

Volume 30

Summer 2008

AIR & WASTE MANAGEMENT ASSOCIATION LAS VEGAS CHAPTER

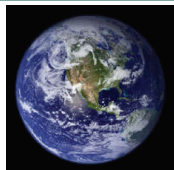


IN THE NEWS

News from the A&WMA Las Vegas Chapter Board of Directors

What's In The News:

- Meet the newly elected Las Vegas Chapter Board of Directors
- Read about our current events
- See what new environmental issues have come about & how it affects YOU!
- Environmental Education
- In this issue take look at what went on at ACE 2008
- Sponsor a A&WMA luncheon, and advertise your company!



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By John Letkeman

The heat of the summer is here, and AWMA will continue to have our monthly luncheons at the Air Conditioned Las Vegas Country Club, where the food is also great, parking is easy, and the company is delightful, so we look forward to you doing your networking with us. We have an interesting lineup of speakers for the rest of this year.

The Annual Convention and Exhibition, held in Portland in June, was a success and enjoyed by many. I was impressed with the number of visitors from all over the world. Many people don't realize that this organization has a huge international presence.



ACE 2008 exhibit hall

Please visit the website at <http://www.awma.org/ACE2008/> to get more information, including the proceedings, pictures, and videos of some of the sessions. Also check out the sponsors who helped support the convention's finances.

Are you a member of A&WMA??

The Air & Waste Management Association (A&WMA) is a nonprofit, nonpartisan professional organization that offers individuals a wide array of resources and benefits embodied within the technical and scientific environmental community. Membership benefits include the opportunity for professional development, information exchange, networking opportunities, and public education and outreach. By helping to promote global environmental responsibility, A&WMA hopes to increase the effectiveness of organizations and individuals to make critical decisions that benefit their



surrounding communities. These benefits are currently extended to over 8000 environmental professionals in 65 countries. In 2007 A&WMA celebrated its 100th year of providing service to environmental professionals.

For more information and to see how the A&WMA will benefit you, access the links to the following web sites.

<http://www.awma.org/about/index.html>

<http://www.awma.org/join/index.html>

Meet the 2008 - 2009 Las Vegas Board of Directors

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Upcoming Events

This fall, Las Vegas has been selected as the destination for the A&WMA Sections and Chapters quarterly meeting. Chapter and Section leaders come to gather and meet for the exchange of ideas and information, to continually improve the quality of the AWMA service to its members. The conference will be held 24-26 October 2008. As a result of our city being chosen for the event, our local Las Vegas A&WMA Chapter will be hosting an evening of fun and entertainment for all, on Saturday 25 October 2008. This is your opportunity to socialize with board members from other sections & chapters.

We will update everyone of the upcoming event soon!!

A&WMA Section and Chapters was developed to help promote greater interaction between regional chapters and sections by participating together in local or regional concerns and interests. To view the A&WMA Section and Chapters map, go to:

http://www.awma.org/miscellaneous/AWMA_Map0208.pdf

Monthly Chapter Luncheons

The Las Vegas Chapter conducts monthly luncheon meetings on the **second Wednesday of every month**. During each luncheon, a presentation is given on various topics related to environmental issues and impacts facing Southern Nevada.

Luncheons are held at the Las Vegas Country Club @ 3000 Joe W Brown Dr, Las Vegas, 89109

Check-in: 11:15 a.m. to 11:30 p.m. **Lunch Begins:** 11:30 p.m. **Presentation:** 12:00 p.m. to 12:30 p.m.

Cost: Members: \$25.00 Non-Members: \$30.00 Full Time Students: \$10.00

For more information, or to RSVP please contact **Tony Francis** no later than noon Monday before the luncheon by calling 702-873-4478 or email tfrancis@ssalabs.com. All interested parties are welcome.

<http://www.lvawma.org/meetings.html>

Upcoming Luncheon Speakers:

September 10, 2008 - Lynn Orphan, CWC Regional Water Quality Manager, will speak about SCOP (Systems Conveyance and Operations Program), which is creating a tunnel with hydroelectric generation and a moveable wastewater discharge system into Lake Mead.

October 8, 2008 - Daniel Fisher, Laboratory Superintendent for the City of Las Vegas, will speak on wastewater collection, treatment, and discharge into Las Vegas Wash.

November 12, 2008 - Will Elcoate, Test America Inc., will speak on Vapor Intrusion Investigations.

Environmental News

U.S. EPA Issues 2008 Report on the Environment

On May 20, 2008, the U.S. EPA issued the 2008 EPA Report on the Environment, a document that provides trends on air, land, water, ecological, and human health conditions in the United States. The report, which updates a draft report issued in 2003, uses scientifically sound and quantifiable indicators to measure and report on overall progress toward protecting the environment and human health. In addition to national scale indicators, the report also provides data broken out by U.S. EPA Regions.

For more information, <http://www.epa.gov/roe/>

Environmental Groups Challenge U.S. EPA New National Ozone Standards

On May 27, 2008, two months after the U.S. EPA published its newly revised national ozone standards, five environmental and health-related organizations filed a lawsuit challenging them in the U.S. Court of Appeals, District of Columbia circuit.

The American Lung Association, Natural Resources Defense Council, Environmental Defense Fund, the National Parks Conservation Association, and the Appalachian Mountain Club take issue with the fact that U.S. EPA did not adopt the more stringent ground-level ozone standards proposed by its own scientists.

The new primary and secondary 8-hour ozone standards are now 0.075 parts per million (ppm), which replaces the existing standard of 0.08 ppm set in 1997. These new standards are not as stringent as recommended by U.S. EPA's Clean Air Scientific Advisory Committee, which had unanimously recommended a standard of between 0.060 and 0.070 ppm in 2007.

U.S. EPA Finalizes Amendment to the F019 Hazardous Waste Listing

The U.S. EPA is amending the F019 hazardous waste listing to facilitate the use of aluminum in automobiles, light trucks and utility vehicles. This action will encourage motor vehicle manufacturers to use more aluminum parts, producing vehicles that are lighter. Lighter vehicles are capable of increased gas mileage and decreased exhaust air emissions, including greenhouse gas emissions.

F019 is one of the U.S. EPA's F-code RCRA hazardous waste listings, which include waste that is generated from common industrial and manufacturing processes. The amendment excludes F019 waste generated in the auto

manufacturing industry from hazardous waste regulation, provided the waste is not placed outside on the land prior to shipment to a landfill for disposal and is disposed of at an appropriately lined landfill. U.S. EPA has determined that these changes to the F019 listing are protective of human health and the environment.

The Environmental Protection Agency (EPA) is amending the list of hazardous wastes from non-specific sources (called F-wastes) by modifying the scope of the EPA Hazardous Waste No. F019 (Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process). The Agency is amending the F019 listing to exempt wastewater treatment sludges from zinc phosphating, when such phosphating is used in the motor vehicle manufacturing process, provided that the wastes are not placed outside on the land prior to shipment to a landfill for disposal, and the wastes are placed in landfill units that are subject to or meet the specified landfill design criteria. This final action on the F019 listing does not affect any other wastewater treatment sludges either from the chemical conversion coating of aluminum, or from other industrial sources. Additionally, this rule amends the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) list of Hazardous Substances and Reportable Quantities so that the F019 listing description is consistent with the amendment to F019 under regulations for hazardous wastes from non-specific sources. This final rule is effective on July 7, 2008.

FOR FURTHER INFORMATION CONTACT: For general information, review our Web site at <http://www.epa.gov/epaoswer/hazwaste>. For information on specific aspects of the rule, contact James Michael of the Office of Solid Waste (5304P), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, NW., Washington, DC 20460, (E-mail address and telephone number: michael.james@epa.gov, (703) 308-8610).

Final New Source Review (NSR) Rules for PM2.5

On March 16, 2008, the U.S. Environmental Protection Agency (EPA) published final rules for States to follow in developing State Implementation Plans (SIPs) to implement the National Ambient Air Quality Standards (NAAQS) for fine particles (PM2.5). One of the elements of the PM2.5 SIPs involves requirements for major new or modified sources in both nonattainment (NA) areas and attainment/unclassified areas [i.e., Prevention of Significant Deterioration (PSD) areas].

Environmental News

This Fact Sheet is intended to assist sources that may be affected by the rules to understand the significant new impacts (compared to the existing requirements for major PM or PM10 sources) and to plan for implementation of the new rules. The Fact Sheet can be read http://www.epa.gov/nsr/documents/20080508_rule.pdf

Kids-Safe Chemicals Act Introduced by Democrats in Senate and House

On May 20, 2008, legislation that would require chemical manufacturers to demonstrate the safety of their chemicals and would outlaw the sale in the United States of any compound that lacks a minimum set of data was introduced in the House and Senate as the Kids-Safe Chemicals Act.

Sen. Frank R. Lautenberg (D-NJ) sponsored the Senate bill, and Reps. Hilda L. Solis (D-Calif.) and Henry Waxman (D-Calif.) co-sponsored the House bill.

The minimum data required to have access to the U.S. market would include information about whether a chemical has the potential to persist or bioaccumulate in human bodies or nonhuman organisms; whether it would irritate the skin; whether it would persist in the environment; whether it would harm reproduction or development; and whether it would degrade into other chemicals that would cause harm.

Information would be required about how the chemical is produced, processed, and used, along with an estimate of the number of workers who could be exposed to the substance. A description of the commercial and consumer uses of the chemical also would be required.

Within 18 months of the law entering force, the U.S. EPA administrator would be required to publish a list of at least 300 chemicals that would be assessed for their safety. At least 200 chemicals would be added to that list annually with the goal of U.S. EPA systematically reviewing information about all chemicals on the market within 15 years of the bill becoming law.

California Unveils Draft Scoping Plan for Reducing Greenhouse Gas Emissions

On June 26, 2008, the State of California unveiled an initial "draft scoping plan" for reducing greenhouse gas (GHG) emissions to 1990 levels by 2020 (as required by Assembly Bill 32 passed in September 2006). The draft plan includes regulation of stationary and mobile sources; market mechanisms, such as a cap and trade system; and institutional actions such as zoning, car pool lanes, mass transit, etc. The reduction needed is 30% below where emissions would otherwise be in 2020 without further controls and 10% below

today's emissions. The State's energy providers will be required to provide energy from renewable sources for 33% of energy use in 2020, up from a current legal mandate of 20%. The main feature of the new plan is a regional cap and trade system with a declining cap. Participating governments would include three Canadian provinces (British Columbia, Manitoba, and Quebec) and seven western U.S. states (Arizona, California, Montana, New Mexico, Oregon, Utah, and Washington). A carbon tax is not currently planned, but one could be imposed if existing measures and the cap and trade system fall short.

Three public workshops to solicit public comment on the initial draft will be held throughout California in July. Economic modeling to assess the economic impacts of various alternatives and to assist in selecting alternatives has begun, but will not be completed until later this summer. A "Final Draft Scoping Plan" is expected to be issued in October and considered for adoption by the California Air Resources Board in November in order to meet a statutory requirement to have the plan completed by January 1, 2009. Implementing regulations would be passed thereafter.

Homeland Security Department Identifies 7,000 High-Risk Chemical Facilities

More than 7,000 chemical facilities have been preliminarily designated as high-risk targets for a terrorist attack, according to the Department of Homeland Security (DHS). As a result, these facilities are required to complete vulnerability assessments and draft security plans. The potential high-risk group, identified from an initial evaluation of about 32,000 chemical facilities, was sent a notification letter from DHS the week of June 23.

DHS categorized each facility into one of four tiers based on their risk potential. Tier 1 is the highest risk level and Tier 4 is the lowest. As set out in interim chemical security rules issued in 2007, those designated as Tier 1 must submit vulnerability assessments within 90 days, Tier 2 within 120 days, Tier 3 within 150 days, and Tier 4 within 180 days.

The results of the vulnerability assessments will ultimately determine the final tier rankings and will affect the types of security measures required at each facility.



Environmental Education

A&WMA offers a variety of products and services to help meet the professional development and educational needs of environmental professionals, university students, grades K-12 students and teachers, and the general public. Members of A&WMA's Education Council provide input into the development of these products and services and often play a key role in their delivery and dissemination. For more information go to:

http://www.awma.org/enviro_edu/index.html

The College of Southern Nevada has been selected as a new OSHA Training Institute (OTI) Education Center for Region IX. By becoming an OTI Education Center CSN is now authorized to offer comprehensive, certified, OSHA training to the local community, statewide and across the region. These courses will be offered through the Department of Occupational Health and Safety Programs. For more information go to:

<http://www.csn.edu/pages/853.asp>

World Environmental News



African desert to save Europe from energy crisis

Converting the Sahara desert into a giant solar panel farm could be the key to making Europe greener and

less dependent on oil and gas. The mega power plant a little smaller than Wales can cover the continent's need for electricity, according to the Daily Mail newspaper.

Experts say the intense solar radiation in the region makes photovoltaic panels three times more efficient than similar panels in northern Europe.

When the plant is finished in 2050, it will produce an estimated 100 gigawatts.

The electricity will be then carried from Africa to Europe via direct current power lines that are more efficient than the usual AC lines when dealing with high voltage.

The idea, which has been backed by Gordon Brown and Nicolas Sarkozy, was discussed last month as part of the newly formed Mediterranean Union, launched at a summit in Paris.

Hydrogen bacteria to fill gas tanks?

Biology Professor Sergey Markov from Austin Peay State University has discovered a way to produce hydrogen fuel for vehicles by using photosynthetic bacteria.

"This is very attractive for industrial application because photosynthetic bacteria can produce hydrogen using solar light and water and we have plenty of solar light and water around," he said.

The specific purple bacteria Dr. Markov is referring to, grows in mud, ponds and lakes. The prototype bioreactor he built mixes the bacteria with carbon monoxide and water - and makes hydrogen.

Hydrogen is an attractive alternative fuel for the future. It's reusable, efficient and eco-friendly since when it burns it produces ordinary water and no greenhouse gases. However it's explosive and requires special engines - problems yet to be solved.

Dr. Markov is now building a pilot scale bio-reactor - the prototype he has now is just too small for mass hydrogen production.

He's received a grant from the U.S. Department of Energy - but says more finance and support is needed.



Recycling News

Home Depot Announces Free Recycling of Fluorescent Bulbs at All Stores

The Home Depot announced on June 24 that it will recycle energy-efficient, compact fluorescent bulbs (CFLs) for free at all of its nearly 2,000 stores across the U.S.

CFLs use up to 75% less energy and last 10 times longer than traditional incandescent light bulbs. However, proper disposal of the bulbs is important because they contain small amounts of mercury (less than 5 milligrams apiece). No mercury is released when CFL bulbs are in use and intact. According to the Pennsylvania Department of Environmental Protection (DEP), if every household in Pennsylvania replaced an incandescent bulb with an ENERGY STAR-qualified CFL, a combined total of 248 million kilowatt-hours of electricity would be saved per year. Household electric bills would be reduced by \$25.5 million annually. For more information, go to:

http://www6.homedepot.com/ecoptions/stage/pdf/cfl_recycle.pdf

For further information on CFL recycling, check out NDEP's page at: <http://ndep.nv.gov/bwm/cfl01.html>

For more information about recycling in Nevada, the Nevada Division of Environmental Protection (NDEP) is working to reduce waste generation and increase recycling throughout the state. Staff from NDEP are cooperatively working with local jurisdictions and recyclers around the state to promote increased recycling.

<http://nevadarecycles.gov/>

For more tips and information on recycling, check out <http://earth911.org/>

The mission of earth 911 is to provide actionable local information on recycling and product stewardship that empowers consumers to act locally, live responsibly and contribute to sustainability.

Both the Earth911.com site and 1-800-CLEANUP toll-free hotline are provided at no cost to the user or taxpayer. Earth 911 centralizes information and resources into a single user-friendly, neutral and non-governmental network.

What should you do....with hazardous household waste?

Many products we use everyday are considered "household hazardous wastes." Car batteries, paint and household cleaners are just some examples of household hazardous wastes. These items can become pollutants if they are not used, stored or disposed of properly. Read and follow all label instructions on these products.

The items listed below are considered hazardous wastes. These wastes and their containers should be saved for a community hazardous waste pickup day or be taken to a licensed hazardous waste contractor:

- floor care products
- furniture polish
- metal polish
- car batteries
- household batteries
- brake fluid & automatic transmission fluid
- car wax
- Gasoline, kerosene and lighter fluid
- used motor oil
- epoxy glues
- paint, paint thinner and stripper
- varnish and turpentine
- Insecticide, rat poison and moth balls
- swimming pool acid

MEMBER NEWS

LIONEL SAWYER & COLLINS' PROUDLY PRESENTS

LINDA M. BULLEN

AS FIRST NEVADA ATTORNEY

INVITED TO JOIN AMERICAN COLLEGE OF ENVIRONMENTAL LAWYERS

LAS VEGAS, NV – Shareholder Linda M. Bullen of Lionel Sawyer & Collins holds the distinction of being the first Nevada attorney to be invited to join the American College of Environmental Lawyers (ACOEL). The ACOEL is a professional association of distinguished private sector lawyers who practice in the field of environmental law.

Bullen has more than twenty years' experience in the practice of environmental law. She was Assistant Regional Counsel (Region V, Chicago) for the U.S. Environmental Protection Agency from 1986-1988 and continued her environmental law practice in a Chicago-based international law firm from 1988-1994. Bullen was the Assistant Attorney General in Minnesota from 1994-1997, where she prosecuted environmental crimes and counseled the Minnesota Department of Natural Resources and the Minnesota Department of Transportation. At Lionel Sawyer & Collins, Bullen advises clients on complex state and federal environmental matters specializing in hazardous waste, water, air, federal land use and NEPA issues. She also advises clients on mining and energy projects. Her practice encompasses regulatory counseling, permitting, and litigation.

Bullen is Chair Emeritus of the Las Vegas Chapter of the Air & Waste Management Association and currently serves on the Board of Directors of the Clark County Bar Association. She is a frequent writer and speaker on environmental issues. *Chambers USA*, which ranks her in the top tier in Nevada for Environmental Law, states that clients describe her as “a very organized, responsible leader with terrific expertise....She is well known in land use, mining and hazardous waste matters.” Bullen is listed in *Nevada Super Lawyers* for Environmental Law.

Membership in the ACOEL is by invitation only. Members are recognized by their peers as being preeminent in their field, and are dedicated to maintaining and improving the standards of practice, administration of justice, and ethics of the profession, and to contributing to the development of environmental law.

Lionel Sawyer & Collins is Nevada's largest law firm. The firm offers a full range of legal services, including gaming and regulatory law, litigation, commercial transactions, environmental, bankruptcy, banking, health care and corporate law. Lionel Sawyer & Collins' offices include: Las Vegas, Reno, and Carson City, Nevada, and Washington, D.C. For more information about Lionel Sawyer & Collins' practice and attorneys, visit our website at www.lionelsawyer.com





**AIR & WASTE MANAGEMENT
ASSOCIATION
LAS VEGAS CHAPTER**

IN THE NEWS

For questions, comments, or suggestions,
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Visit us online!!

<http://www.lvawma.org/index.html>

Sponsorship & Advertising Opportunities

The A&WMA Las Vegas Chapter is currently offering interested companies the opportunity to sponsor their monthly AWMA luncheon meetings. AWMA luncheon sponsorship will allow a firm to:

- Provide and display a poster/sign indicating company name and services;
- Provide a short introduction of the company and services provided at the beginning of the meeting (2 minutes);
- Provide meeting attendees with cards, pens, information packets, etc.;
- In addition, the sponsor's company logo will be displayed on the AWMA (Las Vegas chapter) web page for six months and the quarterly newsletter.

Upcoming sponsors will be scheduled for the next available meeting on a first come first serve basis (one sponsor per luncheon). A company/business will be the monthly lunch sponsor with a donation of \$100.00. Donations are requested one month prior to the sponsored event.

For more information on sponsoring a meeting, please contact the Media Director.

Luncheon Sponsors

August 2008



www.psiusa.com/

July 2008



www.kaerchercampbell.com/

May 2008



www.ninyoandmoore.com/

February 2008



www.eqm.com/

January 2008



www.kleinfelder.com/

**You
too
can
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for
your
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