



SOUTHERN CALIFORNIA ALLIANCE OF  
PUBLICLY OWNED TREATMENT WORKS

# MONTHLY UPDATE

A Message from the Executive Director...

September 2005

I recently returned from a ten-day cruise of the British Isles. Aside from the long, tedious “to & fro” journeys in the “back of the bus” section of Virgin Atlantic Airlines, Marianne and I were in the general vicinity of the terrible bombings that occurred in London. Luckily, we were not exploring by land when they hit. A little background, we flew to London’s Heathrow airport on June 30<sup>th</sup>, arriving the afternoon of July first. We boarded the ship at the Port of Southampton, sailing that evening. The cruise was confined to a tour of the British Isles, visiting North and South Ireland, Scotland and Wales. The duration of the trip was ten days, returning to Southampton on July 11<sup>th</sup>, the day prior to our 47<sup>th</sup> wedding anniversary. (Can you believe that? She is truly a saint.) Marianne provided me with an anniversary card that she hand inscribed “happy 48<sup>th</sup>.” I noted the mistake, and being the thrifty lady that I married, she grabbed the card back and said, “It’ll work fine next year.”

Although this was your standard Princess cruise, the makeup of those sailing were not predominately American. We had various European Continent countries represented, along with U.K. folks, and of course, a wide array of “Yanks.”

Being a less than shy individual, I made it my business to chat with several of the passengers regarding the enormously tragic events that took place in London. Needless to say, I got a multitude of concerns voiced, including shock, disbelief, rage, etc. The one thing that came through, over and over again, was the observation that this type of event was predictable and long overdue. The scary thing that was repeatedly stated was that this was the beginning of the suicide bomber phase of terrorism that the Middle East has been experiencing for decades. Of course, the various references to other areas, with emphasis on Iraq, also came into play.

Every day, despite the planned activities/tours, etc., many eyes remained glued to the “telly” to keep up on the latest statistics of deceased and injured. As you know, since that time, the investigators have determined that all of the incidents were suicide bomber related. They have, of course, rounded up most of them but there may still be others out there who could follow these events up with more incidents, a frightening thought. Of course, this would no doubt carry over to the U.S.

You may have heard that our long term editor, after writing and editing some 118 issues of the *Monthly Update* has decided to pursue other interests and, with the August issue last month, has turned in her keyboard. We appreciate the fine work that Lisa has accomplished on behalf of SCAP and me personally. We have been together since the early part of the SCAP formation. Because Lisa has been so much a part of the *Monthly Update*, you will certainly notice the difference. However, we will struggle on and attempt to provide you, the membership, with a continuous update on SCAP activities, general information, and hopefully some humor.

## Upcoming Meetings

Air Quality Committee – Thursday, September 22, 10-Noon, LACSD.

Air Quality Specialty Workshop – “Engine Regulations 101” – Thursday, October 6, 8:30 am – 3 pm, OCSO (see article for more information).

Water Issues Committee – Thursday, September 29<sup>th</sup>, committee will meet at MWD for the Chlorine Policy Stakeholder meeting at 10 am.

Collection Systems Committee – Tuesday, September 13, at SJC Community Center, 9:30 am – 11:30 am. A meeting for South Orange County members regarding SWRCB’s Sanitary Sewer Overflow Reduction Program.

SCAP Board of Directors Follow-up Workshop – Tuesday, October 4, 10 am – 2 pm at OCSO.

In an interview with Lisa on her fond memories, her hopes for the future, and her business plans, Lisa shared some highlights of her years with SCAP. She takes pride in the work she did for the different committees of SCAP, the completion of the NPDES permit database, and the work she did for the Air Quality Committee, the Water Issues Committee and the Biosolids Committee.

Future hopes are that elected and appointed officials and their staffs rely less on ideology and more on scientific evidence in making their decisions. On a lighter side, she hopes that Mel Gibson makes a movie about biosolids entitled "The Garden of Eden," and that Carly Simon gives the rights for "Nobody Does It Better" to an ad campaign on the benefits of wastewater management.

For her future plans, she wants to take her 23 years of knowledge in the wastewater business and work on pretreatment, performance auditing, staffing compensation, contract operation, and the whole spectrum of cMOM issues.

Thank you Lisa for your years of service and dedication to the SCAP membership. We know you will succeed in all your pursuits.

The Aged Sailor,

Ray Miller

## Water Issues

### **Proposed Total Residual Chlorine and Chlorine Produced Oxidants Policy of California** by Chair Roger Turner

The State Water Resources Control Board (State Board) has developed a draft document for Total Residual Produced Oxidants Policy of California, dated April 2005. This policy proposes to establish a total residual chlorine objective in fresh water of 0.019 mg/L in 1-hr and a 4-day average of 0.011 mg/L. It also proposes a chlorine-produced oxidant objective in salt water at a 0.013 mg/L 1-hour average and a 4-day average of 0.0075 mg/L.

On July 7, 2005, the State Board held a scoping meeting to discuss the proposed chlorine policy and to identify the range of actions, alternatives, mitigation measures, and significant effects to be analyzed in depth and determine what elements can be eliminated from the proposed policy. This is a very complex and important policy that will have a significant affect on SCAP member agencies.

A notice was sent to stakeholders throughout California on August 26, 2005 notifying them of two stakeholder meetings to be held to further discuss the proposed policy and to gather more strategic input that will refine the proposed policy of April 2005.

One meeting that SCAP member agencies will want to attend will be held on September 29, 2005 from 10:00 A.M. to 2:00 P.M. at Metropolitan Water District of Southern California (MWD), downtown Los Angeles. Plan to attend this very important meeting and hear firsthand from State Board staff on what this new chlorine policy is about and offer your thoughts directly into this important process.

#### **Committee Chair Contact Info**

##### **Air Quality Chair:**

Dan McGivney –  
[dmcgivney@emwd.org](mailto:dmcgivney@emwd.org)

##### **Biosolids Chair:**

Diane Gilbert –  
[dlxg@san.lacity.org](mailto:dlxg@san.lacity.org)

##### **Collection Systems Chair:**

Nick Arhontes –  
[narhontes@ocsd.com](mailto:narhontes@ocsd.com)

##### **Water Issues Chair:**

Roger Turner –  
[turner@emwd.org](mailto:turner@emwd.org)

It is very important to review all the information available on this policy and evaluate the issues affecting your facility(s). You are encouraged to send comments to Dena McCann at the State Board. Ms McCann can be reached at (916) 323-9690. Information on the proposed Total Residual Chlorine and Chlorine Proposed Oxidants Policy of California can be found at the State Board's website at <http://www.waterboards.ca.gov/iswp/chlorine.html>

The SCAP Water Issues Committee will meet on September 29, 2005 at MWD. The purpose is to participate in the State Board's stakeholder meeting on the new chlorine policy. Issues discussed at this meeting will be incorporated into SCAP's comments to the State Board. If you cannot attend this meeting, send your comments to Roger Turner at [turnerr@emwd.org](mailto:turnerr@emwd.org), with a copy to the SCAP office at [info@scap1.org](mailto:info@scap1.org). The Water Issues Committee will not have an agenda.

### **NPDES Storm Water Program – Meeting of Storm Water Panel of Experts – SWRCB looking at feasibility of numeric limits in storm water permits**

On September 14 and 15, 2005, the State Water Resources Control Board will convene a meeting of experts on the NPDES Storm Water Program. The subject of the meeting is whether it is technically feasible to develop numeric limits or other quantifiable measures for inclusion in storm water permits. Industrial, construction and MS4 permits are the targets.

SCAP released a "Red" *Alert* seeking comments from our membership and will be presenting our collective comments to the panel on September 14<sup>th</sup>. On the 15<sup>th</sup>, the meeting is open for the public to listen to the panel of experts.

### **State Water Board Accepting Applications for Clean Water State Revolving Fund Loan Program (CWSRF)**

After 20 months of the CWSRF not taking new applications or processing existing loan projects, the SWRCB announced that they will pursue a bond to leverage the CWSRF program in order to make low interest loans available to local agencies for construction of wastewater, water recycling treatment works and non-point source. SCAP submitted formal comments to the Board on this issue, encouraging them to pursue the bond issue immediately. This bond will help our membership acquire the financial resources needed to comply with the requirements of the Clean Water Act and the State Porter-Cologne Act.

Information is available on the SWRCB website: [www.waterboards.ca.gov](http://www.waterboards.ca.gov). Contact Christopher Stevens, Chief of the Project Development Section at (916) 341-5698 or [cstevens@waterboards.ca.gov](mailto:cstevens@waterboards.ca.gov).

### **SCAP Following Sediment Quality Objectives Process for Implementation**

In responding to a court ordered time schedule, the State Water Resources Control Board (Water Board) is circulating a staff report summarizing their method for developing and adopting sediment quality objectives for enclosed bays and estuaries. The report also outlines the preliminary process for application and implementation of said objectives. These objectives will provide a mechanism that will differentiate sediments impacted by toxic pollutants from those that are not impacted.

In August, we e-mailed the SCAP membership a preliminary report on this topic. SCAP is reviewing this report and will be working closely with Chris Beegan, Water Board Program Manager, as a Draft Functional Equivalent Document and a draft Sediment Quality Plan move forward. Need a copy? Contact the SCAP office.

**Water Issues Committee Summer Workshop Presentations**

Presentations made as part of the July 27<sup>th</sup> special summer workshop on “Proactive Member Agency Action on TMDLs” are now available on the SCAP website at:

<http://www.scap1.org/reference/water/tmdl%20workshop>

## Air Quality

**Air Quality Committee Update** by Chair Dan McGivney

Internal combustion engines are possibly more heavily integrated into our agencies operations than one might think. We utilize stationary engines to power aeration blowers, water pumps, and electrical generators, plus portable engines to drive pumps, compressors, welders, and electrical generators, and we use on- and off-road vehicles powered by engines to carry out construction and facility/equipment maintenance. During the last couple of years, and especially the last few months, the Air Quality Committee members have been busy responding to a litany of regulations affecting the use of these engines.

At all governmental levels (federal, state and local), regulations have either just recently been adopted or are currently under development to regulate stationary, portable and mobile engines and equipment. Some of the regulations affect diesel-fueled engines. Some affect natural gas and/or digester gas fueled engines. Still others apply regardless of fuel utilized, but regulate on whether the engine is stationary, portable or in an on- or off-road vehicle.

**Rule 1110.2**

Currently, the SCAQMD is amending an existing regulation (Rule 1110.2) that affects stationary and portable engines. It is proposing to substantially expand the monitoring, emission testing and record-keeping requirements. Proposed requirements include weekly emissions monitoring with a portable emissions analyzer, lowering the applicability threshold for Continuous Emissions Monitoring Systems (CEMS) to an aggregated engine brake horsepower total of 1000, increasing annual emissions source testing from once every 3 years to once every 2 years and requiring the continuous monitoring and data acquisition of engine and emissions control system parameters such as fuel usage rate, air to fuel ratio, inlet and outlet catalyst temperature and catalyst differential pressure. These proposed changes (among others included in the last proposal) will have significant cost, if not operational, impacts upon our agencies. A group of industry stakeholders has formed to respond to this SCAQMD proposed rule amendment and has developed alternative monitoring strategies for consideration by the SCAQMD. SCAP and a number of its member agencies are part of this group. The stakeholders group has also developed an in-field demonstration program to test some of the proposed monitoring strategies, as well as some of the latest emissions control equipment, in an effort to provide technically sound data to the SCAQMD for use in this rulemaking (any agency interested in participating in either the stakeholder group or the in-field demonstration program is encouraged to contact Daniel McGivney at EMWD at 951-928-3777, extension 6329 or [dmcgivney@emwd.org](mailto:dmcgivney@emwd.org)).

**Airborne Toxic Control Measures**

Other regulations currently underway are two Airborne Toxic Control Measures (ATCM) being developed by the State of California Air Resources Board that will regulate diesel particulate matter emissions from on-road mobile public fleet vehicles and construction equipment. Draft language for the fleet rule is expected to be released in September with rule adoption scheduled for November/December 2005. Regarding the ATCM for

construction equipment, there is a working group meeting scheduled for August 30, 2005 (El Monte and Sacramento) to discuss proposed regulatory and enforcement concepts.

Should you be interested in additional information regarding air quality regulations affecting engines, be sure to attend our planned 1-day workshop coming up October 6, 2005.

**Air Quality Committee Sponsors Engine Regulations 101 Workshop...Everything You Need to Know on New Air Engine Rules – October 6, 2005**

On October 6<sup>th</sup>, the SCAP Air Quality Committee is sponsoring a one-day workshop. The Committee is targeting general managers, managers, engineering, operations and environmental staff, elected officials and associates for this workshop that will be held at Orange County Sanitation District.

This specialty workshop will bring you up to speed on the myriad of air quality regulations affecting stationary engines, portable engines, fleet vehicles and off-road construction equipment. Opportunities for funding and types of add-on control equipment will also be presented. These engine rules have a major impact on the operations and financial resources of POTWs. Lack of knowledge can lead to violations and penalties.

The cost is \$10 per attendee and reservations are required by September 26<sup>th</sup>.

Look for more information on this workshop soon.

## Collection Systems

**SCAP Collection Systems Committee Update** by Chair Nick Arhontes

The Collection Systems Committee (CSC) and its members continue to monitor and participate in the state's efforts to draft a statewide WDR. Several committee members continue to participate in the state's SSO Guidance Committee and subcommittees. As part of this effort, the CSC has partnered with Chris Toth of San Diego Metropolitan Wastewater (also a CSC member) and chair of the SSO Guidance Committee's Training and Outreach subcommittee to assist in the development of an outreach presentation to inform and educate collection system owner/operators of the requirements of the proposed statewide WDR. This has resulted in three separate presentations being given to the San Diego Metro TAC, a group of staff representatives from the San Diego Metro Agencies, and the San Diego Metro Commission. The San Diego Metro Commission is comprised of elected officials and other decision makers from the San Diego Metro Agencies. Aside from providing information about the statewide WDR, these presentations were used to measure the effectiveness of the outreach presentations being developed. The goal is to develop a three-tiered approach by offering 1) a brief 15 minute overview designed for elected officials, managers, and other

**Congratulations...**

Nick Arhontes, Chair of the SCAP Collection Systems Committee, has been named Director of Regional Assets and Services for Orange County Sanitation District. Nick brings with him 30 years of broad experience with engineering systems in the private and public sectors. The Regional Assets and Services will work closely with OCSD's Technical Services Department, the County of Orange and other regional stakeholders. "OCSD will continue to be a leader in advocating and developing programs to reduce life-cycle costs, increase levels of service, and improve system reliability," stated Nick.

decision makers, 2) a half day workshop for midlevel managers and others responsible for developing the elements of the WDR, and 3) the third tier as an all-day workshop for supervisors and field personnel on the implementation of the WDR. It is envisioned that tiers two and three would be done in association with CWEA and would be eligible for contact hours.

The next presentation will be in the City of San Juan Capistrano for SOCWA, its member agencies, and the south Orange County cities on September 13, 2005. In addition to providing current information on the statewide effort, this presentation will address differences in the proposed statewide WDR and the current WDR in effect for Region 9, and other issues pertinent to the area.

The next CSC committee is planned for September with the date to be announced shortly.

## Biosolids

**SCAP Agency Receives National Biosolids Partnership Biosolids Environmental Management System Certification** by Chair Diane Gilbert

The Encina Wastewater Authority (Carlsbad, CA) is the ninth wastewater agency in the nation to be certified and admitted to the National Biosolids Partnership's environmental management system (EMS) for biosolids program. Encina's system was verified by an independent audit firm on August 10, 2005. Encina Wastewater Authority is one of 80 demonstration agencies currently participating in the NBP EMS program. Encina's verification means that they have an effective biosolids environmental management system. This brings the number of California agencies verified to three. All three are SCAP member agencies. Congratulations to the Encina Wastewater Authority!

## Non Sequitur

All our dreams can come true, if we have the courage to pursue them.

**Walt Disney**