

AIR & WASTE MANAGEMENT ASSOCIATION Nevada Section



Nevada Section Elections

What's In The News:

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By Sarah Hoffman and Kyle Hansen

The Nevada Section of Air & Waste Management Association has begun the process of accepting candidates for the upcoming board elections. The Section is looking for A&WMA members to be nominated to run for the following positions: Membership Director, Media Director, Program Director, and Treasurer.

It is to be noted that all candidates must be an A&WMA member to run. Also, the Treasurer position turns into a 4 year commitment as it transitions from Treasurer through the subsequent annual positions of Secretary, Vice-chair, and Chairperson.

Please contact any of the A&WMA Nevada Section Board Members with your position of interest along with a biography to be included with the ballots.

Elections are going to be held in the April-May time frame with the new Board taking over in June. Serving on the board is a big advantage when looking for industry connectivity and integration not to mention the possibility for great personal friendships. The Nevada Section would like to encourage all members to consider the opportunity.



Revived Eastern Sierra Chapter

The Nevada Section of A&WMA would again like to recognize the newly forming sub-chapter of the Nevada Section: the Eastern Sierra Chapter. The Eastern Sierra Chapter is in the beginning stages of organizing with a newly formed Board. Meetings are tentatively held on a quarterly basis currently in Carson City with the possibility of alternating between there and Reno. If any of your companies have offices in Northern Nevada that would be interested in joining their Chapter, or if you're in the area and would be interested in attending one of their meetings, please visit their website: awma-easternsierra.org

The next gathering will be a co-hosted mixer in June.

Letter from Our Board

Spring in Southern Nevada generally brings some of the most mild and enjoyable temperatures of the year. The mild weather typically allows for open doors and windows as opposed to the all day drone of air conditioning units. This time of year is also a great time to get outside and enjoy some of the wonderful areas and activities Southern Nevada has to offer. In an effort to help our members enjoy some of the great Southern Nevada offerings, the AWMA Board of Directors has been focused on increasing networking and educational opportunities for our members through activities and field trips. This has always been a focus of our monthly luncheons, but over the past year we have added an event, generally on a quarterly basis. Each event has an educational component and it is our goal to conduct the activity in an environment best suited for the time of year. Recent events included a summer field trip to the Atomic Testing Museum, a fall trip to Hoover Dam, and a recent trip to the Republic Services Recycle Center. Looking forward, our Spring, 2010 event will include a field trip to the Nevada Test site, which should prove to be an interesting and educational day.

We hope to see you on the Nevada Test Site field trip, but if you cannot attend, please stay tuned as we will continue to offer quarterly educational and professional networking opportunities. If you have interesting ideas for field trip locations or activities please share your idea with one of the Board members, as we are always looking for input from our members.

Jon Bell

AWMA-Nevada Section Secretary

Nevada Section Board

Chairperson: Tony Francis
tfrancis@ssalabs.com

Vice-Chairman: Kyle Hansen
Kyle.Hansen@gesnevada.com

Secretary: Jon Bell
jbell@broadbentinc.com

Treasurer: Victoria Hansen
Victoria.Hansen@gesnevada.com

Programming Director: Paul Fransioli
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Media Director: Sarah Hoffman
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Membership Director:
Michael Skromyda
Michael.skromyda@tronox.com

Chair Emeritus: John Letkeman
jletkeman@emsvegas.com



Upcoming Speakers

April 14, 2010 - Kathryn Fergus, NDEP Recycling - State of Recycling in Nevada

May 12, 2010 - Dennis Ransel, Manager of Air Quality Planning Division, DAQEM

June 9, 2010 - Mayor Goodman, with a general update on the City of Las Vegas

*Speakers and topics are subject to change. Please contact our Programming Director, Paul Fransioli, if you have a suggestion for future speakers or topics.



Monthly Section Luncheons

The Nevada Section 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 a.m. **Lunch Begins:** 11:30 a.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 **Kyle Hansen** no later than noon on Monday the week of the luncheon by calling 702-365-1001 or email **Kyle.Hansen@gesnevada.com**. All interested parties are welcome.

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

Air & Waste Management Association Hires New Executive Director



Pittsburgh, PA (January 13, 2010) – The Air & Waste Management Association (A&WMA) announces that Mike Kelly has joined the Association as Executive Director.

Mike is charged with leading Association operations and implementing business and operational strategies, growing membership, and enhancing relationships with senior government officials and industry executives.

“We are very pleased to have Mike join the A&WMA staff. Mike’s association work and career experience will be a valuable asset to A&WMA and will help our Association to expand and to reach its strategic goals,” said Bob Hall, A&WMA’s interim Executive Director.

Mike’s career spans the private, corporate, and nonprofit sectors. He has held diverse roles in a variety of industries including manufacturing, medical device, real estate, mortgage banking, housing and remodeling, professional services, micro-electronic packaging, aerospace, and automotive electronics.

Prior to joining A&WMA, Mike worked as a contractor with the Home Builder’s Association of Greater Chicago and as the Chief Executive Officer of the National Kitchen and Bath Association, the leading trade association for the kitchen and bath industry.

Mike sits as a trustee on the National Board of Destination Imagination, an international youth education and leadership nonprofit.

Mike holds a MBA in Marketing with a secondary in International Finance from Fairleigh Dickinson University. He earned a Bachelor of Science with dual majors in Business Management and Computer Decision Sciences.

Field Excursions



Republic Services Recycle Center March 24, 2010

by Paul Fransioli

About 38 members and guests were treated to an informative tour of the Republic Services Recycle Center on Gowan Road led by Bob Coyle (VP of Public Affairs and Government Relations) and Chris Detwiler (Division Manager). The tour complemented the talk given by Mr. Coyle at the Section meeting last November on new directions being taken by Republic Services to increase the local participation in recycling that is showing promising results in pilot programs in the area. The tour included seeing a new educational video to encourage recycling; walking through the facility to see the mechanical and manual stages of separating material, and preparing it for shipment to processing facilities elsewhere. Aluminum cans go to Kentucky, where their use in producing new cans saves up to 95% of the energy that would be needed starting from raw materials. Cardboard is shipped to China to produce new packaging for goods produced there. Glass, plastic and metals are processed at plants in the southwestern region. This thorough demonstration certainly dispelled the urban myth that “it just goes to the landfill” – recycling is alive in southern Nevada. If you have questions, you might contact Bob Coyle, 559-5501, coyleb@repsrv.com.



Nevada Test Site Tuesday, May 18, 2010 7:30am to 4:00pm

Please meet at the Atomic Testing Museum (ATM) at 7:30 AM, from where we will *promptly* depart at 8:00 AM. A sandwich lunch will be provided at the NTS cafeteria where you will be able choose from ham, turkey, roast beef or vegetarian. The U.S. Department of Energy, Nevada Operations Office requires each tour attendee (U.S. Citizens) to fill out a NV-205 form in order



process a badge request for entry onto the Nevada Test Site. Please note, the minimum age requirement to enter the NTS is 14 years of age. *The appropriate form(s) need to be filled out and returned to Victoria Hansen, no later than Friday, 30 April 2010.* Upon entry to the NTS, there are several items not permitted on the site. *Please see the "PROHIBITED ARTICLES ON NEVADA TEST SITE PUBLIC TOURS" form.* If you have any questions please feel free to email or call Victoria Hansen. It's going to be an exiting tour, so take this opportunity to network and mingle with colleagues!

Environmental News

EPA Defers Permitting for GHGs

On March 29, 2010, the U.S. Environmental Protection Agency (U.S. EPA) announced the signing of a final Federal Register (FR) notice that defers Prevention of Significant Deterioration (PSD) and Title V air permitting for greenhouse gases (GHGs) – see the February 2010 issue of the EQ newsletter. The notice reaffirms the policy issued under the Bush Administration that PSD permitting is not triggered for a pollutant such as GHGs until a final nationwide rule requires actual control of the pollutant. The notice further interprets that “actual control” means when the rule “takes effect” – rather than upon FR publication or the effective date of the nationwide rule. This means that the upcoming publication of rules limiting GHG emissions from cars and light trucks, which will require control of vehicles sold in the United States after January 2, 2011, does not trigger PSD and Title V permitting until after that date. The notice states that there is no “grandfathering” of pending permit applications, however, so PSD permits still in process will need to include a Best Available Control Technology (BACT) analysis for GHGs if they are not issued by January 2, 2011. Finally, U.S. EPA notes that it intends to complete final action soon on the GHG Tailoring rule that would raise the GHG emission thresholds that trigger PSD and Title V permitting. The above policy decisions are effective on March 29, 2010.

<http://www.eqm.com/>

How Wind Farms Affect Global Climate

Wind energy has been a fast growing sector of the overall energy market. It is renewable energy that can be produced on an industrial scale that can rival the older established energy sources of coal, gas, oil, hydro, and nuclear. Now, it accounts for only two percent of the whole energy market, but government officials expect wind to produce one fifth of the total electricity supply in the United States by 2030. Proponents claim wind power can reduce the threat of global warming. However, a recent study from the Massachusetts Institute of Technology (MIT) has found that the opposite is true. Mass produced wind farms can actually affect climate in a negative way.

The analysis was conducted by Ron Prinn, TEPCO Professor of Atmosphere, and Chien Wang, principal research scientist at the Department of Earth, Atmospheric, and Planetary Sciences. Using a climate model, they analyzed the effects of the massive deployment of wind turbines needed to meet the ambitious national goals. The millions

of turbines over large areas of land and sea would in themselves affect the climate.

Over land, the temperatures around wind farms would rise by one degree Celsius due their associated friction it produces with the air, similar to trees and hills. The wind farms reduce wind speed on the downwind side of the turbines. This in turn reduces the strength of the vertical turbulent motion, which is heat being transferred from the land surface into the lower atmosphere. It also decreases the flow of air from high pressure areas to low pressure areas, affecting places far from the wind turbines themselves. It is similar to temperatures at a windy beach; when the wind dies, the beach gets much warmer.

On the other hand, over water, wind turbines can lower the temperature by more than one degree Celsius. However, according to Prinn and Wang, these results were unreliable because they used artificial waves to produce surface friction in their models. They admit that better ways of simulating marine-based wind farms must be developed to produce more reliable conclusions.

The new wind patterns from massive scale wind farms might also affect precipitation, especially in the mid-latitudes of the northern hemisphere. The study found that changes could exceed ten percent in certain areas, but total changes would not be very large.

Ron Prinn, one of the authors of this study, published on February 22, 2010 in the online journal, Atmospheric Chemistry and Physics, also stated that the paper should not be regarded as an argument against the development of wind energy. He urged that it served as a guide for researching the downsides of large scale wind development, which is important before serious investments are made. Prinn states, "we haven't absolutely proven this effect, and we'd rather see that people do further research."

<http://www.enn.com/energy/article/41181>



World Environmental News

U.S., Canada Crack Down on Vehicle Emissions

The United States finalized on Thursday its first greenhouse gas emissions rules on automobiles and boosted fuel efficiency standards, moves Canada is jointly imposing on its industry.

The rules are part of President Barack Obama's goal to cut emissions of gases blamed for warming the planet by about 17 percent by 2020, under 2005 levels.

Obama wants Congress to pass a long-delayed climate bill, but to push it along, he has also set in motion steps for the Environmental Protection Agency to begin regulating the emissions from cars and large polluters like power plants.

"By working together with industry and capitalizing on our capacity for innovation, we've developed a clean cars program that is a win for automakers and drivers, a win for innovators and entrepreneurs, and a win for our planet," said Lisa Jackson, the administrator of the EPA, which finalized the rules with the Department of Transportation.

The rules, which the agencies had laid out since last year, require that cars and trucks get on average 35.5 miles per gallon (15 kilometers per liter) by 2016. The current limit is just under 25 miles per gallon. The EPA also ruled that average vehicle emissions will be limited to 250 grams of carbon dioxide per mile by 2016, down about 15 percent from 2012.

Canada's government also finalized fuel efficiency rules on Thursday. Canadian Environment Minister Jim Prentice said Canada and the United States "will effectively share common standards" for limiting vehicle greenhouse gas emissions.

The two countries are working together on proposed standards for tractor-trailer trucks, which should be released in the next few months, Prentice said.

The North American auto industry is highly interlinked, and Canada has said its strategy for emissions also hinges on U.S. policy because of the two nations' integrated economies.

PATCHWORK REGULATION AVOIDED

The U.S. vehicle emissions standards, which will be phased in starting with the 2012 model year, will reduce the country's greenhouse gas emissions by 900 million metric tons, the EPA said.

The program will add about \$52 billion in vehicle costs, but benefits should hit \$240 billion, the EPA said. The savings would come in lower fuel bills and in reduced health care costs as soot and other particulate emissions fall.

The U.S. rule will save 1.8 billion barrels of oil and 960 million metric tons of carbon emissions over the life of vehicles, equivalent to taking 58 million cars off the road for a year, the EPA said.

Oil refiners have joined other industries and lawmakers in challenging EPA's authority under the Clean Air Act to impose emissions rules on big business.

"Such misguided and flawed policy has the potential for devastating consequences to American consumers, businesses, jobs, and the economy," said Charles Drevna, the president of the National Petrochemical and Refiners Association.

But automakers support the separate vehicle regulations because it would create the first national standard for controlling car and truck emissions, superseding state plans that would have created a patchwork of regulations.

CONSUMERS GET WHAT THEY WANT

One auto dealer called the rule a victory for consumers and U.S. automakers.

"Every day customers walk into my stores asking for the same thing -- cars that go farther on a dollar. For the most part that was not an American car. Now domestic cars will become more competitive," said Adam Lee, president of Lee Auto Malls, a string of dealerships selling both foreign and domestic cars.

Many new vehicles, especially hybrid cars, already meet or exceed the planned standards. Car companies are considering a range of ways to meet the new standards including more efficient combustion engines, new fuels and batteries.

Recycling News

The rules are expected to add an average of \$950 to the cost of new vehicles, the EPA said Thursday, down about \$350 from earlier projections. That said, a driver would save about \$3,000 over the life of a vehicle when the rules are fully implemented.

Plug-in electric cars will initially get a "zero" emissions rating as an incentive, a U.S. government official told Reuters.

Now that the rules are in place, the EPA will look to limit emissions from stationary sources like power plants and factories. But the EPA's Jackson said no polluters would be regulated before 2011, in part to give Congress time to pass climate and energy legislation.

"It's entirely consistent with allowing Congress, especially the Senate, time to work on a bill, we are trying to be very mindful of where they are going as we work on regulations," Jackson said.

<http://planetark.org/enviro-news/item/57423>



Wireless Companies Support EPA's Recycling Campaign

Wireless companies will be supporting the national Plug-In To eCycling campaign through National Cell Phone Recycling Week events.

The Environmental Protection Agency's annual cell phone recycling event will run April 5-11.

The EPA's project brings together leading cell phone manufacturers and service providers to encourage con-

sumers to recycle used wireless devices, batteries, chargers and other accessories and to reduce the amount of reusable materials in landfills, including e-waste.

AT&T volunteers, the AT&T Pioneers, are organizing recycling drives through retail stores, company Web sites and community-based events.

People can drop off old cell phones from any wireless carrier at AT&T stores or download free shipping labels from www.att.com/recycle. Part of the proceeds from these efforts benefits Cell Phones for Soldiers, a charity that recycles cell phones and uses the proceeds to buy free phone cards for troops overseas.

Sprint is again offering its Buyback program that offers once-per-year account credits to customers who turn in eligible devices. Customers who want to participate in the Sprint Buyback program without going to a retail store can go to www.sprint.com/recycle or call toll-free (866) 364-5680.

Sprint also offers a program that accepts all wireless phones, batteries, accessories and data cards, regardless of carrier or condition. Free postage-paid envelopes are available at any Sprint-owned retail store. Free postage-paid mailing labels are also available on the company's web site. All net proceeds generated from the wireless equipment collected by Sprint Project Connect help keep kids safer online through Sprint's 4NetSafetySM program.

For more information on National Cell Phone Recycling Week, visit www.epa.gov/cellphones.

<http://www.wasterecyclingnews.com/headlines2.html?id=1270215295&allowcomm=true>

Join A&WMA

**Become
A Member
Today!!**



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>



**AIR & WASTE MANAGEMENT
ASSOCIATION**

Serving the environment by serving our members



Sponsorship & Advertising Opportunities

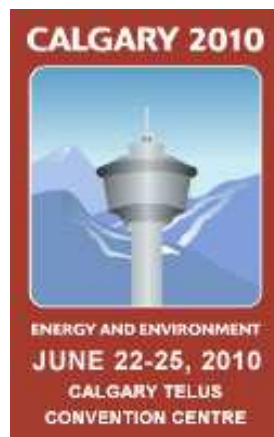
The A&WMA Nevada Section encourages interested companies to sponsor a monthly A&WMA luncheon meeting. A&WMA luncheon sponsorship will allow a firm to:

- * 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 A&WMA (Nevada Section) web page for six months and will be included in the respective 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, Sarah Hoffman.

A&WMA Nevada Section



For questions, comments, or suggestions, please contact the Media Director:

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Visit us online!!

<http://www.nvawma.org>



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