



Air Quality Subcommittee (AQS) Meeting

December 13, 2011

Pima Association of Governments

177 N. Church Ave., Suite 405
Tucson, AZ 85701

Announcements

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EVENTS OF INTEREST

[PAG's Calendar of Environmental Events](#)

U.S. Forest Service (USFS) Public Meetings on the Draft Environmental Impact Statement (DEIS) for Rosemont Mine

The Rosemont Copper Project DEIS became available for public review in October 2011, initiating a 90-day public comment period. At the end of the 90-day comment period, the USFS will consider all comments and address them prior to issuing the Final Environmental Impact Statement (FEIS).

The USFS is conducting meetings to allow public input on the DEIS. The meetings will include informational sessions and comment sessions, during which oral statements will be recorded. Citizens do not need to be present at the meetings to comment on the DEIS. For more information: www.rosemonteis.us. Below is the remainder of the currently scheduled public meetings:

- **Dec. 7, 2011:** 5:30 -8:00 p.m.; Benson High School, 360 S. Patagonia St., Benson,
- **Dec. 10, 2011:** 1:00- 5 p.m.; Elgin Elementary School, HC1 Box 36, Elgin
- **Jan. 14, 2012:** 1 p.m.-5 p.m.; Sahuarita District Auditorium, 350 W Sahuarita Rd., Sahuarita

Public Informational Meetings on Rosemont Mine's DEIS

Save the Scenic Santa Ritas and the Ski Island Alliance are holding workshops to guide people in writing comments on the Rosemont Mine DEIS. Below is a list of upcoming workshops:

www.savethescenicsantaritas.org

- **Dec. 5, 2011:** 6:30-8.00 p.m.; Cady Hall , 346 Duquesne Ave. Patagonia
- **Dec. 9, 2011:** 1:30 p.m.; Green Valley American Legion Hall,1560 W. Duval Mine Rd. Green Valley
- **Dec. 11, 2011:** 7:00 p.m.; Quail Creek - Madera Clubhouse ballroom, 2055 E. Quail Crossing Blvd., Green Valley

The Loft Cinema Presents the 'Revenge of the Electric Car'

PAG's Clean Cities Program and the Loft Cinema will host the movie and a Question and Answer session with the Director Chris Paine on **Dec. 9, 2011**, at 7:00 p.m. Additionally EV charging demonstrations and information on the Tucson EV Project will be presented. For more information, contact Colleen Crowninshield, (520) 792-1093 or (520) 449-0949 or The Loft Cinema (520) 322-(Loft) 5638.

Buffelgrass Informational Meetings and Removal

Tucson Clean and Beautiful (TCB), the Southern Arizona Buffelgrass Coordination Center and Saguaro National Park are hosting a community-based initiative to remove buffelgrass from parks, streets and neighborhoods. A series of informational meetings and days out in the community are planned to educate and train the public on removing buffelgrass and fountain grass.

Informational workshops:

- **Jan 9, 2012:** 5:30-7:30 p.m. ,Clements Center 8155 E. Poinciana Drive., South of Lincoln Park, on the east side of Pantano Rd. , between Escalante Rd. and Irvington Rd.
- **Feb. 8, 2012:** 6-8 p.m., Mount Zion Lutheran Church 4520 W. Ajo Hwy. , East of stoplight at Camino de Oeste
- **March 7, 2012:** 6-8 p.m., City of Tucson Ward 2 Council Office, 7575 E. Speedway Blvd., North side Speedway Blvd. between Kolb

Buffelgrass removal/ training:

- **Jan. 28, 2012:** *Beat Back Buffelgrass Day*, 8-10:30 a.m., Harrison/Irvington Area , 8200 E. Irvington Rd., Irvington Rd., one-half mile east of Pantano Rd
- **Feb. 18, 2012:** 8-10:30 a.m., Snyder Hill (BLM property), 7200 W. Old Ajo Hwy. At San Joaquin Rd., just north of Ajo Way and Pantano Rd.
- **March 31, 2012:** 8-10:30 a.m., Broadway/Houghton Area, 10380 E. Broadway Blvd. Meet at shopping center on southeast corner of Broadway and Houghton

For additional information and to RSVP: Caroline Patrick, program coordinator, happydesert@gmail.com or B.J. Cordova, Director of Programs, TCB Inc., tcb@tucsonaz.gov or 837-6832.

SAVE THE DAY- Beat Back Buffelgrass Day

The 5th annual *Beat Back Buffelgrass Day* will take place on **Jan. 28, 2012**. For more details: www.buffelgrass.org

11th Annual New Partners for Smart Growth Conference in San Diego

The 11th annual conference will take place **Feb. 2-4, 2012**, in San Diego. For more information: <http://www.newpartners.org/program.html>

Navigating the American Carbon World Conference 2012

Climate Action Reserve and Thomson Reuters Point Carbon will hold a conference on **April 10-12, 2012**, in San Francisco. The carbon conference will be the premier venue for carbon market participants to hear directly from regulators, learn about developments in the carbon landscape and build networks for strategic growth. www.climateactionreserve.org.

2012 Adaptation Conference

Co-hosted by the UA and by UNEP's Programme of Research on Climate Change Vulnerability, Impacts and Adaptation (PROVIA), the conference focuses on adaptation to climate variability and change. The conference will bring together researchers, policymakers and practitioners to share insights into the challenges and opportunities that adaptation presents. Details of the **May 29-31, 2012**, conference: <http://www.environment.arizona.edu/events/1444>

RESOURCES

DOE and EPA Release 2012 Annual Fuel Economy Guide

The Department of Energy (DOE) and the EPA released the 2012 Fuel Economy Guide, with information that can help consumers choose a more efficient new vehicle that saves money and reduces greenhouse gas emissions. Some 2012 models will be displaying a new fuel economy and environment label with more comprehensive fuel efficiency information, including five-year fuel costs or savings compared to the average vehicle, as well as new greenhouse gas and smog ratings. These labels are required in model year 2013, but automakers may voluntarily adopt the new labels in model year 2012. <http://www.fueleconomy.gov/>

EIA's Energy –related Carbon Dioxide Emissions Data for Individual States

The Department of Energy, Energy Information Administration (EIA) released estimates of energy-related carbon dioxide (CO₂) that are based on the States Energy Data System. The state data include a summary table with total energy-related CO₂ by state beginning in 1990, a table with emissions by fuel in 2009 and a table with emissions by sector in 2009. Detailed tables for individual states provide emissions by fuel and sector for data beginning in 1980. http://www.eia.gov/environment/emissions/state/state_emissions.cfm

EPA Launches Spanish Version of MyRTK Application

The EPA is making it easier to find information on toxic chemical releases by making the "My Right-to-Know" (myRTK) application available in Spanish. The myRTK maps the facilities that report to the Toxics Release Inventory (TRI) Program and show what chemicals are being released to air, water and land. The English and Spanish versions of myRTK are usable on smart phones and desktop computers. For more information: <http://myrtk.epa.gov/info/> or <http://www.epa.gov/tri/myrtk>. More information on TRI data: <http://www.epa.gov/tri/tridata>

Advanced Energy Design Guides

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) produced the Advanced Energy Design Guides (AEDG), a series of publications designed to provide recommendations for achieving energy savings over the minimum code requirements of ANSI/ASHRAE/IESNA Standard 90.1 This is the first step in the process toward achieving a net zero energy building. <http://www.ashrae.org/publications/page/aedq50pct>

EPA's Enforcement and Compliance History (ECHO) Online Tool

The EPA announced the release of a new mapping feature in EPA's Enforcement and Compliance History Online (ECHO) database. The map will allow the public to access federal and state enforcement information in an interactive format and to compare enforcement action information by state. The map will be refreshed monthly to include up-to-date information about the enforcement actions taken to address violations of air, water, and waste laws. Tool: <http://www.epa-echo.gov>.

GRANTS

K-12 Environmental Projects

Deadline: **March 15, 2012**. For more information: <http://www.wecanchange.com/>

FEDERAL REGISTERS AND REGULATORY NOTICES

Pima County:

Notice of Appeal of Denial of Rosemont Copper Company Permit Application No. 6112

Fennimore Craig, P.C., representing Rosemont Copper, formally appealed the denial of its permit application and submitted a Notice of Appeal in accordance with Pima County Hearing Board Rule 6.4 and Rule 233 of the PCSIP. (10/711).

http://www.deq.pima.gov/pdf/Rosemont/11-10-07_PermitDenialAppealNotice.pdf

Pima County's Department of Environmental Quality Denies Rosemont Copper Company's Air Quality Permit Application

The application was denied because Rosemont failed to provide information that would demonstrate compliance with air quality regulations required by the state of Arizona and the EPA. Information provided by Rosemont Copper Co. during the permit process indicated there was a difference between Pima County code and federal regulations. Therefore, Pima County had to deny the permit application as written. Rosemont Copper can reapply for an air quality permit and demonstrate that it can meet federal and county regulations to operate an open-pit mine in Pima County. The 90-day comment period that began Aug. 30, 2011, will be closed as a result of the permit application denial. (9/29/11)

Arizona:

Notice of Final Rulemaking Title 18: Repeal of the Clean Car Standards

The Clean Air Act (CAA) provides California and the EPA with the authority to develop new vehicle emissions standards and allows states to adopt California emissions standards that are more stringent than federal standards. However, it does not mandate that states other than California adopt the California Clean Car Program.

ADEQ has selected the Federal Greenhouse Gas and Tier 2 Standards as the appropriate control measures for Arizona, which is consistent with and no more stringent than the CAA regulations. ADEQ has determined that the Federal Tier 2 Standards are substantially similar to the California's low emission vehicle (LEV-II) standards and the federal greenhouse gas and Tier 2 standards are substantially similar to California's greenhouse gas and LEV II standards. In 2008 when Arizona adopted the California LEV Program, a strong national program did not exist. Since the federal program is substantially similar to the California program, ADEQ has determined that it is appropriate to repeal the adopted California standards and that the federal program is an appropriate control measure to improve air quality and attain the NAAQS in Arizona. The federal program will not impede Arizona's goal of promoting the market for electric vehicles and electric vehicle infrastructure, and will encourage the use of hybrid and low emission vehicles that will reduce vehicle emissions and help ensure compliance with federal health-based standards.

http://www.azdeq.gov/function/laws/download/111110nfrmw_rule%202.pdf (11/22/11)

Arizona Withdraws from Western Climate Initiative

Arizona has formally withdrawn from the Western Climate Initiative and joined a new initiative called North America 2050, which will spur energy innovation and create economic opportunities while reducing carbon emissions. The ADEQ Director said Arizona has taken the

lead along with 13 other states and four Canadian provinces in joining the North America 2050 collaborative. http://www.azdeq.gov/function/news/2011/download/111611_2.pdf (11/16/11)

Notice of Public Rule Making (NPRM): Incorporation of Codified Rules for New Source Review (NSR) into the Arizona State Implementation Plan (SIP) as a SIP Revision

Consistent with the provisions of ARS §§ 49-104, 49-404, 49-406, and the Code of Federal Regulation, Title 40, §§ 51.102 through 51.104, and Appendix V to part 51, this revision to Arizona's SIP must be submitted to the EPA by ADEQ on behalf of the governor. In addition to existing and amended rules, the SIP submission will include documentation demonstrating that the state's NSR program complies with federal NSR requirements. A public hearing on both the NPRM and the SIP submission will be held on **Dec. 8, 2011**, at 5:00 p.m. at 1110 W. Washington St, Phoenix, AZ 85007, Room 250. Written comments should be addressed, faxed, or emailed to: Steven J. Burr, sb5@azdeq.gov, Air Quality Director's Office at the same address. Documents can be found at: <http://www.azdeq.gov/cgi-bin/vertical.pl?d=2455904> (11/7/11)

Federal:

EPA's Consent Decree for Acting on Regional Haze SIPs

The EPA announced a court ordered schedule to review and act on approximately 45 Regional Haze state implementation plans (SIPs) geared toward addressing pollutants that cause regional haze. EPA initially issued a rule in 1999 requiring states to submit regional haze plans. These plans were due in December 2007. Arizona has submitted some, but not all, of the required regional haze SIP elements required. National Parks Conservation Association and other environmental groups sued the agency in August 2011, to take action on these plans. The lawsuit resulted in the development of a consent decree between EPA and the other parties.

In 2009, the EPA made a finding that 37 states, the District of Columbia and the Virgin Islands have failed to submit all or a portion of their Regional Haze SIPs. At that time, a two-year time clock began for EPA to promulgate a Federal Implementation Plan (FIP) if the states failed to address deficiencies in SIPs submitted to the EPA prior to Jan. 15, 2011. However, the EPA did not promulgate FIPs by the required deadline; subsequently, environmental groups have entered into a Consent Decree with the EPA to outline a timeline to act on outstanding SIPs. The final promulgation deadline for Arizona is November 2012. The Consent Decree (and associated timelines): <http://www.epa.gov/visibility/pdfs/20111109consentdecree.pdf> (11/9/11)

EPA Reinstates Toxics Release Inventory Reporting Requirements for Hydrogen Sulfide

The EPA has announced the reinstatement of Toxic Release Inventory (TRI) reporting requirements for hydrogen sulfide. TRI is a publicly available database that contains information on toxic chemical releases and waste management activities reported annually by certain industries and federal facilities. This action will be effective for the 2012 TRI reporting year. The first reports for the 2012 TRI reporting year are due from facilities by July 1, 2013. <http://www.epa.gov/tri/lawsandregs/hydrogensulfide/indexf.html#q1>; more information on TRI: <http://www.epa.gov/tri> (11/4/11)

Final Rule: Motor Vehicle Emission Simulator model (MOVES) Regional Grace Period Extension

EPA is extending the grace period for using MOVES for regional emissions analyses for transportation conformity determinations until **March 2, 2013**. This action does not affect the EPA's previous approval of the use of MOVES in official state air quality implementation plan (SIP) submissions or the existing grace period before MOVES is required for carbon monoxide and particulate matter hot-spot analyses for project-level conformity determinations. This rule is effective on Dec. 12, 2011, unless EPA receives adverse comment by **Nov. 14, 2011**. 40 CFR Part 93, [EPA-HQ-OAR-2011-0393; FRL-9478-1] RIN 2060-AR03 <http://www.gpo.gov/fdsys/pkg/FR-2011-10-13/html/2011-26347.htm> (10/13/11)

EPA Clarifies Implementation of the Ozone National Ambient Air Quality Standard

The memorandum clarifies the status of the ozone National Ambient Air Quality Standards (NAAQS) and outlines the implementation steps for moving forward.

<http://www.epa.gov/airquality/ozonepollution/pdfs/OzoneMemo9-22-11.pdf> (9/22/11)

DOCUMENTS OF INTEREST

United Nations Environment Programme (UNEP) Risoe Center Releases Guidebook: Technologies for Climate Change Adaptation - Water Sector. Elliott, M. et al. 2011.

<http://www.waterinstitute.unc.edu/unep-project>

Annual Energy Outlook 2011 with Projections to 2035. Department of Energy, Energy Information Administration. 2011.

<http://bookstore.gpo.gov/actions/GetPublication.do?stocknumber=061-003-01159-4>