the children about asthma, its triggers and ways to help them deal with their asthma on their own. Nestled in the mountains near Julian, the camp features volunteer doctors and nurses who are available night and day to administer to the campers.

"Thanks to generous donation/sponsorships from groups like



AQMD, the ALA-Orange County was able to provide 100% of the children with scholarships to attend SCAMP Camp," said Rebecca Pimentel, Program Director of ALA-Orange County.

This year marked the 30th year for the SCAMP Camp program. Out of the 102 children that attended SCAMP camp this year, 68 were from Orange County, 20 were from Los Angeles County and 14 were from Riverside/San Bernardino. For more information call the American Lung Association of Orange County at (714) 835-5864.



AQMD Advisor

Reserve Now To Attend The 15th Annual Clean Air Awards

Individuals, companies and organizations will be honored for their outstanding efforts to clean up the Southland's air at the AQMD's 15th Annual Clean Air Award's ceremony on October 15, 2003 at the Millennium Biltmore Hotel in downtown Los Angeles.

Chairman William A. Burke and other AQMD officials will be on hand to pay tribute to those who have made significant contributions to cleaner air in the South Coast Air Basin over the past year.

Winners will be honored in the categories of Leadership in Government, Advancement of Air Pollution Technology, Innovative Transportation Projects, Public Education on Air Quality Issues, and Promotion of Good Environmental Stewardship.

The cost to attend the mid-day luncheon ceremony is \$35 per person, and \$350 for a table of 10. The RSVP deadline is October 10, 2003. For more information call Rainbow Yeung at (909) 396-3373.

Clean Air Data Is Now Available At Locations Throughout The South Coast

To help make air quality reports and data more accessible to local communities, the AQMD has established "Clean Air Data Depositories." The depositories contain information about policies and services that the AQMD has to offer. Each of the sites has a kit containing the following information:

- The AQMD Rule Book
- A California Environmental Quality Act (CEQA) manual
- An AQMD Subscription Services order form
- Public Records Request forms
- Current Public Workshop notices
- A copy of the most recent Hearing Board package and informational video
- The latest Governing Board Agenda
- Public Notices for local AB 2588 and Title V facilities
- The AQMD Advisor newsletter
- A list of Permitted Facilities within a 5 mile radius
- A copy of the 2003 Air Quality Management Plan, and
- Current requests for proposals.

The information is updated on a monthly basis.

Clean Air Data Depositories

Los Angeles County

City of Commerce
Commerce Central Library
5655 Jillson Street
Commerce, CA 90046

Downtown L.A.

Richard J. Riordan Library
Science, Technology & Patent Department
630 W. Fifth Street
Los Angeles, CA 90071

Pacoima

Pacoima Beautiful
(Pacoima Community Center Building)
11243 Glenoaks Boulevard,
Suite #3
Pacoima, CA 91331

Pico Rivera

Pico Rivera Library
9001 Mines Avenue
Pico Rivera, CA 90660

South Central Los Angeles

A.C. Bilbrew Library
150 E. El Segundo Boulevard
Los Angeles, CA 90061

Wilmington

Wilmington Main Library
1300 N. Avalon Boulevard
Wilmington, CA 90744

Orange County

Mission Viejo
Mission Viejo Library
100 Civic Center
Mission Viejo, CA 92691

Santa Ana

American Lung Association
1570 E. 17th Street, Suite F
Santa Ana, CA 92705

Riverside County Riverside

Riverside Main Library
3581 Mission Inn Avenue
Riverside, CA 92501

Palm Desert

College of the Desert Library
73300 Fred Waring Drive
Palm Desert, CA 92260

San Bernardino County San Bernardino

Paul Villasenor Library
525 Mount Vernon Avenue
San Bernardino, CA 92411

RULE UPDATE

The following proposed and amended rules and regulations are tentatively scheduled for hearing at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, check the Rule and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500.

October 2003



Oil Field Production Wells (Rule 1148.1) This proposed rule will reduce VOC emissions from equipment used in oil and gas production operations that is not regulated by other source specific rules. *For more information, call Larry Bowen at (909) 396-2575.*



Adhesive and Sealant Applications (Rule 1168) These proposed amendments will address State Implementation Plan approval issues identified by the U.S. EPA. *For more information, call Larry Bowen at (909) 396-2575.*



Credit Generation for Construction Equipment (Rule 1635) This proposed rule will allow voluntary credit generation for construction equipment. *For more information, call Jill Whynot at (909) 396-3104.*



On-Road Motor Vehicle Mitigation Options (Rule 2202) This proposed amendment will update emission factors for use in emission reduction calculations. *For more information, call Carol Gomez at (909) 396-3264.*

November 2003



Architectural Coatings (Phase III) (Rule 1113) This proposed amendment will lower the VOC limits for several coating categories and seek emission reductions from clean-up solvents currently exempt. *For more information, call Larry Bowen at (909) 396-2575.*



Emission Reductions from Livestock Waste (Rule 1127) This proposed rule seeks to reduce ammonia and VOC emissions from livestock waste. *For more information, call Zorik Pirveysian at (909) 396-3133.*



Further Control of VOC Emissions from High Emitting Spray Booth Facilities (Rule 1132) These proposed amendments will address State Implementation Plan approval issues identified by the U.S. EPA. *For more information, call Larry Bowen at (909) 396-2575.*



Plastic, Rubber, and Glass Coatings (Rule 1145) These proposed amendments will further reduce emissions and address compliance difficulties with specific applications of clear coatings. *For more information, call Larry Bowen at (909) 396-2575.*



Solvent Cleaning Operations (Rule 1171) These proposed amendments will reduce VOC emissions from clean up of architectural coating application equipment. *For more information, call Lee Lockie at (909) 396-2390.*



Intermodal Equipment (Rule 1198) This proposed rule will address emissions from intermodal equipment (i.e. yard hostlers). *For more information, call Zorik Pirveysian at (909) 396-3133.*



Furniture Stripping Operations (Rule 1437) This proposed rule will reduce methylene chloride emissions from furniture stripping operations. *For more information, call Jill Whynot at (909) 396-3104.*



RECLAIM (Regulation XX) These rule amendments propose the reentry of power producing facilities into the Regional Clean Air Incentives Market program. *For more information, call Jill Whynot at (909) 396-3104.*



AQMD's Laboratory Detectives—Yesterday and Today

The year is 1960. Inside the Los Angeles Air Pollution Control District headquarters rests a section of the building where the dress code consists of a lab coat and goggles. Calibrated to extreme precision, delicate equipment analyze the sometimes invisible samples of air pollutants that are brought through the doors daily. Inspectors venture into the community in district cars and collect samples for analysis. Fast forward to the South Coast Air Quality Management District of 2003, and you'll see that not much has changed. Chemists still wear the lab coat, the instruments must still meet strict criteria, and AQMD vehicles still cover Los Angeles as well as adjacent counties. Granted, the instruments have been replaced with cutting-edge gas chromatography equipment and AQMD cars are clean-burning natural gas-fueled Toyotas, but the AQMD lab still ranks as one of the most technologically advanced laboratories, not only in California, but also in the world.

The AQMD laboratory has remained an integral portion of the organization since the inception of the Los Angeles APCD in 1947. The experimental lab technology of that period caused some problems, however. The gas chromatographs, which analyze the vapor samples and separate them into components, utilized an elongated small-diameter stainless steel wire called a "column" that had to be crafted by hand. Although these columns are so thin today that it is impossible to handcraft them, modern computer-controlled gas chromatographs still utilize the same principles.

The introduction of computers is arguably the greatest discrepancy from yesterday's lab and today's. While the early computers had unavoidable glitches, today's computers provide detailed reports of the constituent parts of air samples, formerly a chemist's work. In addition, precision of the results has increased exponentially. And although it could be argued that the computers have eliminated the human element, this great increase in data results in a greater reliance on the chemist to perform intensive quality assurance tests, proving that the analyses will continue to increase in precision and accuracy in the years to come.

For now, the instruments here will remain calibrated to pinpoint precision, and the chemists here will continue to stare at computer monitors. The AQMD laboratory has considerably evolved since the 1940s, but still provides a key service to the most polluted region in the country. Yet, with technology that continues to advance and willing chemists, the lab continues to change, performing innovative analyses for an ever-growing and ever-changing population. *For more information call Rudy Eden at (909) 396-2391.*



Clean Air PEOPLE

Meet the diversely talented people who work at the AQMD.

Lou Yuhas



In October 1948 in the small town of Donora, Pennsylvania, an incident occurred that would mark the life of young Lou Yuhas and forever change American attitudes toward air pollution.

In what would turn out to be one of this country's worst pollution disasters, 20 people were killed and 6,000 sickened from factory smoke trapped by a temperature inversion. The disaster would eventually help spark a national clean-air movement.

As a chemical engineer newly graduating from the University of Pittsburgh at the time, one of Lou's first jobs was to determine how to control emissions from the local zinc smelter while maintaining valuable steel-industry jobs.

Lou then detoured to pursue a love for flight, joining the U.S. Army Air Corps. He earned masters degrees in aeronautical engineering and engineering management from the U.S. Air Force Institute of Technology, and built a distinguished military record.

Lou served for thirty years as a command pilot, over a span of three wars. His duties ranged from flying the legendary B-17 Flying Fortress in World War II, to the B-26 in Korea and to the "Jolly Green Giant" rescue helicopter risking his life while rescuing downed pilots in the jungles of Vietnam.

Following retirement from the military, Lou started a new career with the AQMD in April 1977, working as a Permit Processing Engineer. He later worked extensively on RECLAIM program development as well as early development and implementation of landmark aqueous solvent cleaning rules.

Using his skills as a developer for the B-58 and C-5 aircraft, he places an extreme emphasis on performance, applying the same high-quality approach to pollution controls that he once applied to aircraft.

Lou met his wife when she worked as a nurse in the same Donora plant that he would later recall as a source of inspiration for air quality efforts. He is a proud father of two, grandfather of five, and remains a diligent and dedicated employee.

Stacy Spencer



What makes the District such an enjoyable working community are hard-working, dedicated and enthusiastic people like Stacy Spencer. Stacy has had many jobs during her 14 years at AQMD and currently is a Secretary in the office for Refinery, Energy and RECLAIM Administration, in the Engineering and Compliance Division.

"There's never a dull moment," she says. "I have a dynamic boss who empowers me and those around."

Stacy first became interested in AQMD while working at the Internal Revenue Service in El Monte, adjacent to AQMD's former headquarters. A friend of hers informed her that "the place next

door" was hiring and Stacy was quickly hired by the AQMD. She started as a radio telephone operator while working through school, became an office assistant and, in 1990, became a secretary.

"I wanted to go into radio initially, but I really enjoyed my job here. I have found the District to be a place that I have really been able to learn and grow and, after working with the same great people for years, have found that not only have I grown, but others have grown around me."

Today, Stacy has a bachelor's degree from Cal Poly Pomona in public relations and an associate's degree from Chaffey College in journalism. She has a 14-year-old sister Ashlyee and a 9-year-old son Jeremy who, she says, "are future Clean Air people."

She still enjoys radio and music – and loves to sing – but also has become a very avid reader. She ultimately plans to pursue a master's degree in English literature from Claremont Graduate School and become a literature teacher, but she enjoys her job at AQMD too much to leave right now. "It's a noble cause, what we do. When you're lucky enough to do something you enjoy, it's always worth it."



Barbara Baird

AQMD Advisor

At the first Earth Day in 1970 while participating in her high school's activities, Barbara Baird was bitten by the environmental science bug. Luckily for us it stayed with her, as she found her way to the AQMD in 1989 and became a Senior Deputy District Counsel.

In October 2000, Barbara was selected as the District Counsel after serving for five years as principal deputy to the former General Counsel. Her current staff of 10 includes six staff attorneys and four support staff. She is responsible for all legal advice and litigation involving the AQMD, with the exception of enforcement matters. "I really enjoy working with my staff, my fellow Executive Council members and especially our Board Members. My job always has variety, challenges and opportunities to help people accomplish a worthwhile goal, and that is exactly what I like about working here at the AQMD," states Barbara.

Prior to working at the AQMD, Barbara served as Deputy County Counsel for the County of San Diego for eight years handling a wide variety of litigation and emphasizing land use and environmental issues. She represented the San Diego Air Pollution Control District in all enforcement and litigation issues, which was a perfect springboard to her job here at the AQMD. She holds two degrees from the University of Michigan: a Bachelors in Urban Studies, and a Juris Doctorate. She has also handled a number of published appellate decisions, including several in air pollution law.

In her personal pursuits, Barbara is a charter member of the AQMD "Speechless in South Coast" Toastmasters Club and has an interesting collection of jewelry from local artists. She enjoys visiting San Diego, where she has relatives and friends, and recently visited Cuba on a cultural exchange trip. Among her accomplishments are running a half marathon. She added, "I thank fellow Executive Council member Elaine Chang for talking me into joining a fitness club. I find that working out at a fitness club helps keep me mentally and physically fit for the rigors of my job."



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Briefly...

INTERNATIONAL ELECTRIC VEHICLE SYMPOSIUM & EXPOSITION

- November 15-19, Long Beach Convention Center

For a nominal fee, the general public can access the Exposition. Licensed drivers will have the opportunity to ride-and-drive battery, hybrid, and fuel cell vehicles on portions of the Long Beach Grand Prix route. For information, visit <http://www.evs20.org>.

RULE COMPLIANCE PROMOTION CLASSES

Forthcoming compliance classes will be held as follows:

Rule 403-Fugitive Dust

- September 17
 - November 12
- There is no fee, but pre-registration is required. Classes are held at AQMD headquarters. To reserve a space, call Sharon Fujimoto at (909) 396-2183.

Rule 461-Gasoline Transfer and Dispensing

Pre-registration is required for the following three classes. To reserve a space, download the registration form at www.aqmd.gov/comply/complclass.html or call Michele Martinez at (909) 396-3058.

Gasoline Transfer and Dispensing Annual Periodic Inspection

- November 13-14
- This two-day class will be held at AQMD Headquarters from 8:30 a.m. to 5:00 p.m. on the first day and from 8:30 a.m. to 1:00 p.m. on the second day. There is a \$100 registration fee, with pre-registration required.

Gasoline Transfer and Dispensing Tester Orientation Training

- November 6
- The classes are held from 8:30 a.m. to 5:00 p.m. at AQMD Headquarters. There is a \$100 class fee.

Daily Self-Inspection Class for Service Station Owners/Operators

- November 4

The classes are held from 8:30 a.m. to 4:00 p.m. at AQMD Headquarters. There is a \$30 class fee.

Rule 1403-Asbestos Demolition/Renovation Activities

- October 16
 - November 13
- The classes are held from 8:00 a.m. to 1:00 p.m. at AQMD Headquarters. There is a \$30 class fee. Registration can be arranged by calling (909) 396-2381 or by sending e-mail to jmoore@aqmd.gov.

EMPLOYEE COMMUTE REDUCTION PROGRAM TRAINING CLASSES

- October 1-2, Zenith Insurance Company, Woodland Hills
 - October 15-16, South Coast AQMD Headquarters, Diamond Bar
 - November 20-21, Orange County Transportation Authority, Orange
- Employee Commute Reduction Program Training classes

for new Employee Transportation Coordinators are held for two full days from 8:00 a.m. to 5:00 p.m. There is a \$51.25 registration fee. To reserve a space, call Lisa Patterson at (909) 396-2283.

AQMD Advisor

This bimonthly news publication is produced by the South Coast Air Quality Management District's (AQMD) Public Affairs Office. AQMD is the air pollution control agency for Orange County and major portions of Los Angeles, San Bernardino and Riverside counties. AQMD does not endorse or warrant any products, services or companies mentioned in this publication.

To subscribe, send your name and address to *AQMD Advisor*, AQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4182. For news updates and other information visit AQMD's website at www.aqmd.gov.

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