



SOUTHERN CALIFORNIA ALLIANCE OF
PUBLICLY OWNED TREATMENT WORKS

Monthly Update

www.scap1.org

January 2011

In This Issue

- Executive Director's Message
- Air Quality Committee Report
- Biosolids Committee Report
- Collections Committee Report
- Energy Committee Report
- Water Issues Committee Report

Upcoming Meetings

Air Quality

Thursday, January 20, 2011
10:00 am - Noon @ LACSD

Biosolids

Thursday, February 24, 2011
10:00 am – Noon @ OCSD

Collection Systems

TBA

Energy Management

Tuesday, February 8, 2011
9:00 am – 1:00 pm @ LVMWD
and Calabasas Landfill

Water Issues

Tuesday, January 11, 2011
9:00 am – Noon @ Radisson Hotel
Ontario Airport, Ontario, CA

SCAP STAFF

John Pastore, Exec. Director
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A Message from the Executive Director...

I hope everyone enjoyed a great Christmas and holiday season and I hope the New Year will bring nothing but the best to everyone. I think all will attest it's been a long and interesting year full of challenges, both personal as well as professional. For me, the year has been bitter sweet, as I welcomed two new grandsons into the world, who have lighted up my life. On the other hand, my mother passed away just a few days after Christmas. She was 93 years old and lived a full life, so there are no regrets from that standpoint. Still, it is always hard to watch a loved one leave us no matter their age, as many of you have already experienced. My mother taught kindergarten for over thirty years and just like my father, who passed away several years ago, she helped shape who I am today. Even in her last days she never stopped caring, as her final days approached and she could barely speak, she continued to admonish me about going outside without a jacket and to be careful while driving home. She leaves behind a grateful family who all loved her dearly and who will carry on the tradition of caring for each other as she taught us throughout her life. I will miss her greatly.

As we start the new year, I am pleased to announce that some changes have been made to the SCAP Board of Directors as a result of action taken at the December Board meeting. First, I am sad to announce that one of our long time directors, Rex Sharp, General Manager of the Valley Sanitary District is retiring from the SCAP Board. On the other hand, I am extremely happy for him, as he will be able to retire from public service after a long and rewarding career in order to enjoy the next phase of his life with his family. Rex was always there for me and I very much appreciated his input on all board matters. I will greatly miss his presence on the Board.

Secondly, the SCAP Board has now expanded from 7 directors to 14, in order to include two representatives from each county. With the large number of member agencies we now have, it was felt that more representation was needed. Beginning this January, your Board will be represented by the following directors and alternate directors:

San Diego County

Director Steve Meyer, *City of San Diego*
Director Michael Thornton, *San Elijo Joint Powers Authority*
Alternate Director Kevin Hardy, *Encina Wastewater Authority*

Orange County

Director Tom Rosales, *South Orange County Water Authority*
Director Robert Ghirelli, *Orange County Sanitation District*
Alternate Director Michael Dunbar, *South Coast Water District*

Riverside County

Director Ron Young, *Elsinore Valley Water District*

Director Jayne Joy, *Eastern Municipal Water District*

Los Angeles County

Director Steven Maguin, *Sanitation Districts of Los Angeles County*

Director Enrique Zaldivar, *City of Los Angeles*

San Bernardino County

Director Logan Olds, *Victor Valley Wastewater Reclamation Authority*

Director Thomas Love, *Inland Empire Utilities Agency*

Alternate Director Mark Pattison, *Crestline Sanitation District*

Ventura County

Director Ron Sheets, *Ojai Valley Sanitary District*

Director John Minkel, *City of Thousand Oaks*

Santa Barbara County

Director Kamil Azoury, *Goleta Sanitary District*

Director Shannon Sweeney, *City of Santa Maria*

Alternate Director Craig Murray, *Carpinteria Sanitary District*

Lastly, thank you to all that attended our SCAP Holiday Luncheon this past month, which was held once again at the El Niguel Country Club. The lunch and setting were wonderful and the singers from the Dana Hills High School were outstanding. It's always a special treat to be able to spend some quality time with friends in such a festive setting. I would like to particularly thank Pam Merriam for, once again, an outstanding job pulling this function together in a short period of time and to Ray Miller and his wife, Marianne, for their assistance with the arrangements and venue.



Holiday Luncheon guests enjoying the Choir



Dana High School Choir



El Niguel Country Club Decorations.....



Past President Jim Stahl, Current President Enrique Zaldivar, Past President Kamil Azoury, Former Executive Director Ray Miller and John Pastore

Joyously yours,

John Pastore, Executive Director

Committee Reports



Air Quality

Chair Kris Flaig
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Vice Chair Greg Adams
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Air Quality Committee Meetings

The Air Quality Committee meets monthly at the offices of the Los Angeles County Sanitation Districts. A formal agenda is prepared and circulated ahead of the meeting, which includes items for discussion and a list of action items from the previous month's meeting with follow-up action. This past year has been an extremely busy year for both climate change issues, highlighted by new greenhouse gas (GHG) regulations, including the Tailoring Rule, as well as traditional air quality issues.

2010 Year End Air Quality Issues Summary

Climate Change Issues

- CARB's AB32 Cap and Trade Program
- San Joaquin APCD Greenhouse Gas (GHG) CEQA Best Performance Standards (BPS)
- Carb's Renewable Energy Standard (RES) regulation to the State's GHG Mandatory Reporting Regulation
- USEPA's designation of biosolids for incineration as solid waste
- SoCalGas's CPUC request for approval to contract with POTWs and other entities for construction of a pilot project to condition digester gas at a POTW for eventual delivery to SoCal Gas's gas pipeline

Local Air Board Issues

- South Coast AQMD Priority Reserve Lawsuits
- Section 185 Clean Air Act Non-Attainment fees
- SCAQMD CEQA GHG Thresholds of Significance emissions
- SCAQMD Rule 1110.2 Engine Biogas Limits
- SCAP JEIP II Inventory Program
- SCAQMD 2010 Draft Clean Communities Plan

State Issues

- CARB GHG Mandatory Reporting Rule Changes
- CalEPA's Draft Report on Cumulative Impacts

Federal Issues

- EPCRA Hydrogen Sulfide Administrative Stay Lifted
- GHG Mandatory Reporting Rule Changes

For further information on these issues, please consult the 2010 SCAP Annual Report that will be posted on our website in early January under Alerts at www.scap1.org.

[Imperial County APCD](http://www.co.imperial.ca.us)

www.co.imperial.ca.us

The Imperial County APCD has a new website in operation and CAPCOA's newest Greenhouse Gas document "Quantifying Greenhouse Gas Mitigation Measures" is now available on the website under CEQA.

Imperial County APCD has announced that a copy of both the Final 2009 Imperial County State Implementation Plan for PM₁₀ (2009 PM₁₀ SIP) and the Final Negative Declaration for the 2009 PM₁₀ SIP are now available on the District's website.

There are currently no new public workshops, hearings or meetings posted on the ICAPCD website for the month of January 2011.

[Mojave Desert AQMD](http://www.mdaqmd.ca.gov)

www.mdaqmd.ca.gov

For those interested in solar power, the MDAQMD website includes a real time display of daily and yearly solar power information from within the district, as well as the amount of carbon dioxide saved.

MDAQMD has also introduced ENVIROFLASH on its website, which provides air quality forecasts directly to your computer's inbox.

The 2010 California Desert Air Working Group (CDAWG) Conference presentations are now online and can be accessed on the MDAQMD website.

There no meetings currently posted on the MDAQMD website for the month of January 2011.

[San Diego APCD](http://www.sdapcd.org)

www.sdapcd.org

San Diego APCD reports it has completed and submitted its Ambient Air Monitoring Network Plan (AMNP) for 2007 and a copy can be obtained from their website. SDAPCD will be required to submit an Air Quality Plan to EPA in 2013 outlining the emission control regulations necessary to bring the entire region into attainment.

SDAPCD has added a custom Google search engine exclusively for their website and also offers an interactive air pollution simulator program called **Smog City 2**. This program will allow the user to make decisions that affect the air quality and can then view the resulting changes that occur.

The SDAPCD is currently in the process of applying with CARB to become a Greenhouse Verification Body. If approved the verification services will be offered by contract.

Hearing Board dates if needed will be held on January 13th and 27th. A workshop will be held on January 13, 2011 for metal container, metal closure and metal coil coating operations. The next APCD Board meeting date is January 26, 2011.

[Santa Barbara APCD](http://www.sbapcd.org)

www.sbapcd.org

The next APCD Board meeting is scheduled for January 20, 2011. There are two scoping workshops scheduled for February 10th at this time for Amendments to Rule 330 (Metal Parts & Products Coating) and 337 (Aircraft & Aerospace Vehicle Parts & Products) and Amendments to Rule 349 (Fiberglass) and 353 (Adhesive & Sealants). There is a Community Advisory Council meeting scheduled for February 9, 2011. A Hearing Board meeting has been scheduled for January 20th for Adoption of a New Rule and Several Amended Rules to Implement EPA's Federal Prevention of Significant Deterioration and Part 70 Greenhouse Gas Tailoring Rule Provisions.

[Ventura County APCD](http://www.vcapcd.org)

www.vcapcd.org

VCAPCD currently has application forms available for the Carl Moyer Program. The program will provide approximately \$2 million of grant funds for projects within Ventura County. The grant funds are available to qualifying owners of heavy-duty diesel powered

equipment that want to reduce air pollution by upgrading or replacing their present equipment.

The VCAPCD reports that the Draft 2009 Reasonably Available Control Measures State Implementation Plan (2009 RACT SIP) is now available for public review.

The VCAPCD reminds everyone that Tier 0 Portable Diesel Engines may not be operated in California after December 31, 2009.

There are no VCAPCD Board meetings scheduled for the month of January 2011. There are no Advisory Committee meetings currently scheduled for January 2011. There are no Hearing Board meetings scheduled for the month of January 2011 at this time.

South Coast AQMD

www.aqmd.gov

The SCAQMD has issued an Advisory Notice that it will be considering Proposed Amendments to Rule 1147-Nitrogen Oxide reductions from Combustion Sources.

SCAQMD will consider adoption of the Final program environmental assessment for Re-Adoption of Proposed Rule 1315-Federal New Source Review Tracking System at its January 7, 2011 meeting.

The purpose of this rule is to:

(1) Maintain the District's ability to continue through December 31, 2030 to issue permits to major sources that obtain offset credits from the Priority Reserve under Rule 1309.1 and/or that are exempt from offsets under Rule 1304;

(2) Memorialize in rule form the procedures to be followed by the Executive Officer for:

(A) Establishing the District's NSR program equivalency with federal NSR offset requirements for such major sources; and

(B) Demonstrating that sufficient emission reductions, including previously-untracked emission reductions, existed beyond regulatory requirements under federal law to be used as offset credits to establish that the District's NSR program is equivalent with federal NSR offset requirements for major sources that are exempt from offsets under Rule 1304 or obtain offset credits from the Priority Reserve under Rule 1309.1



Biosolids

Chair Matt Bao
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Vice Chairs
Tom Merigillano
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Derrick Lee
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Biosolids Committee Meetings

The Biosolids Committee meets quarterly at various locations throughout Southern California. A formal agenda is prepared and circulated ahead of the meeting, which includes items for discussion and periodically a facilities tour. This past year saw field visits of Ventura Regional Sanitation District's Toland Road Landfill Biosolids Dryer and Power Generation Facility and Las Virgenes Municipal Water District's Rancho Las Virgenes Composting Facility.

2010 Year End Biosolids Issues Summary

The following issues were discussed by the Biosolids Committee during the past year:

- CalRecycle's Proposed Regulation of Anaerobic Digestion
- EPA's proposed Solid Waste Rule
- EPA's Proposed Standards for Sewage Sludge Incineration
- Kern County Measure E Litigation
- San Luis Obispo County Biosolids Ordinance
- CDFR proposed regulations for acceptance of grease and/or food waste
- USEPA's Integrated Risk Information System Toxicological Review for Inorganic Arsenic

For further information on these issues, please consult the 2010 SCAP Annual Report that will be posted on our SCAP website in early January under Alerts at www.scap1.org.



Collection Systems

Chair Sam Espinoza
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Vice Chair Nicole Greene
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Collection Systems Committee Meetings

The Collection Systems Committee meets quarterly at various locations throughout Southern California. A formal agenda is prepared and circulated ahead of the meeting, which includes presentations by agency staff and vendors.

2010 Year End Collection Systems Issues Summary

The following issues were discussed by the Collection Systems Committee during the past year:

- The Statewide General Waste Discharge Requirements (GWDR)
- Updates on the SSO Data Review Committee
- WDR/SSM:P Audits
- USEPA's CMOM/NPDES Permit
- Fats, Oils and Grease (FOG)
- Flushable products Legislation
- Manhole Inspection Programs
- Collection System Utility Marking Requirements
- Inflow and Infiltration Problems
- BMPs for Manholes and Pump Stations
- Root Reduction and Control Strategies

For further information on these issues, please consult the 2010 SCAP Annual Report that will be posted on our website in early January under Alerts at www.scap1.org.



Energy Management

Chair Andre Schmidt
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Vice Chair Chris Berch
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Energy Management Committee Meetings

The Energy Management Committee meets quarterly at various locations throughout Southern California. A formal agenda is prepared and circulated ahead of the meeting, which includes presentations by agency staff and vendors. Facility tours are scheduled when appropriate.

2010 Year End Energy Issues Summary

The following issues were discussed by the Energy Management Committee during the past year:

- Renewable Energy Credits (RECs)
- Tradable Renewable energy Credits (TRECs)
- Greenhouse Gas Offsets
- Pipeline Biomethane from POTWs
- CARB's Draft Cap-and-Trade Program
- NoxTech technology
- OCSD's Fuel Cell and hydrogen Filling Station
- Western Renewable Energy Informational System (WREGIS)

For further information on these issues, please consult the 2010 SCAP Annual Report that will be posted on our website in early January under Alerts at www.scap1.org.



Water Issues

Chair Valerie Housel
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Vice Chair Al Javier
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Water Issues Committee Meetings

The Water Issues Committee meets quarterly at various locations throughout Southern California. A formal agenda is prepared and circulated ahead of the meeting, which includes presentations by agency staff and regulators. Facility tours are scheduled when appropriate.

2010 Year Water Committee Issues Summary

The following topics of concern were discussed by the Water Issues Committee during the past year:

- USEPA Proposed 2009 Water Quality Criteria Update for Ammonia

- SWRCB Draft Report on Chemicals of Emerging Concern (CECs)
- CEQA Scoping Document for Phase II Sediment Quality Objectives for Enclosed Bays and Estuaries
- Advisory Panel for CECs in Coastal and Marine Ecosystems
- The Marine Life Protection Act (MLPA)
- The California Ocean Plan Triennial Review
- Developing Biological Objectives for Perennial Wadeable Streams in the State of California
- SWRCB Whole Effluent Toxicity Policy (WET)
- Water Softener Ordinance
- Salt Management Studies
- Green Chemistry Initiative

For further information on these issues, please consult the 2010 SCAP Annual Report that will be posted on our website in early January under Alerts at www.scap1.org.

Nonylphenol is Polluting the Water in Morro Bay and other Coastal Areas

by Carol Georgi and Karl Kempton
former Energy Planner for San Luis Obispo County and Lead Author of "Proposed Central Coast National Marine Sanctuary, 1990"

Having the best possible water quality needs to be our community goal as we rely on a healthy ocean and streams for recreation and food supply. Water quality in Morro Bay and other coastal communities is increasingly threatened by pollution from excessive man-made nutrients and other contaminants from farm and urban runoff and wastewater, as reported by the San Luis Obispo Science and Ecosystem Alliance (SLOSEA).

One pollutant of great concern being studied by SLOSEA scientists in Morro Bay is nonylphenol (pronounced "non-il-fe-NALL"), a man-made chemical in treated effluent released from septic and other sewage processing systems into waterways, then leaked into the bay. The SLOSEA lead scientists, biologists Lars Tomanek and Dean Wendt, suspect one source of nonylphenol entering the bay is from the treated effluent from the California Men's Colony wastewater treatment plant released into Chorro Creek. (See "Tumors and Sex Changes, Part One and Part Two" in New Times.)

While not controlled in the U.S., nonylphenol is a toxic chemical that is severely restricted from waterways in Canada, and is effectively banned in the European Union of 15 nations, as reported by Colin Rigley, in New Times article, "Tumors and Sex changes; a goby

story." [From Editor: Kudos to New Times for being on this story.]

Rigley states that nonylphenol is a degraded form of the chemical nonylphenol ethoxylate, and when this chemical goes through wastewater treatment plants, it breaks down to the more hazardous nonylphenol form. This endocrine-disrupting chemical mimics the action of the female hormone, estrogen. Additionally, since nonylphenol can be present in sewage sludge, it has the potential to contaminate agricultural land as well as waterways, bays, and coastal ocean areas. (See World Wildlife Fund / Nonylphenol Ethoxylates)

Nonylphenol ethoxylate belongs to a group of man-made chemicals, primarily used in the production of cleaning products such as detergents, personal care products, and pesticides. As reported by the Environment Agency in the United Kingdom, nonylphenol ethoxylates and their primary degradation products, nonylphenols, can be toxic to wildlife, especially to certain water-dwelling organisms and is considered a hormone disrupting substance. Bioconcentration is significant in water dwelling organisms and birds, where it has been found to bioaccumulate in internal organs at between 10 and 1000 times greater than the surrounding environment.

SLOSEA scientists researching in Morro Bay have found nonylphenol "in significant concentrations in water, sediments and tissue samples from the bay. Arrow gobies (*Clevelandia ios*) living in the bay and estuary have developed liver pathologies and gonadal tumors in the presense of elevated nonylphenol concentrations."

SLOSEA published the Management Action Memo, "Protecting Coastal Environments from Ongoing Pollution Danger, Dec., 4, 2008." The memo begins, "State and local regulatory agencies need to regulate the use and manage the treatment of nonylphenol, a man-made chemical and proven endocrine disruptor, found in high levels in animals that live in California estuaries, including those animals raised as part of human food supply such as oysters and mussels. The threat and linkage with tumors in the liver and gonads of fish warrant a multipronged effort of immediate regulatory action, treatment planning, and targeted research."

The U.S. is slow to pay attention to nonylphenol pollution, except for encouraging volunteer efforts by manufacturers. (For example, Proctor and Gamble, having studied nonylphenol in the 1970's, decided to eliminate this chemical from all of their products.) Since nonylphenol is not listed on product packaging, the consumer cannot know which cleaning products

are safer for our marine environment. Therefore, without regulation, our only strategy to keep nonylphenol from polluting our waterways is to not allow wastewater or sewage sludge to enter any waterway or ocean.

Nonylphenol pollution to San Luis Obispo County streams, rivers, and coastal waters is a threat to marine ecosystems and healthy water. Since we rely on the coastal waters to provide us with food as well as water recreation, it is imperative that we work toward excellent water quality. A new statewide report measuring the toxic levels in California streams shows the streams of the Central Coast are some of the most toxic in the state.

A Marine Sanctuary designation would provide San Luis Obispo County with a coordinated effort to protect our local coastal waters from the threat of toxic chemicals flowing into the ocean ecosystems. A variety of local, county, state, and national governmental agencies have been assigned their respective tasks to prevent such pollution, but there is no over-arching coordination to integrate these agencies to maximize preventive measures. The result of this hodgepodge is an increase of the toxin flow into our local ocean waters while action is delayed

Non Sequitur:

Never contradict. Never explain. Never apologize. Those are the secrets of a happy life!

- John Arbutnot Fischer

Some of our Supporting SCAP Associate Members

DUDEK

 **SYNAGRO**

A Residuals Management Company


SCEC
Air Quality Specialists

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Water and Environment

**BROWN AND
CALDWELL**
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