



U.S. ARMY

# Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

June 2014

The **WESTERN REGION 9 REVIEW** provides current information on natural resource, energy, and environmental issues relevant to Department of Defense interests in the 4 states and territories that comprise Federal Region 9. The Review is intended to be a tool useful to DoD and Army leaders, planners, and program managers in carrying out their responsibilities. The Western Region 9 Review monitors and targets proposed and final regulations and legislation that may affect Army or DoD operations. To receive a copy of this electronic publication, send an email request to [nancy.l.reese2.ctr@mail.mil](mailto:nancy.l.reese2.ctr@mail.mil).



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### WGA PROTESTS WATER TRANSFER RULE DECISION

Water projects in the west have brought water from near and far to agricultural and urban areas and fueled western growth and expansion. Some western state policy organizations now believe, however, that a [recent court ruling](#) would create regulatory hurdles that would make water transfers difficult to accomplish and prohibitively expensive.

The [Western Governors' Association](#) (WGA) and the Western States Water Council (WSWC) are urging the Environmental Protection Agency (EPA) to appeal a recent decision by the U.S. District Court for the Southern District of New York that vacated the EPA's [2008 Water Transfers Rule](#). The rule excluded water transfers from permitting requirements of the National Pollutant Discharge Elimination System (NPDES) program.

A [letter](#) sent on 12 May to EPA Administrator Gina McCarthy, co-signed by WGA and WSWC, points out that water transfers historically have not been subject to the NPDES program and the federal government has deferred to the states' control of water allocation and administration within their borders.

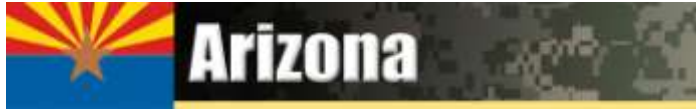
In the letter, WGA and WSWC maintain that the Clean Water Act (CWA) does not contain a clear statement from Congress that it intended the NPDES program to govern transfers. "To the contrary," the letter says, "Section 101(g) expressly states that the CWA will not supersede or abrogate the rights of states to allocate water quantities within their jurisdiction, and that water rights established by state law shall be protected."

The letter says that "western states rely on thousands of intrastate and regional transfers to move billions of gallons of water to satisfy domestic, agricultural, and industrial needs. Requiring NPDES permits for these transfers will be prohibitively expensive and could curtail certain transfers, with little if any water quality benefit."

In addition, the letter notes that such a requirement also will increase the uncertainty that already exists regarding the West's water supplies by hindering the states' ability to provide water to their citizens and economies, as well as plan for droughts, extreme events, and growing water demands.

# Region 9

For more information on any state issues in Region 9, contact [Tim Kilgannon](#), Region 9 Environmental Coordinator (303) 844-0953.



**COMMUNITY RIGHT-TO-KNOW PROGRAM FEES** The Arizona Emergency Response Commission [is proposing](#) to assess fees for businesses filing Tier II reports under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA). This action is being taken in response to [House Bill 2174 \(2013\)](#), which authorized the commission to assess fees to implement the state community right-to-know program. Comments are due 15 JUN 14. For more information, contact [Travis Schulte](#) at (602) 267-2732.

## ***LEGISLATIVE DEVELOPMENTS***

The [2014 Arizona legislative session](#) began 13 JAN 14 and adjourned 24 APR 14. For information about legislation in 2014, refer to the [May 2014](#) edition of the Review.



## ***AIR***

**CALIFORNIA SIP EMISSIONS INVENTORY** The California Air Resources Board (CARB) [scheduled](#) a public meeting to consider approval of the ozone eight-hour emission inventory as a revision to the California State Implementation Plan (SIP) for the state's non-attainment areas for the 2008 eight-hour ozone standard. If approved, CARB will submit the emissions inventory to the EPA for approval as a revision to the California SIP. Comments are due 23 JUN 14. The public meeting is scheduled for 26 JUN 14. For more information, contact Steve Zelinka at (916) 445-2199.

**AREA DESIGNATIONS** CARB [adopted amendments](#) to state regulations designating areas of California as attainment, nonattainment, nonattainment-transitional, or unclassified for pollutants with state ambient air quality standards. The final rules are effective 1 JUL 14. For more information, contact Webster Tasat at (916) 323-4950.

**ANTELOPE VALLEY AIR POLLUTION RULES** The Antelope Valley Air Quality Management District [is proposing](#) amendments to [Rule 701](#) (Air Pollution Emergency Contingency Actions). The amendments replace out-of-date references, update rule format, and adjust episode criteria for particulate matter (PM) emissions. A public hearing was held 20 MAY 14. For more information, contact Barbara Lods at (661) 723-8070 extension 3.

**MOHAVE DESERT: OIL WATER SEPARATOR EMISSIONS** The Mohave Desert Air Quality Management District [is proposing](#) amendments to [Rule 464](#) (Oil-Water Separators). The amendments address the reasonably available control technology (RACT) SIP Analysis commitments. The proposed amendments update rule applicability, definitions, floating cover seal tolerances, control device efficiency, fugitive vapor leak monitoring violation limits, storage of skimmed oil and tar, recordkeeping, and test methods. The amendments are primarily based on San Joaquin Valley Unified Air Pollution Control District Rule 4625 (Wastewater Separators) and South Coast Air Quality Management

District Rule 1176 (Volatile Organic Compound (VOC) Emissions from Wastewater Systems). Comments are due 19 JUN 14. A public hearing is scheduled for 23 JUN 14. For more information, contact Tracy Walters at (760) 245-1661, extension 6122.

**MOHAVE DESERT: PERMIT FEES** The Mohave Desert Air Quality Management District [is proposing](#) to increase air permit fees to reflect changes in the consumer price index. The district, at the request of EPA, is in the process of implementing the developmental stages of a Prevention of Significant Deterioration (PSD) program. This program will require additional analysis for certain large new or modified facilities. The language proposed will allow the district to charge for such analysis as part of the existing complex source analysis fee. The district is proposing to re-adopt language allowing for the collection of California Environmental Quality Act (CEQA) pass through fees. These fees are incurred by the district in conjunction with environmental review for permitting a particular facility. The CEQA provision was proposed in the previous amendment, but inadvertently left out of the final version. Comments are due 19 JUN 14. A [public hearing](#) is scheduled for 23 JUN 14. For more information, contact Jean Bracy at (760) 245-1661, extension 6214.

**SAN DIEGO: EXEMPTIONS FROM AIR PERMIT REQUIREMENTS** The San Diego County Air Pollution Control District [is proposing](#) amendments to [Rule 11](#) (Exemptions from Rule 10 Permit Requirements). Rule 11 provides exemptions for equipment, operations, and processes which otherwise would require a Permit to Operate in accordance with district [Rule 10](#). The proposed amendments will add several new exemptions from permit requirements for equipment and processes that do not constitute significant sources of air pollution. Additionally, two existing exemptions are proposed for deletion, and several existing exemptions are proposed for revisions to update the specified criteria for exemption. Clarifications were also made to several definitions and exemptions. A [public workshop](#) was held 9 JUN 14. For more information, contact Anglea Durr at (858) 586-2753.

**SAN JOAQUIN: OZONE STANDARD** The San Joaquin Valley Air Pollution Control District [announced](#) a public workshop to present and receive comments on the development of the upcoming plan for the 2008 eight-hour ozone standard. The district also invited comment on the Draft 2014 RACT Demonstration for the Eight-Hour Ozone SIP. A public hearing was held 23 MAY 14. Comments were due 2 JUN 14. For more information, contact [Chelsea Gonzales](#) at (559) 230-6100.

**SOUTH COAST: RACT SIP** The South Coast Air Quality Management District [held](#) a public hearing to present and solicit comments from the public regarding its RACT SIP submittal. The RACT SIP submittal focuses on the reduction of the nitrogen oxide (NOx) and VOC emissions, which are precursors to ozone. The objective of the RACT SIP submittal is to determine and certify that existing district rules fulfill RACT for the eight-hour ozone national ambient air quality standards (NAAQS). A public hearing was held 6 JUN 14. Comments were due 27 MAY 14. For more information, contact Barbara Radlein at (909) 396-2716.

**SOUTH COAST: FEES** The South Coast Air Quality Management District [is proposing](#) to increase fees. The proposed amendments consist of an automatic consumer price index increase of 1.6% applicable to most fee rates, an additional 3% increase in permit processing and annual operating permit renewal fees for FY 2014/2015, and an additional 3% (cumulative 6%) for FY 2015/2016. A [public hearing](#) was held 6 JUN 14. For more information, contact [Tuyet-le Pham](#) at (909) 396-3299.

**SOUTH COAST: EXEMPT COMPOUNDS** The South Coast Air Quality Management District [added](#) trans-1-chloro-3,3,3-trifluoropropene (also known as HFO-1233zd) to the list of VOC-exempt compounds in [Rule 102](#) (Definition of Terms). This action was taken in response to a recent EPA action that delisted this compound because of its negligible photochemical reactivity. The final rule was effective 22 MAY 14. For more information, contact [Rizaldi Calungcagin](#) at (909) 396-2315.

## ***CLIMATE CHANGE***

**GHG EMISSIONS REDUCTIONS FOR MEDIUM AND HEAVY-DUTY TRUCKS AND ENGINES** CARB is proposing new regulations and amended greenhouse gas (GHG) emission standards for medium and heavy duty engines and vehicles. This action would:

- Adopt a new rule establishing GHG emission standards for medium and heavy-duty engines and vehicles;
- Align existing Heavy-Duty Vehicle GHG Emission Reduction Regulation (also referred to as the Tractor-Trailer GHG regulation) with EPA Phase I GHG Regulation;
- Expand compliance responsibility to limit diesel-fueled, motor vehicle idling under the Airborne Toxic Control Measure (ATCM);
- Alter certification requirements for certain vehicles; and
- Adopt new NOx standards for heavy-duty vehicle engines.

CARB [released revisions](#) to proposed text and made additional documents and information available to the public on 27 MAY 14. Comments are due 11 JUN 14. For more information, contact Trini Balcazar at (916) 445-9564, or visit the [rulemaking website](#).

## ***ENERGY***

**BUILDING CODES: ELECTRIC VEHICLE CHARGING** The Building Standards Commission [is proposing](#) to adopt, approve, codify, and publish changes to building standards contained in the California Code of Regulations (CCR), Title 24, Part 3. The commission is proposing building standards related to electric vehicle charging. Comments were due 9 JUN 14. For more information, contact [Enrique Rodriguez](#) at (916) 263-0845.

## ***TOXICS***

**PESTICIDE LICENSING FEE INCREASE** The Structural Pest Control Board [is proposing](#) to increase examination fees for Applicators, Field Representatives, and Operators by \$40. The increase is intended to cover costs associated with computer based testing. Comments are due 9 JUL 14. A public hearing is scheduled for 10 JUL 14. For more information, contact [David Skelton](#) at (916) 561-8700.

**PROPOSITION 65: ETHYLENE GLYCOL** The California Office of Environmental Health Hazard Assessment (COEHHA) [is proposing](#) to list ethylene glycol as a chemical known to cause cancer, under Proposition 65. Comments are due 11 JUN 14. For more information, contact [Cynthia Oshita](#) at (916) 445-6900, or visit COEHHA's [website](#).

## ***WATER***

**RECYCLED WATER** The State Water Resources Control Board [released a second revised notice of public meeting](#) to receive public comments on the proposed General Waste Discharge Requirements for Recycled Water Use (General Order). The State Water Board may adopt the General Order at the end of the meeting. The state board is preparing the General Order that will be used by the regional water quality control boards to streamline permitting of recycled water uses that typically are a relatively low threat to water quality. Recycled water is water which, as a result of treatment of waste, is suitable for reuse that would not otherwise occur. The meeting was held 3 JUN 14. Comments were due 27 MAY 14. For more information, contact [David Balgobin](#) at (916) 341-6914, or visit the board's [Land Disposal Program website](#).

**SANTA ANA REGIONAL SALT MANAGEMENT PLAN** The California Water Resources Control Board [is inviting public comment](#) on its proposed approval of amendments to the [Water Quality Control Plan for the Santa Ana River Basin](#). The amendments incorporate the statewide [Onsite Wastewater Treatment Systems Policy](#) and update the Salt Management Plan for the Santa Ana Region (Basin Plan amendments). The [Basin Plan amendments](#) were adopted by

the Santa Ana Water Board on 25 APR 14. Comments are due 23 JUN 14. For more information, contact [Hope Smythe](#) at (951) 782-4493.

**UNITED PROGRAM SURCHARGE ASSESSMENT FOR ABOVEGROUND PETROLEUM STORAGE** California is proposing adjustments to the [Unified Program](#) state surcharge. The Unified Program state surcharge is an assessment on each entity regulated under the Unified Program and is used to fund the necessary and reasonable costs of all state agencies responsible for program implementation, ongoing maintenance and oversight of the Unified Program. The state proposes a yearly assessment of \$26.00 applicable to each tank facility regulated under the Aboveground Petroleum Storage Act (APSA) program. The APSA assessment will be part of the Unified Program state surcharge and will become effective immediately upon final publication in the California Regulatory Notice Register, applicable to fiscal year 2014/2015.

**GROUNDWATER POLLUTION FROM PESTICIDES** The Department of Pesticide Regulation is [proposing](#) to update the list of pesticides that have the potential to pollute ground water in California. The proposed action will also remove pesticides unlikely to pollute ground water. This action would amend section 6800(b) of Title 3, California Code of Regulations. Comments are due 16 JUN 14. For more information, contact Linda Irokawa-Otani at (916) 445-3991.

### **LEGISLATIVE DEVELOPMENTS**

The [2014 California legislative session](#) began 5 JAN 14 and adjourns 30 NOV 14. A \*\* indicates the bill topic changed significantly.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AIR / CLIMATE CHANGE</b>				
<a href="#">AB 147</a> <i>Assemblyman Manuel Perez (D)</i> Proposes to specify certain actions be completed concerning dust mitigation in the Salton Sea. Pertains to abatement of dust from the Salton Sea caused by other water transfers under the Quantification Settlement Agreement.	✓	✓		
<a href="#">AB 278</a> <i>Assemblyman Mike Gatto (D)</i> Proposes to change how the California Air Resources Board scores low carbon fuels. Requires the board to consider specific issues including deforestation, environmental law in place for the fuel's origin, and disruptions in food supply or costs.	✓	✓		
<a href="#">AB 1639</a> <i>Assemblywoman Shannon Grove (R)</i> Proposes to specify how monies collected for the Greenhouse Gas Reduction Fund may be spent. Specifies that monies should be expended to achieve the maximum technologically feasible and cost-effective reduction in greenhouse gas emissions.	✓			
<a href="#">AB 1970</a> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to create the Community Investment and Innovation Program, supported by the Greenhouse Gas Reduction Fund.	✓			
<a href="#">AB 2050</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to amend requirements for the scoping plan developed per the Global Warming Solutions Act of 2006. Requires specific elements be included in the scoping plan. Establishes the Scoping Plan Advisory Council.	✓	✓		
<a href="#">AB 2083</a> <i>Assemblywoman Beth Gaines (R)</i> Proposes to make changes to rules relating to state mandated greenhouse gas emission reductions.	✓			



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<a href="#">AB 2348</a> <i>Assemblyman Mark Stone (D)</i> Proposes to establish the Natural Resources Climate Improvement Program to assist in the development and implementation of integrated natural resources projects that maximize greenhouse gas emissions reductions or sequestration. Authorizes expenditures from the Greenhouse Gas Reduction Fund.	✓			
<a href="#">SB 605</a> <i>Senator Ricardo Lara (D)</i> Proposes to require the California Air Resources Board, when updating the greenhouse gas scoping plan, to include specified criteria. Requires all greenhouse gas emissions reductions be achieved within the state in areas that are most impacted by greenhouse gases and other pollutants.	✓	✓		
<a href="#">SB 1122</a> <i>Senator Fran Pavley (D)</i> Proposes to appropriate monies from the Greenhouse Gas Reduction Fund for programs to support the implementation of sustainable communities strategies, alternative transportation plans, or other regional greenhouse gas emission reduction plans within a developed area.	✓			
<a href="#">SB 1125</a> <i>Senator Fran Pavley (D)</i> Proposes to repeal requirements in the Global Warming Solutions Act for the Air Resources Board to report on greenhouse gas reduction timetables.	✓			
<a href="#">SB 1156</a> <i>Senator Darrell Steinberg (D)</i> Proposes to impose a carbon tax of an unspecified amount per ton of carbon dioxide equivalent emissions on suppliers of fossil fuels.	✓			
<b>ENERGY</b>				
** <a href="#">AB 407</a> <i>Assemblyman V. Manuel Perez (D)</i> This bill formerly addressed the New River improvement project. It now addresses renewable energy sources in the Salton Sea. Proposes to require the State Energy Resources Conservation and Development Commission to develop renewable energy resources in and around the Salton Sea Known Geothermal Resource Area and the Geysers Geothermal Field.	✓	✓		
<a href="#">AB 1014</a> <i>Assemblyman Das Williams (D)</i> Proposes to create the Green Tariff and Shared Renewable Generation program.	✓	✓		
<a href="#">AB 1624</a> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to authorize the Public Utilities Commission to collect funds for the self generation program. Requires electrical corporations to administer the program for distributed energy resources.	✓			
<a href="#">AB 1763</a> <i>Assemblyman Henry T. Perea (D)</i> Proposes to make changes to existing requirements related to California State Energy Resources Conservation and Development Commission forecasts.	✓	✓		
<a href="#">AB 1935</a> <i>Assemblywoman Nora Campos (D)</i> Proposes to require Public Utilities Commission to study and submit a report to the Legislature and the Governor on the impacts of clean distributed energy resources on the state's distribution and transmission grid.	✓	✓		

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<a href="#">AB 2229</a> <i>Assemblyman Steven Bradford (D)</i> Proposes to require the Public Utilities Commission and the DoD to identify all achievable cost-effective electricity and natural gas efficiency savings at military bases/facilities. Establishes targets.	✓	✓		
<a href="#">AB 2334</a> <i>Assemblyman Adam Gray (D)</i> Proposes to require the Public Utilities Commission to develop an economic pilot program to encourage new business activity at 3 former military bases. Requires the pilot program to run for 7 years and provide discounted rates to new and existing eligible businesses.	✓			
<a href="#">AB 2363</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to specify methods for calculating costs for renewable energy.	✓	✓		
<a href="#">AB 2390</a> <i>Assemblyman Al Muratsuchi (D)</i> Proposes to develop a Low Carbon and Renewable Fuels Credit Reserve to facilitate the development of renewable and low carbon transportation fuel projects in California.	✓			
<a href="#">AB 2649</a> <i>Assemblyman Kevin Mullin (D)</i> Proposes to authorize a military installation to exceed the one megawatt net metering capacity limit. Provides that each physically separate building within privatized residential housing communities is a separate premise for the purposes of the one megawatt limit, as it would be in a civilian community.	✓			
<a href="#">SB 1078</a> <i>Senator Hannah-Beth Jackson (D)</i> Proposes to require independent system operators (nonprofit energy corporations) to use "cost-effective demand side and renewable energy resources" to meet the needs of the state's electricity consumers.	✓			
<a href="#">SB 1139</a> <i>Senator Ben Hueso (D)</i> Proposes to amend rules for grants and loans to facilitate development of geothermal energy.	✓	✓		
<a href="#">SB 1195</a> <i>Senator Alex Padilla (D)</i> Proposes to repeal requirements related to electrical restructuring. Repeals provisions related to reporting, calculation of energy credits, cost recovery plans, peak load, determination of rates, and recovery of certain employee costs.	✓	✓		
<b>LAND USE</b>				
<a href="#">AB 1799</a> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to amend financial requirements associated with conservation easements. Eliminates certain financial requirements for credit worthy governmental and nonprofit organizations.	✓			
<a href="#">AB 1961</a> <i>Assemblywoman Susan Eggman (D)</i> Proposes to require each county with significant agricultural land resources to develop a sustainable farmland strategy.	✓			
<a href="#">SB 1289</a> <i>Senator Jean Fuller (R)</i> Proposes to transfer additional state lands near the Johnson Valley Off-Highway Vehicle Recreation Area for off-highway vehicle recreation.	✓			

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<b>NATURAL RESOURCES</b>				
<b>AB 1514</b> <i>Assemblywoman Lorena Gonzalez (D)</i> Proposes to authorize the Department of Fish and Wildlife to enter into an agreement to prepare a natural community conservation plan. Provides for management and conservation of wildlife species, including those not listed as endangered or threatened. Authorizes a person or local, state, or federal agency to undertake natural community conservation planning.	✓			
<b>AB 2193</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to enact the Habitat Restoration and Enhancement Act. Creates a fund to be used for habitat restoration. Establishes fees.	✓	✓		
<b>AB 2409</b> <i>Assemblyman Ken Cooley (D)</i> Proposes to allow the Department of Fish and Wildlife to enter into land use contracts with public agencies to conserve waterfowl habitat.	✓			
<b>AB 2417</b> <i>Assemblyman Adrin Nazarian (D)</i> Proposes to exempt recycled water distribution systems from California Environmental Quality Act requirements.	✓	✓		
<b>AB 2629</b> <i>Assemblyman Richard Bloom (D)</i> Proposes to expedite the review and approval process for certain conservation or mitigation banks where the proponent already has a federally approved conservation or mitigation bank for the species.	✓			
<b>SB 1184</b> <i>Senator Fran Pavley (D)</i> Proposes to require the San Francisco Bay Conservation and Development Commission to protect San Francisco Bay area residents from potential inundation and flooding from sea level rise by preparing a regional resilience strategy for adapting to rising sea levels.	✓			
<b>SB 1194</b> <i>Senator Ben Hueso (D)</i> Proposes to state the intent of the Legislature to reduce plastic debris in the marine environment, reduce financial burdens for reducing plastic pollution, and provide resources for local pollution prevention and infrastructure projects.	✓			
<b>OTHER</b>				
<b>AB 2117</b> <i>Assemblyman K.H. Katcho Achadjian (R)</i> Proposes to eliminate a requirement related to noise in land use planning requirements.	✓	✓		
<b>AB 2341</b> <i>Assemblywoman Sharon Quirk-Silva (D)</i> Proposes to add a reporting process requiring local educational agencies to report the enrollment of pupils of military families, with the intent of removing barriers to educational success due to frequent moves.	✓	✓		
<b>AB 2545</b> <i>Assemblywoman Bonnie Lowenthal (D)</i> Proposes to make changes to laws governing allegations of sexual assault by members of the military. Addresses access to the victims' compensation fund.	✓	✓		



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<a href="#">AB 2657</a> <i>Assemblyman Richard Bloom (D)</i> Proposes to limit the application of specified anticoagulant pesticides in "environmentally sensitive" areas.	✓	✓		
<a href="#">SB 1117</a> <i>Senator Bill Monning (D)</i> Proposes to revise information that the Department of Pesticide Regulation is required to post on its website. Expands the ability of the department to continue to authorize the use certain pesticides that have migrated to groundwater.	✓	✓		
<a href="#">SB 1421</a> <i>Senator Jean Fuller (R)</i> Proposes to amend funding for construction at public elementary and secondary schools. Provides matching funding to schools that are located on U.S. military bases and eligible for federal construction funding assistance.	✓	✓		
<b>WASTE</b>				
** <a href="#">AB 215</a> <i>Assemblyman Wesley Chesbro (D)</i> The topic of this bill previously concerned rigid plastic packaging containers. The bill was amended and now addresses school employee dismissal processes. The bill topic no longer falls within the scope of the Review. The bill will not appear again.	✓	✓		
<a href="#">AB 467</a> <i>Assemblyman Mark Stone (D)</i> Proposes to require the California State Board of Pharmacy to license a surplus medication collection and distribution intermediary to facilitate the connection of participating entities under the unused medication repository and distribution program. Prohibits the intermediary from taking possession, custody, or control of dangerous drugs and devices, and authorizes him or her to charge specified fees for the costs of services.	✓	✓	✓	Signed by Governor
<a href="#">AB 1594</a> <i>Assemblyman Das Williams (D)</i> Proposes to amend requirements for city, county, and regional agency integrated waste management plans. Amends requirements pertaining to source reduction and recycling elements in these plans. Authorizes rules governing the use of green material as alternative daily cover under certain conditions.	✓			
<a href="#">AB 1826</a> <i>Assemblyman Wesley Chesbro (D)</i> Proposes to require local jurisdictions to implement an organic waste recycling program. Authorizes fees for generators of organic wastes.	✓	✓		
<a href="#">AB 1966</a> <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Department of Toxic Substances Control to periodically update its references to the EPA document SW 846 <i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> in state hazardous waste regulations.	✓			
<a href="#">AB 2251</a> <i>Assemblywoman Mariko Yamada (D)</i> Proposes to specify that advertisements reflect beverage container deposit/redemption costs in accordance with the state bottle bill.	✓	✓		
<a href="#">AB 2666</a> <i>Assemblyman Tom Daly (D)</i> Proposes to amend the term "person" as used in the Electronic Waste Recycling Act of 2003, to exclude the United States and its agencies and instrumentalities.	✓			

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<p><a href="#">SB 712</a>  <i>Senator Ricardo Lara (D)</i>  Proposes to require the California Department of Toxic Substances Control to take final action on an application for a hazardous waste facilities permit submitted by a facility operating under interim status on or before 1 JAN 86, by either issuing a final permit or a final denial. Requires the department to issue a final decision by 31 DEC 15.</p>	✓	✓		
<p><a href="#">SB 812</a>  <i>Senator Kevin De Leon (D)</i>  Proposes to amend the permit application process for facilities that treat, store, or dispose of hazardous waste. Addresses interim hazardous waste permits.</p>	✓	✓		
<p><a href="#">SB 1261</a>  <i>Senator Hannah-Beth Jackson (D)</i>  Proposes to increase fees from hazardous material and hazardous waste activities to fund emergency response costs. Makes changes to hazardous material business plan requirements. Revises information that must be included in business plans. Makes changes to certain exemptions from the business plan requirement for remote unstaffed locations. Shortens the review/re-submittal period for business plans from once every three years to every year. Requires business plans be publicly available.</p>	✓			
<b>WATER</b>				
<p><a href="#">AB 155</a>  <i>Assemblyman Luis Alejo (D)</i>  Proposes to require the Monterey County Water Resources Agency to establish a comprehensive Salinas River Management Program. Requires the agency to establish a steering committee to develop the program.</p>	✓	✓		
<p><a href="#">AB 282</a>  <i>Assemblyman Bob Wieckowski (D)</i>  Proposes to increase the fee to store petroleum in an underground storage tank by \$0.006 per gallon until 2016.</p>	✓	✓		
<p><a href="#">AB 371</a>  <i>Assemblyman Rudy Salas (D)</i>  Proposes to allow the Kern County Board of Supervisors to regulate or prohibit by ordinance, in a manner more stringent than state or federal law, the land application of sewage sludge in unincorporated areas under the county's jurisdiction.</p>	✓	✓		
<p><a href="#">AB 467</a>  <i>Assemblyman Mark Stone (D)</i>  Proposes to require the state board, in expending moneys from the Freshwater Protection Fund, to prioritize programs that provide drinking water solutions for disadvantaged and severely disadvantaged communities.</p>	✓	✓	✓	Signed by Governor
<p><a href="#">AB 687</a>  <i>Assemblyman Roger Hernandez (D)</i>  Proposes to amend regulations related to the Department of Water and direct transactions between electricity suppliers and end users. Adds requirements related to cleanup of contaminated groundwater.</p>	✓	✓		
<p><a href="#">AB 1445</a>  <i>Assemblyman Dan Logue (R)</i>  Proposes to create the Safe, Clean, and Reliable Drinking Water Supply Act of 2014 to authorize the issuance of bonds to finance a safe drinking water and water supply reliability program.</p>	✓			
<p><a href="#">AB 1632</a>  <i>Assemblywoman Kristin Olsen (R)</i>  Proposes to make changes to the water rights beneficial uses program.</p>	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<a href="#">AB 1671</a> <i>Assemblyman Jim Frazier (D)</i> Proposes to prohibit the state from constructing water facilities as part of a specified water conveyance system unless authorized by the legislature.	✓			
<a href="#">AB 1707</a> <i>Assemblyman Scott Wilk (R)</i> Proposes to make changes to state laws governing state and regional water quality control boards and implementation of the national pollutant discharge elimination system permitting program.	✓			
<a href="#">AB 1807</a> <i>Assemblyman Brian Dahle (R)</i> Proposes to make technical changes to laws governing state and regional water quality control board management of federal and state discharge permit programs.	✓			
<a href="#">AB 1808</a> <i>Assemblyman Brian Dahle (R)</i> Proposes to make technical changes to the California State Drinking Water Act.	✓			
<a href="#">AB 2049</a> <i>Assemblyman Brian Dahle (R)</i> Proposes to change requirements related to water treatment facilities. Limits the use of point-of-entry and point-of-use treatment (in lieu of centralized treatment) to water systems with less than 500 service connections.	✓	✓		
<a href="#">AB 2179</a> <i>Assemblyman Adam Gray (D)</i> Proposes to require the state board to establish standards and goals for achieving water use efficiency, in conjunction with the University of California, Merced.	✓			
<a href="#">AB 2189</a> <i>Assemblyman Adam Gray (D)</i> Proposes to make changes to groundwater replenishment districts and replenishment assessments. Addresses public notice and public hearing requirements.	✓			
<a href="#">AB 2269</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			
<a href="#">AB 2403</a> <i>Assemblyman Anthony Rendon (D)</i> Proposes to modify the definition of water to include recycled water and stormwater intended for water service. Makes legislative findings.	✓	✓		
<a href="#">AB 2432</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to make technical changes to state rules governing drinking water and public water systems.	✓			
<a href="#">AB 2446</a> <i>Assemblywoman Marie Waldron (R)</i> Proposes to make changes to rules for recycled water.	✓	✓		
<a href="#">AB 2619</a> <i>Assemblywoman Beth Gaines (R)</i> Proposes to prohibit provisions related to operation and/or maintenance of "fishways" associated with dams during critically dry years.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<a href="#">AB 2680</a> <i>Assemblyman Adrin Nazarian (D)</i> Proposes to make amendments to legislative findings and declarations in the Porter-Cologne Water Quality Control Act.	✓			
<a href="#">AB 2725</a> <i>Assemblywoman Cheryl Brown (D)</i> Proposes to promote urban waterway restoration. Adds a requirement for the Department of Water Resources to release information about urban waterway restoration with its releases of other California Water Plan data. Specifies urban waterway restoration as a beneficial use.	✓			
<a href="#">AB 2737</a> <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to collect data on drinking water quality in schools and communities in Fresno, Imperial, and Monterrey counties. Evaluates nitrite and arsenic levels in drinking water in disadvantaged communities.	✓			
<a href="#">SB 104</a> <i>Committee On Budget And Fiscal Review</i> Proposes to establish fees for violations of water use permits, unauthorized water use/transfer, and water trespass during drought/dry years.	✓	✓	✓	Signed by Governor
<a href="#">SB 985</a> <i>Senator Fran Pavley (D)</i> Proposes to require a county or district stormwater resource plan to identify opportunities to use existing publicly owned lands to capture and reuse stormwater.	✓	✓		
<a href="#">SB 1168</a> <i>Senator Fran Pavley (D)</i> Proposes to enact the Sustainable Groundwater Management Act. Authorizes the development of a sustainable groundwater management plan.	✓	✓		
<a href="#">SB 1259</a> <i>Senator Fran Pavley (D)</i> Proposes to amend requirements related to maintenance and operation of flood control facilities in the Central Valley. Addresses dam siltation.	✓	✓		
<a href="#">SB 1319</a> <i>Senator Fran Pavley (D)</i> Proposes to amend the Lempert-Keene-Seastrand Oil Spill Prevention and Response Act. Requires the California oil spill contingency plan to consider additional elements, including physical and chemical properties of transported oil.	✓	✓		
<a href="#">SB 1420</a> <i>Senator Lois Wolk (D)</i> Proposes to add a reporting element to water management plans developed by water suppliers. Requires reporting of water loss.	✓	✓		



## **LEGISLATIVE DEVELOPMENTS**

The [2014 Hawaii legislative session](#) began 15 JAN 14 and adjourned 1 MAY 14.

In addition, the [Guam 32<sup>nd</sup> legislative session](#) began 14 JAN 13 and adjourns 31 DEC 14.

[BCOR 11-32](#) proposes to create the Guam Coral Reef Protection Act. The act includes notification provisions for any person who damages corals and provides for civil and other penalties. Introduced 10 JAN 14.

[RCOR 186-32](#) proposes to request the United States permanently station a Terminal High Altitude Area Defense (THAAD) system and Patriot Missile Defense System on Guam. Introduced 15 JUL 13.

[RCOR 189-32](#) proposes to adopt Zero Waste as a guiding principle for sustainable materials management and to adopt a Zero Waste Plan for Guam to preserve the Lanyon landfill. Introduced 17 JUL 13.

[BLS 279-32](#) proposes that Guam EPA conduct a one-year pilot project demonstrating the ability of Guam to develop a beneficial use for discarded glass bottles. Introduced 20 FEB 14, Passed 9 MAY 14, [Vetoed](#) 9 MAY 14.



**AMBIENT AIR QUALITY STANDARDS** The Nevada Environmental Commission (NSEC) [is proposing](#) to [align](#) state standards with federal NAAQS. The proposed regulation revises the nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), and fine particulate matter (PM<sub>2.5</sub>) standards in the Nevada Standards column of Nevada Administrative Code (NAC) [445B.22097](#). This action is being taken in response to an EPA determination that the Nevada SIP is deficient in its implementation of the 2006 PM<sub>2.5</sub> NAAQS. EPA also [determined](#) the state must address the 2010 one-hour NO<sub>2</sub> and SO<sub>2</sub> standard. The NSEC will consider approval of the proposed revisions at its 8 OCT 14 regulatory meeting.

### ***LEGISLATIVE DEVELOPMENTS***

[Nevada does not hold a legislative session](#) in 2014.

# Department of Defense Activity

### ***ARMY POLICY AND GUIDANCE***

**STRATEGIC PLAN FOR DOD BIRD CONSERVATION AND MANAGEMENT** The *Strategic Plan for Bird Conservation and Management on DoD Lands, 2014* is a compilation of current best management practices and suggested focus areas to help commanders comply with the [Migratory Bird Treaty Act](#), [Bald and Golden Eagle Protection Act](#), [Executive Order \(EO\) 13186](#), the [Memorandum of Understanding \(MOU\)](#) associated with the EO, and the final rule on the [take of migratory birds by the Armed Forces](#). The plan is posted on the [DoD Natural Resources website](#). Contact [Paul Block](#) for access, or [request a copy](#) of the strategic plan.

**ARMY DIRECTIVE FOR MINERAL LEASING** On 23 MAY 14, the Secretary of the Army signed [Army Directive 2014-13](#) (Minerals Leasing Policy). The directive establishes the Assistant Secretary of the Army, Installations, Energy, and Environment (ASA (IE&E)) as the approval authority for mineral leasing on Army military land and provides guidance for preparing installation-level mineral leasing plans. The directive tasks the U.S. Army Corps of Engineers (USACE) to update the applicable Army Regulation to incorporate the new policy elements.

**ARMY AND DOD POLICY ON WATER RIGHTS** On 23 MAY 14, John Conger, Acting Deputy Under Secretary of Defense (Installations and Environment) issued a water rights memorandum to the Departments of Army, Navy, and Air Force describing DoD's water rights policy. The memorandum is intended to ensure DoD has taken adequate measures to plan, prepare, and provide for an adequate water supply to meet installation needs. In addition, on 12 MAY 14, the



Secretary of the Army issued new [Army Directive 2014-08](#) (Water Rights Policy for Army Installations in the United States). The policy directs all Army installations in the U.S. to identify, acquire, and preserve water rights for ground and surface water, consistent with mission requirements and mission sustainment. The directive requires the Office of the Assistant Chief of Staff for Installation Management (OACSIM) to report on the current state of the Army's water rights including an assessment of the sufficiency of existing water rights to meet mission requirements. OACSIM is required to issue implementing guidance to execute this policy within 180 days and incorporate the guidance into the next revision of Army Regulation (AR) 405-80 (Management of Title and Granting Use of Real Property) and 420-1 (Army Facilities Management), as appropriate.

**MDA TO DEVELOP NEPA PROCEDURES** The Missile Defense Agency (MDA) intends to establish National Environmental Policy Act (NEPA) implementing procedures and categorical exclusions (CATEXs) specific to MDA projects and actions ([79 FR 26213](#)). As a DoD agency, MDA does not own real property. Because most MDA actions typically occur on host military service installations or ranges, or other federal agency properties, MDA historically relied upon host installation or federal agency NEPA implementation, including their implementing procedures and CATEXs. Under the proposed policy, MDA (as a tenant) will work with the host agency/service to fulfill MDA and host implementing regulations (or procedures) and guidance in complying with NEPA and related EOs. Comments were due 6 JUN 14. For more information, contact [Eric Sorrells](#) at (256) 450-2677.

## ***ENERGY***

**SUNZIA TRANSMISSION LINE TO CROSS WHITE SANDS MISSILE RANGE** Under the terms of a compromise, DoD [dropped its objection](#) to the proposed SunZia transmission line if the developer agrees to bury a portion of the line that transverses the northern portion of White Sands Missile Range (WSMR) and agrees to three other concessions. The Massachusetts Institute of Technology's (MIT's) Lincoln Laboratory conducted a study of the transmission line project and determined that burying certain portions of the line would allow the range to continue low-altitude flight operations. DoD requested concessions include not holding the military responsible for future damages to the line, not allowing construction and maintenance to interfere with WSMR operations, and adopting adjustments to one portion of the line. In addition, DoD wants the developer to agree to other adjustments, such as altering the height of certain towers and adding more space between certain towers.

## ***REPORTS AND STUDIES***

**SUSTAINABLE RANGES** The Government Accountability Office (GAO) issued a report finding that the DoD's [2014 Sustainable Ranges Report](#) met annual reporting requirements ([GAO-14-517](#)). Section 366 of the National Defense Authorization Act for Fiscal Year 2003 (as amended) required DoD to submit a comprehensive plan to address training constraints caused by limitations on the use of military lands, marine areas, and airspace available in the United States and overseas for training, and provide annual progress reports on these efforts through 2018. GAO did not make any recommendations in its report and DoD agreed with GAO's report. For more information, contact [Brian Lepore](#) at (202) 512-4523.

**GAO REPORT: DOD NEEDS TO IMPROVE HAZMAT TRANSPORTATION** GAO conducted a year-long audit of DoD's performance, guidance, policies, and procedures for shipping hazardous materials (HAZMAT), including transport of arms, ammunition, and explosives and issued a report ([GAO-14-375](#)). The report recommends that DoD:

- Identify the root causes of improper documentation and packaging of HAZMAT throughout the DoD transportation system, identify any needed corrective actions, and develop an action plan;
- Establish a process to identify and implement the necessary corrective actions to ensure that DoD installations identified by Army [Surface Deployment and Distribution Command](#) emergency response reports provide secure hold for sensitive shipments or assist them in locating the nearest alternate means to secure those shipments; and

- Determine whether changes should be made to the process used by DoD to decide HAZMAT carrier eligibility and evaluate performance for the Transportation Protective Services program.

# Federal Activity

## AIR

**CONTINUOUS OPACITY MONITORING SYSTEMS** EPA issued a final rule addressing quality assurance/quality control (QA/QC) procedures for continuous opacity monitoring systems (COMS) used to demonstrate continuous compliance with opacity standards specified in new source performance standards (NSPS) ([79 FR 28439](#)). Procedure 3 is intended to establish the minimum QA/QC requirements to verify and maintain an acceptable level of data quality. It is presented in general terms to allow permittees to develop a program that is most effective for their circumstances. The compliance deadline is 12 NOV 14. For more information, contact [Lula Melton](#) at (919) 541-2910.

**PROPOSED CONSENT DECREE: NSPS FOR RESIDENTIAL WOOD HEATERS** Under the terms of a [proposed consent decree](#), EPA would be required to review and (if necessary) revise NSPS for new residential wood heaters by 3 FEB 15 ([79 FR 26752](#)). The proposed consent decree is in response to a lawsuit filed by three groups alleging that EPA failed in its duty to review and if necessary revise NSPS for new residential wood heaters at least every eight years. Among the three groups that filed the lawsuit are the "State Plaintiffs," which include Connecticut, Maryland, New York, Oregon, Rhode Island, Massachusetts, and the Puget Sound Clean Air Agency. Comments on the proposed consent decree were due 9 JUN 14. For more information, contact [Scott Jordan](#) at (202) 564-7508.

**DATA REQUIREMENTS RULE FOR THE ONE-HOUR SO<sub>2</sub> PRIMARY NAAQS** EPA is proposing to require state and tribal air agencies to provide data to characterize current air quality in certain areas for which data is lacking ([79 FR 27445](#)). The proposed rule describes criteria for identifying the sources around which air agencies would need to characterize SO<sub>2</sub> concentrations. It also describes a process for and timetables by which air agencies would characterize air quality through ambient monitoring and/or air quality modeling techniques and submit such data to EPA. Data developed by states in accordance with this rulemaking would be used by EPA in future rounds of area designations for the one-hour SO<sub>2</sub> NAAQS.

**VENTING ALLOWED FOR SPECIFIC REFRIGERANT SUBSTITUTES** EPA is exempting certain refrigerant substitutes from the prohibition under the Clean Air Act (CAA), Section 608 on venting, release, or disposal ([79 FR 29682](#)). In this action, EPA is exempting from the venting prohibition:

- Isobutane (R-600a) and R-441A, as refrigerant substitutes in household refrigerators, freezers, and combination refrigerators and freezers, and
- Propane (R-290), as a refrigerant substitute in retail food refrigerators and freezers (stand-alone units only).

The final rule is effective 23 JUN 14. For more information, contact [Sally Hamlin](#) at (202) 343-9711.

**HAYDEN AREA TO BE RECLASSIFIED AS NONATTAINMENT FOR LEAD** EPA is proposing to reclassify the Hayden area in Arizona, which encompasses portions of southern Gila and eastern Pinal counties, from "unclassifiable" to "nonattainment" for lead NAAQS ([79 FR 25077](#)). The effect of this action would be to redesignate the Hayden area to nonattainment for the lead standards and impose certain planning requirements on Arizona to reduce lead concentrations within this area. Those requirements could include a requirement to submit, within 18 months of redesignation, a revision to the Arizona SIP that provides for attainment of the lead standards no later than five years after the date of redesignation to nonattainment. Comments were due 2 JUN 14. For more information, contact [Ginger Vagenas](#) at (415) 972-3964.

**CALIFORNIA NONROAD ENGINE POLLUTION CONTROL STANDARDS** CARB is requesting confirmation from EPA that CARB's 2008 amendments to the California spark-ignited (SI) Small Off-Road Engines (SORE) regulation are within the scope of a prior authorization issued by EPA ([79 FR 30610](#)). EPA has tentatively scheduled a public hearing for 19 JUN 14 to consider California's authorization request for the 2008 SORE amendments, pending a public request for the agency to hold a hearing. Comments are due 21 JUL 14. The 2008 amendments specified the expiration date of certain emission credits, eliminated other emission credits, and placed restrictions on manufacturer use of certification fuel. For more information, contact [David Dickinson](#) at (202) 343-9256.

**CALIFORNIA SIP: SAN JOAQUIN VALLEY** EPA is approving a revision to the California SIP for San Joaquin Valley that corrects deficiencies identified in an earlier SIP revision ([79 FR 29327](#)). The revision corrects deficiencies in the contingency measures for the 1997 annual and 24-hour PM<sub>2.5</sub> NAAQS for in the San Joaquin Valley. The final rule is effective 23 JUN 14. For more information, contact [Frances Wicher](#) at (415) 972-3957.

**CALIFORNIA SIP: SOUTH COAST VMT EMISSIONS OFFSETS** EPA is proposing to approve revisions to the California SIP that address vehicle miles traveled (VMT) emission offset requirements for the Los Angeles-South Coast Air Basin ([79 FR 29705](#)). The agency is proposing the revision meets the one-hour ozone and 1997 eight-hour ozone NAAQS. Comments are due 23 JUN 14. For more information, contact [John Ungvarsky](#) at (415) 972-3963.

**CALIFORNIA SIP: VENTURA COUNTY** EPA is taking direct final action to approve revisions to the Ventura County Air Pollution Control District portion of the California SIP ([79 FR 28649](#)). The revisions regulate NO<sub>x</sub> emissions from large water heaters, boilers, steam generators, and process heaters. This action approves Rule 5 (Effective Date), Rule [74.11.1](#) (Large Water Heaters and Small Boilers), and [Rule 74.15.1](#) (Boilers, Steam Generators, and Process Heaters). The rules are effective 18 JUL 14, unless the agency receives adverse comment by 18 JUN 14. For more information, contact [Nicole Law](#) at (415) 947-4126.

**HAWAII SIP** EPA is proposing to approve elements of proposed revisions to the Hawaii SIP that address the 2008 eight-hour ozone and the 2010 NO<sub>2</sub> NAAQS ([79 FR 28659](#)). Comments are due 18 JUN 14. For more information, contact [Dawn Richmond](#) at (415) 972-3207.

## ***CLIMATE CHANGE***

**STATE POLICY UPDATE 2012-2014** The topic of climate change remains contentious in many states, and legislative trends demonstrate that states are taking a range of approaches to climate policy. The National Conference of State Legislatures' [state policy update](#) lists legislative activity from 2012 through 2014, including trends such as climate action plans, responses to EPA regulations, cap and trade, carbon capture and storage, and adaptation.

**THIRD NATIONAL CLIMATE ASSESSMENT** The [National Climate Assessment report](#), released this week by the [U.S. Global Change Research Program](#), summarizes the impacts of climate change on the United States, now and in the future. By focusing on local impact rather than national averages, the report concludes that the evidence of human-induced climate change continues to strengthen and that impacts are increasing across the country.

**DIRECTORY OF REGIONAL CLIMATE CHANGE ADAPTATION PROGRAMS** EPA released a [directory](#) of regional climate change adaptation programs of federal natural resources agencies. The directory was developed as a tool for EPA regional offices to use to strengthen coordination with the regional programs developed by other federal natural resources agencies to assist in preparing for climate change. It may also inform federal agencies, states, tribes, local governments, and other stakeholders about federal agency resources that are deployed on a regional basis and facilitate coordination among federal agencies at the regional level.

**PROPOSED REGISTRY OF CLIMATE CHANGE VULNERABILITY ASSESSMENTS** The U.S. Geological Survey (USGS) submitted a request to allow it to collect information on existing assessments of the vulnerability of various natural resources and societal assets to climate change ([79 FR 29201](#)). Many governmental and nongovernmental parties are conducting

such assessments. USGS intends to make the information collected available on the Internet in the form of a simple registry-type database. Comments are due 20 JUN 14. For more information, contact [Robin O'Malley](#) at (703) 648-4086.

**STATES PLEDGE 3.3 MILLION ZERO EMISSION VEHICLES BY 2025** Eight U.S. states on the East and West coasts released a plan to put 3.3 million zero emission vehicles (ZEVs) on the road by 2025. The [Multi-State ZEV Action Plan](#), in which states pledge to develop infrastructure, coordinated policies, codes, and standards is the [first promised milestone](#) for the bi-coastal collaboration. Partner states are California, Connecticut, Maryland, Massachusetts, New York, Oregon, Rhode Island, and Vermont.

## ***ENERGY***

**WHITE HOUSE ENERGY REPORT** The White House issued a new [report](#) on the energy strategy it terms "All of the Above." The All-of-the-Above energy strategy has three key elements: support economic growth and job creation, enhance energy security, and deploy low-carbon energy technologies and lay the foundation for a clean energy future. This report lays out these three elements of the All-of-the-Above energy strategy, and takes stock of the progress that has been made to date and the work that remains to be done. For more information, visit the White House Council of Economic Advisors [website](#).

**ENERGY OUTLOOK 2014** The U.S. Energy Information Administration (EIA) released [Annual Energy Outlook 2014](#) (269 pages), its annual projection of energy trends in the U.S. The outlook presents long-term annual projections of energy supply, demand, and prices focused on the U.S. through 2040. Projections are generally based on federal, state, and local laws and regulations in effect at the end of October 2013. Under the assumption that current laws and regulations remain unchanged throughout the projections, the report provides the basis for examination and discussion of energy production, consumption, technology, and market trends and the direction they may take in the future. It can also serve as a starting point for analysis of potential changes in energy policies. For more information, visit EIA's [Energy Outlook website](#).

**GAO REPORT ON ALTERNATIVE JET FUELS** GAO produced a report on the progress and challenges to developing and using alternative jet fuels in the United States ([GAO-14-407](#)). The report examines the role of the federal government in the development and use of alternative jet fuels and key challenges to developing and using alternative jet fuels and actions that the federal government plans to or could take to address those challenges. GAO found that the U.S. supports the development of alternative jet fuels through broad and targeted initiatives. Broad national strategies promote the development of a variety of alternative fuels to help achieve national goals (e.g. fostering energy independence, promoting economic development, and reducing GHG emissions) while EPA's renewable fuels programs set specific annual targets for the use of renewable fuels in the transportation sector. In addition, several agencies directly support alternative jet fuels through targeted goals, initiatives, and interagency and industry coordination efforts. These agencies include the departments of transportation, energy, and agriculture (DOT, DOE, USDA), the Federal Aviation Administration (FAA), and DoD. GAO also found that achieving price competitiveness for alternative jet fuels is the overarching challenge to developing a viable market and that even if federal actions result in lower costs to produce alternative jet fuels, market factors may still determine the long-term success of the industry.

## ***NATURAL AND CULTURAL RESOURCES***

**ACHP MOVES TO NEW LOCATION** The Advisory Council on Historic Preservation (ACHP) moved to a new location. The agency's new address and telephone number is 401 F Street NW, Suite 308, Washington, DC, 20001-2637. The phone number is changed to (202) 517-0222.

**ENVIROATLAS** EPA released [EnviroAtlas](#), a web-based interactive tool integrating more than 300 separate data layers designed to help users understand the ecosystem impacts of a decision, such as siting a new road or city park. EnviroAtlas uses seven broad categories to organize its information and data on ecosystem services: Clean Air; Clean and Plentiful Water; Natural Hazard Mitigation; Climate Stabilization; Recreation, Culture and Aesthetics; Food, Fuel and Materials; and Biodiversity Conservation. EnviroAtlas is a collaborative project developed by EPA, in cooperation

with the USGS, USDA's Natural Resources Conservation Service (NRCS), the Forest Service, and [Landscape America](#). It develops and incorporates data from federal, state, community, and non-governmental organizations.

## ***SUSTAINABILITY***

**FEDERAL GREEN CHALLENGE AWARDS: CORONADO AND MIRAMAR RECOGNIZED** In May, EPA recognized six federal agency offices in California with its prestigious Federal Green Challenge (FGC) program award for reducing their operations' environmental impacts. Among the award recipients:

**Naval Base Coronado - *Water Conservation award:*** The base reduced water use last year by 20% to conserve over 101 million gallons. Irrigation frequency was reduced to allow some lawn areas to go dormant, one-pint urinals were installed, the chemical treatment of cooling towers' valves were adjusted to use less water, and galley water use was minimized.

**Marine Corps Air Station Miramar – *Education & Outreach and Waste awards:*** Air Station Miramar promoted their recycling program through the installation's Teen and Child Care Centers during Earth Week. They also conducted two e-waste collection events and disseminated recycling information through email and marquee announcements to reach 75% of the base population. Miramar increased recycling by 30% and reduced its solid waste disposal by more than 22%.

## ***THREATENED AND ENDANGERED SPECIES***

**DESIGNATING AND REVISING CRITICAL HABITAT** The Fish and Wildlife Service (FWS) and National Marine Fisheries Service (NMFS) are proposing revisions to service rules concerning procedures and criteria used for designating and revising critical habitat for species listed as threatened or endangered ([79 FR 27066](#)). The proposed amendments would make minor edits to the scope and purpose, add and remove some definitions, and clarify criteria for designating critical habitat. This proposed revision is one of three Federal Register entries, of which two are proposed rules and one is a draft policy. Comments are due 11 JUL 14. For more information, contact Douglas Krofta (FWS) at (703) 358-2527 or Marta Nammack (NMFS) at (301) 427-8469.

**DEFINITION OF DESTRUCTION OR ADVERSE MODIFICATION OF CRITICAL HABITAT** FWS and NMFS are proposing to revise the definition of the term "destruction or adverse modification" in service rules implementing the Endangered Species Act (ESA) ([79 FR 27060](#)). This action is being taken in response to recent court decisions (U.S. Court of Appeals for the Fifth (2001) and Ninth (2004) Circuits) that invalidated the services' definition. The services are proposing to replace the invalidated definition with one that is consistent with ESA and circuit court opinions. Comments are due 11 JUL 14. For more information, contact Patrice Ashfield (FWS) at (703) 358-2171 or Cathryn Tortorici (NMFS) at (301) 427-8405.

**POLICY FOR CRITICAL HABITAT EXCLUSIONS** FWS and NMFS released a [draft policy](#) on exclusions from critical habitat under ESA ([79 FR 27051](#)). The draft policy provides the services' position on what they consider in the exclusion process. In particular, the policy specifies how the services evaluate whether DoD Integrated Natural Resource Management Plans (INRMPs) provide a benefit to a species when designating critical habitat for that species. This policy is meant to complement the proposed revisions to Title 50 Code of Federal Regulation, Part 424 (50 CFR 424) and to provide for a simplified exclusion process. Comments are due 11 JUL 14. For more information, contact Douglas Krofta (FWS) at (703) 358-2527 or Marta Nammack (NMFS) at (301) 427-8469.

**FIVE-YEAR STATUS REVIEWS: NINE SPECIES IN THE MOUNTAIN-PRAIRIE REGION** FWS initiated five-year status reviews of four animal and five plant species found in the [Mountain-Prairie region](#) ([79 FR 25833](#)). Species under review include the [black-footed ferret](#) (*Mustela nigripes*), [Pallid sturgeon](#) (*Scaphirhynchus albus*), [Virgin River chub](#) (*Gila seminuda* (= *robusta*)), [woundfin](#) (*Plagopterus argentissimus*), [Heliotrope milk-vetch](#) (*Astragalus montii*), [Jones cycladenia](#) (*Cycladenia humilis* var. *jonesii*), [Kodachrome bladderpod](#) (*Lesquerella tumulosa*), [Osterhout milkvetch](#) (*Astragalus osterhoutii*), and [Penland beardtongue](#) (*Penstemon penlandii*). Comments are due 7 JUL 14. For



information on each species and its distribution, click on the species common name. For contact information for each species, click on the Federal Register link.

**FIVE-YEAR STATUS REVIEWS: FIVE SPECIES IN THE SOUTHWEST REGION** FWS initiated five-year status reviews for five species found in the [Southwest region \(79 FR 27632\)](#). The species are the threatened [Little Colorado spinedace \(\*Lepidomeda vittata\*\)](#), [sentry milk-vetch \(\*Astragalus cremnophylax\* var. \*cremnophylax\*\)](#), [Siler pincushion cactus \(\*Pediocactus\* \(=Echinocactus, =Utahia\) \*sileri\*\)](#), [slender rush-pea \(\*Hoffmannseggia tenella\*\)](#), and [Yuma clapper rail \(\*Rallus longirostris yumanensis\*\)](#). Comments are due 14 JUL 14. For information on each species and its distribution, click on the species common name. For contact information for each species, click on the Federal Register link.

**FWS DECLINED TO RECLASSIFY LANE MOUNTAIN MILK-VETCH** EPA announced that it has declined to reclassify the status of [Lane Mountain milk-vetch \(\*Astragalus jaegerianus\*\) \(79 FR 25084\)](#). The plant, found only in small portion of the central Mojave Desert, California, remains listed as endangered. For more information, contact Stephen Henry at (805) 644-1766.

**VANDEMBERG MONKEY FLOWER** FWS reopened the public comment period on its [29 OCT 13](#) proposed rule to designate critical habitat for [Vandenberg monkeyflower \(\*Diplacus vanderbergensis\*\)](#) in Santa Barbara, California ([79 FR 25797](#)). In addition, the service is proposing to revise the boundaries of its proposed critical habitat designation by adding 24 acres to one subunit. The proposed designated critical habitat does not include 4,159 acres of lands within Vandenberg Air Force Base (AFB) that were excluded from critical habitat designation due to protections afforded the species in accordance with the Vandenberg AFB INRMP. Comments were due 5 JUN 14. For more information, contact Stephen Henry at (805) 644-1766.

**STATUS REVIEW: SHORT-TAILED ALBATROSS** FWS initiated five-year status review of the [short-tailed albatross \(\*Phoebastria albatrus\*\)](#), which is currently listed as endangered ([79 FR 25613](#)). The species is known or believed to occur in Alaska, California, Hawaii, Oregon, and Washington. Comments are due 7 JUL 14. For more information, contact [Ellen Lance](#).

## ***TOXICS***

**TOXICOLOGICAL PROFILES: PROPOSED SUBSTANCES TO BE EVALUATED** The Agency for Toxic Substances and Disease Registry (ATSDR) is initiating the development of its 28th set of toxicological profiles and is soliciting nominations of substances to evaluate ([79 FR 29446](#)). Nominations may be from the [list of substances](#) commonly found at [National Priorities List sites](#) or any other substances that may have public health implications. Chemical substance nominations must be submitted by 20 JUN 14. For more information, contact [Jessilynn Taylor](#) at 1 (800) 232-4636.

**EVALUATING LEAD-BASED PAINT HAZARDS IN PUBLIC BUILDINGS** EPA is making the document titled [Framework for Identifying and Evaluating Lead-Based Paint Hazards From Renovation, Repair, and Painting Activities in Public and Commercial Buildings](#) (Framework) available for public review and comment ([79 FR 31072](#)). The Framework describes an approach for identifying and evaluating hazards created by renovations of public and commercial buildings (P&CBs). It also describes how the analyses under this approach would be performed, and presents results of preliminary analyses that evaluated the impact of different variables on exposure estimates for young children. EPA will consider comments as it determines whether hazards are created by P&CB renovations and, if appropriate, develop proposed requirements. Comments are due 30 JUN 14. For more information, contact [Hans Scheifele](#) at (202) 564-3122, or visit the [Framework website](#).

## ***WASTE***

**LOW-LEVEL RADIOACTIVE WASTE** The Nuclear Regulatory Commission (NRC) is conducting an update to the 2007 Strategic Assessment of its Low-Level Radioactive Waste (LLRW) regulatory program ([79 FR 27772](#)). NRC is proposing to revise the alternative future disposal scenarios specified in the 2007 Strategic Assessment. The commission is asking for input on a number of general areas such as extended storage of LLRW, on-site disposal of LLRW, and

disposal options for low-activity waste/very low-level waste. Comments are due 14 JUL 14. Concurrent with this update, NRC is also in the process of finalizing a procedure for the review of low-activity waste disposal in Resource Conservation and Recovery Act (RCRA) facilities not licensed by NRC, revising 10 CFR Part 61, and revising the [1995 Concentration Averaging and Encapsulation Branch Technical Position](#). For more information, contact [Melanie Wong](#) at (301) 415-2432.

## **WATER**

**PUBLIC MEETING AND WEBINAR: UCRM 4** EPA scheduled a public meeting and webinar to discuss the approach to the fourth Unregulated Contaminant Monitoring Rule (UCMR 4) for public drinking water systems ([79 FR 30787](#)). EPA will present information concerning the status of the agency's efforts in the areas of analyte selection, analytical methods, sampling design, determination of minimum reporting levels, and other possible revisions relative to the current rule. The public meeting and webinar will be held 25 JUN 14. For more information, contact [Brenda Parris](#) at (513) 569-7961. To register to attend the meeting in person or online, send an email to the [Cadmus Group](#) by 18 JUN 14.

**COOLING WATER INTAKE RULES** EPA is soliciting public input on a [new final rule](#) to reduce impingement and entrainment of fish and other aquatic organisms at cooling water intake structures used by existing power generation, manufacturing, and industrial facilities ([79 FR 30605](#)). The rule establishes requirements for existing facilities designed to withdraw more than two million gallons per day and use at least 25% of the water they withdraw for cooling purposes. These requirements will be implemented through the NPDES permitting program. Comments are due 28 JUL 14. For more information, contact Paul Shriner at (202) 566-1076, or visit the EPA's [cooling water intake website](#).

**WATER QUALITY CRITERIA** EPA published updated draft national recommended water quality criteria for 94 chemical pollutants ([79 FR 27303](#)). EPA's recommended water quality criteria provide technical information for states and authorized tribes to establish water quality standards under the CWA to protect human health. A fact sheet and a summary of updated input parameters (e.g., cancer slope factor, reference dose, and bioaccumulation factors) used to derive the updated criteria were prepared to assist reviewers. In addition, EPA developed chemical-specific support documents for each of the 94 chemical pollutants. The support documents detail the latest scientific information supporting the updated draft human health criteria, particularly the updated toxicity and exposure input values. Comments are due 14 JUL 14. For more information, contact [Heidi Bethel](#) at (202) 566-2054, or visit EPA's [website](#) for water quality criteria.

**ONLINE NPDES PERMIT INVENTORY** EPA upgraded its NPDES General Permit Inventory search tool by adding stormwater general permits. The tool allows users to search for NPDES general permits by permit number, permit name, state, EPA Region, date issued, date expired, or permit category. Search results display basic permit information, as well as a link to electronic permit documents when available. Currently the dataset contains more than 700 general permits. EPA's general permits cover discharges in areas where EPA is the NPDES permitting authority, which includes four states (Idaho, Massachusetts, New Hampshire, and New Mexico); Washington, D.C.; all U.S. territories except the Virgin Islands; most Indian Country lands; federal facilities in four additional states (Colorado, Delaware, Vermont, and Washington); and a few additional areas as specified on the agency's [NPDES Specific State Program Status website](#). All other states have the authority to issue general permits.

**GAO REPORT ON FRESHWATER SUPPLIES** GAO issued a report reviewing the availability of freshwater nationally ([GAO-14-430](#)). According to state water managers, experts, and literature GAO reviewed, freshwater shortages are expected to continue into the future. In particular, 40 of 50 state water managers expected shortages in some portion of their states under average conditions in the next 10 years. GAO made no specific recommendations.

# Professional Development

**FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER** - [FedCenter.gov](http://FedCenter.gov) is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas:

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Regulatory Watch for information on new or changed laws or regulations;
- P2 opportunities and best management practices;
- EPA enforcement notices;
- Links to state environmental programs;
- Access to [environmental assistance](#);
- Access to free, FedCenter-sponsored courses:
  - [Environmental Compliance for Federal Laboratories](#) (FedCenter membership required);
  - [Environmental Management Systems](#) (FedCenter membership required);
  - [Underground Storage Tanks](#) (FedCenter membership required);
- Environmental [conferences](#), meetings, [training](#), and workshop information;
- Applicable laws and Executive Orders; and
- Industry sector-specific newsletters.

FedCenter also provides member assistance services such as:

- Collaboration tools for workgroups,
- Environmental reporting tools, and
- Daily newsletter and subscription services.

**USACE PROSPECT TRAINING** USACE announces course availability for the FY14 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Please see the [Course Catalog \(a.k.a. Purple Book\)](#) and [List of Classes and schedule](#) for details. Courses are open to all federal, state, county and city employees and contractors. There are different registration processes for each entity.

**NAVY AND ISEERB ENVIRONMENTAL TRAINING FY14** The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule for FY14 is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

**AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING FY14** The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charges. Travel costs are borne by the student.

**DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS** The U.S. Army offers numerous environmental training courses (classroom and online). Explore training opportunities on the [US Army Environmental Command \(AEC\) website](#), which has links to training provided by DoD organizations.

**24-26 JUN 14 LOS ANGELES, CALIFORNIA ESPC COMPREHENSIVE WORKSHOP.** This three-day comprehensive [workshop](#) covers the process of implementing Energy Savings Performance Contract (ESPC) projects, from the initial steps of acquisition planning through project development, task order award, construction, project acceptance by the government, and the performance period.

## **Online Training**

**FEMP eTRAINING COURSES** The Federal Energy Management Program (FEMP) offers interactive, online eTraining courses to help federal agencies develop core competencies and comply with energy-efficiency and renewable-energy

water-management and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide (WBDG) to host these comprehensive, FEMP-developed eTraining courses. [Promotional materials](#) are available to help federal agencies encourage the completion of FEMP's eTraining courses. For more information about FEMP eTraining courses, contact [Beverly Dyer](#) at (202) 586-7753. The following courses are available:

- [Advanced Electric Metering in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Building Automation Systems for Existing Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Commissioning for Existing Federal Buildings](#) (4.5 hours, .50 CEUs)
- [Energy-Efficient Federal Purchasing](#) (4.5 hours, .50 CEUs)
- [Energy Savings Performance Contracting](#) (8.5 hours, .90 CEUs)
- [Federal On-Site Renewable Power Purchase Agreements](#) (2.5 hours, .30 CEUs)
- [Launching a Utility Energy Services Contract \(UESC\): Getting to Yes!](#) (3 hours, .40 CEUs)
- [Managing Water Assessment in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Measurement and Verification in ESPCs](#) (3 hours, .40 CEUs)
- [Planning an Energy Assessment for Federal Facilities](#) (4 hours, .50 CEUs)
- [Selecting, Implementing, and Funding Photovoltaic Systems in Federal Facilities](#) (3.5 hours, .40 CEUs)
- [Sustainable Institutional Change for Federal Facility Managers](#) (3 hours, .40 CEUs)
- [Utility Service Contracts and Energy Project Incentive Funds](#) (90 minutes)

**ENERGY STAR WEBCASTS.** Among the offerings:

- [Federal Guiding Principles Checklist](#) – This webcast will teach federal energy and sustainability professionals how to use the ENERGY STAR® measurement and tracking tool, Portfolio Manager, to help ensure compliance with the Guiding Principles for High Performance Sustainable Buildings required by Executive Orders 13423 and 13514. The focus is on the Guiding Principles for Sustainable Existing Buildings.
- [Portfolio Manager 101](#) – This webcast demonstrates the core functionality of EPA's new Energy Star Portfolio Manager tool. Attendees will learn to navigate the new Portfolio Manager, add a property and enter details, enter energy and water consumption data, share properties, generate performance reports to assess progress, and respond to data requests.
- [Portfolio Manager 201](#) – This webcast will explore advanced functionalities of EPA's Energy Star Portfolio Manager tool, including managing and tracking changes to property uses over time; using spreadsheet templates to update property data; setting goals and targets to plan energy improvements for properties; generating and using custom reports; and using the Sustainable Buildings Checklist.

**CLIMATE READY WATER UTILITIES** EPA's Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) in addressing impacts from climate change. This information helps utility owners and operators better prepare their systems for the impacts of climate change. The website has links to [tools and resources](#), new and recorded [training webinars](#), and more.

**CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES** This [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

**WATER'S IMPACT ON THE ENERGY SECTOR** This webinar features Stacy Tellinghuisen, senior energy/water policy analyst at Western Resource Advocates, who shares new research on the national impacts of water scarcity on the energy sector, including how the expanded use of renewable energy and energy efficiency can help reduce the potential impacts that prolonged droughts will have on the energy sector.

**READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM – Webinar Series** The REPI Webinar Series is presented by DoD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted.

**EPA NPDES TRAINING COURSES AND WORKSHOPS** Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES Permit program. They are designed for permit writers, dischargers, EPA officials, and other interested parties. Topics include vessel general permits, combined sewer overflows, energy management, green infrastructure, pesticides, pretreatment, sanitary sewer overflows, and stormwater.

**EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY** Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs. Building on the familiar concept of [Reduce, Reuse, Recycle](#), sustainable materials management (SMM) is a systemic approach that seeks to reduce materials use and their associated environmental impacts over their entire life cycle, starting with extraction of natural resources and product design and ending with decisions on recycling or final disposal. The format is a formal presentation followed by a question and answer session.

**ITRC INTERNET BASED TRAINING** The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers training courses via the Internet to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

**EPA RCRA TRAINING** RCRA-related online courses, seminars, webinars, podcasts, and videos are posted throughout EPA's waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and environmental justice and RCRA permitting.

**AMPHIBIAN AND REPTILE WEB-BASED LECTURE SERIES** DoD's [Partners in Amphibian and Reptile Conservation \(PARC\)](#) hosts a monthly lecture series conducted by DoD biologists and professional herpetologists. The lecture series is conducted using Defense Connect Online. The goal of the lecture series is to help members stay connected and keep up with scientific studies and news. Copies of previous lectures are available on the [PARC group and photo site](#).

**AREA SOURCE BOILER RULE VIDEO SERIES** A new [EPA video series](#) explaining the Area Source Boiler Rule recently became available. The series consists of modules regarding:

- An overview of rule applicability, including specific rule requirements and compliance dates;
- How to conduct an energy assessment;
- How to conduct a boiler tune-up; and
- Recordkeeping and reporting requirements of the rule.

Area sources are commercial (e.g., laundries, apartments, hotels), institutional (e.g., schools, churches, medical centers, municipal buildings) or industrial (e.g., manufacturing, refining, processing, mining) facilities that emit or have the potential to emit less than 10 tons per year (tpy) of a single hazardous air pollutant, or less than 25 tpy combined hazardous air pollutants. The Area Source Boiler Rule affects boilers at these facilities that burn coal (including coal refuse, petroleum coke, or synthetic fuels derived from coal), oil or other liquid fuel, biomass, and non-waste materials. 2014 compliance dates for the Area Source Boiler Rule include:

- 21 MAR 14—deadline for completing the initial tune-up for existing boilers, and



- 19 JUL 14—deadline for submitting the notification of compliance status (NOCS) for tune-ups.

**VARIOUS DATES: THROUGH AUGUST 2014.** [FOG Prevention Training for Rural Communities in the Pacific Northwest](#). The Pacific Northwest Pollution Prevention Resource Center (PPRC) is providing one day workshops for rural communities in Alaska, Idaho, Oregon, and Washington to reduce the harmful impacts of fats, oils, and grease (FOG) in sewers. For information about workshop locations, dates, and times, contact the [Pacific Northwest Pollution Prevention Resource Center](#).

**\*BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES** This comprehensive water management training provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Learners will develop skills in increasing water efficiency and reducing water use through sound operations and maintenance practices and water-efficient technologies. Several methods for meeting needs for non-potable water through alternate water sources, such as rainwater harvesting, reclaimed wastewater, and gray water are discussed. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

**\*Military Munitions Support Services - MMRP Tools** This is one of the monthly webinar sessions for the Military Munitions Support Services (M2S2) community. During this session, speakers will make presentations on a variety of topics relative to the latest updates on successful use of MMRP tools.

**\*PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES** The CERCLA Education Center (CEC) is offering a nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#) in June and July 2014. PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI and hazard ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). If you are unable to make one of the sessions, archived versions will be made available at [www.clu-in.org](http://www.clu-in.org). The series includes:

- [Module 1: Overview of the Site Assessment Process under CERCLA](#). 30 JUN 14. This introductory module will provide an overview of key provisions of CERCLA and the response process established by the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). In addition, it will provide an overview of the purpose, scope and requirements for performing a remedial PA and remedial SI at sites regulated under the Comprehensive Emergency Response and Cleanup Liability Act (CERCLA).
- [Module 2: Basics of Performing Site Assessments and Conducting the PA](#). 2 JUL 14. This module will provide an overview of the basics of performing site assessments including the purpose and scope of the different steps in the site assessment process and the roles and responsibilities of the different parties involved. It will identify and explain procedures for performing a remedial PA.
- [Module 3: Site Evaluation and Scoring Site Sources](#). 7 JUL 14. This module focuses on the specific elements of the scoring process that participants must understand to successfully apply the scoring model to a PA.
- [Module 4: PA Scoring Exercise: Groundwater Migration Pathway](#). 9 JUL 14. This module will review the groundwater migration pathway. Participants will review appropriate site information and the instructors will lead them through inputting the information into the Quickscore software.
- [Module 5: PA Scoring Exercise: Surface Water Migration Pathway](#). 11 JUL 14. This module will review the surface water migration pathway. Participants will review appropriate site information and the instructors will lead them through inputting the information into the Quickscore software.
- [Module 6: PA Scoring Exercise: Soil Exposure and Air Migration Pathways](#). 14 JUL 14. This module will review the soil exposure and the air migration pathways. Participants will review appropriate site information and the instructors will lead them through inputting the information into the Quickscore software.
- [Module 7: Conducting the SI, Overview of SI Strategies, and Site Sources](#). 21 JUL 14. This module will identify the step-by-step activities for conducting a remedial SI, including discussion of health and safety considerations for field activities, establishing data quality objectives and developing sampling strategies to obtain data for HRS scoring, validating data and preparing a final report to document the decision-making process. It will provide an overview on how to develop SI sampling strategies that consider and address the needs of the HRS.

- [Module 8: SI Sampling Strategies for Groundwater and Surface Water](#). 28 JUL 14. This module will provide an overview of SI sampling strategies for the groundwater migration pathway and the surface water migration pathway.
- [Module 9: SI Sampling Strategies for Soil and Air](#). 30 JUL 14. This module will provide an overview of SI sampling strategies for the soil exposure pathway and the air migration pathway.

\* indicates the first time a professional development opportunity appears in the Review.

## *How the Regional Offices Work for You*

When used within the framework of ISO 14001, the *Western Region Review* can be part of an installation's procedures to satisfy Section 4.3.2 (Legal and other requirements) of ISO 14001. Information in the *Review* is intended for general guidance, and the reader should refer to cited source documents for more detailed information to determine the applicability and scope of the referenced legislation and regulations.

The US Army Regional Environmental and Energy Offices monitor state legislative and regulatory actions on your behalf. If a proposed state action has (1) critical mission impact; (2) conflicts with a federal requirement; and/or (3) a disproportionate effect on the Army or DoD, we coordinate with the potentially affected installations, commands, and/or other military Services to further assess the potential impact. If action is needed on a proposed measure we work with Army or Service regulatory experts to communicate DA/DoD position, coordinating with the affected installations and commands. Comments are combined from all parties in a single DoD/Army package and formally submitted to the state.

Want to comment on a rule or bill in the Review?

Please contact your Regional Environmental Coordinator listed in the Staff Directory.

## *Staff Directory*

### **Mark Mahoney**

Director /DoD REC Region 8  
(303) 844-0956  
[mark.a.mahoney.civ@mail.mil](mailto:mark.a.mahoney.civ@mail.mil)

### **Kevin Ward**

Regional Counsel  
(303) 844-0955  
[kevin.m.ward40.civ@mail.mil](mailto:kevin.m.ward40.civ@mail.mil)

### **Park Haney**

Deputy Director  
(303) 844-0957  
[reed.p.haney.civ@mail.mil](mailto:reed.p.haney.civ@mail.mil)

### **Julia Miller**

Region 8 Program Coordinator (Marstel-Day, LLC)  
(303) 844-0952  
[julia.c.miller16.ctr@mail.mil](mailto:julia.c.miller16.ctr@mail.mil)

### **Tim Kilgannon**

Army Coordinator Region 9  
(303) 844-0953  
[timothy.r.kilgannon.civ@mail.mil](mailto:timothy.r.kilgannon.civ@mail.mil)

### **Park Haney**

Acting Army Coordinator Region 10  
(303) 844-0957  
[reed.p.haney.civ@mail.mil](mailto:reed.p.haney.civ@mail.mil)

### **Adriane Miller**

Project Manager (Plexus Scientific Corporation)  
(410) 278-6137  
[adriane.b.miller2.ctr@mail.mil](mailto:adriane.b.miller2.ctr@mail.mil)

### **Nancy Reese**

Regulatory Affairs Specialist (Marstel-Day, LLC)  
(303) 844-0954  
[nancy.l.reese2.ctr@mail.mil](mailto:nancy.l.reese2.ctr@mail.mil)

### ***Additional Multi-Service Contacts***

#### **RADM Patrick Lorge**

Navy DoD REC Region 9  
(619) 532-2925

#### **Michael Huber**

Navy/DoD REC POC Region 9  
(619) 532-2303  
[Michael.huber@navy.mil](mailto:Michael.huber@navy.mil)

#### **Steve Arenson**

Air Force REC Region 9  
(415) 977-8843  
[steven.arenson@brooks.af.mil](mailto:steven.arenson@brooks.af.mil)

#### **Pat Christman**

Marine Corps REC Region 9  
(760) 725-2674  
[patrick.christman@usmc.mil](mailto:patrick.christman@usmc.mil)

# Acronyms

<b>AAQS</b>	ambient air quality standards
<b>ACHP</b>	Advisory Council on Historic Preservation
<b>ACUB</b>	Army Compatible Use Buffer
<b>ADEQ</b>	Arizona Department of Environmental Quality
<b>ADWM</b>	Arizona Department of Weights and Measures
<b>ADWR</b>	Arizona Department of Water Resources
<b>AFB</b>	Air Force Base
<b>AGRRC</b>	Arizona Governor's Regulatory Review Council
<b>AQIP</b>	Air Quality Improvement Program
<b>ARNG</b>	Army National Guard
<b>ASTM</b>	American Standard Test Method
<b>ATSDR</b>	Agency for Toxic Substances and Disease Registry
<b>BACM</b>	best available control measure
<b>BACT</b>	best available control technology
<b>BART</b>	best available retro-fit technology
<b>BLM</b>	Bureau of Land Management
<b>BTU</b>	British thermal unit
<b>CAA</b>	Clean Air Act
<b>CAFE</b>	corporate average fuel economy
<b>CAIR</b>	Clean Air Interstate Rule
<b>CAMR</b>	Clean Air Mercury Rule
<b>CalEPA</b>	California Environmental Protection Agency
<b>CARB</b>	California Air Resources Board
<b>CaRFG3</b>	phase 3 California reformulated gasoline
<b>CBAR</b>	California Bureau of Automotive Repair
<b>CDC</b>	California Department of Conservation
<b>CDFG</b>	California Department of Fish and Game
<b>CDPH</b>	California Department of Public Health
<b>CDPR</b>	California Department of Pesticide Regulation
<b>CDTSC</b>	California Department of Toxic Substances Control
<b>CDWR</b>	California Department of Water Resources
<b>CEC</b>	California Energy Commission
<b>CEQ</b>	Council on Environmental Quality
<b>CEQA</b>	California Environmental Quality Act
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act
<b>CFR</b>	Code of Federal Regulation
<b>CH<sub>4</sub></b>	methane
<b>CNOR</b>	candidate notice of review
<b>CO<sub>2</sub></b>	carbon dioxide
<b>CO<sub>2</sub>e</b>	carbon dioxide equivalent
<b>COAL</b>	California Office of Administrative Law
<b>COE</b>	Army Corps of Engineers
<b>COEHHA</b>	California Office of Environmental Health Hazard Assessment
<b>CPUC</b>	California Public Utilities Commission
<b>CrVI</b>	hexavalent chromium
<b>CSWRCB</b>	California State Water Resources Control Board
<b>CVC</b>	California Vehicle Code
<b>CWA</b>	Clean Water Act
<b>CX</b>	categorical exclusion
<b>DA</b>	Department of Agriculture
<b>DO</b>	dissolved oxygen
<b>DoD</b>	Department of Defense
<b>DOE</b>	Department of Energy
<b>DOI</b>	Department of Interior

<b>DOT</b>	Department of Transportation
<b>DSM</b>	demand side management
<b>DPS</b>	distinct population segment
<b>EA</b>	environmental assessment
<b>ECA</b>	emission control area
<b>ECF</b>	emission comparable fuel
<b>EIO</b>	Energy Initiatives Office
<b>EIS</b>	environmental impact statement
<b>EPA</b>	Environmental Protection Agency
<b>EO</b>	Executive Order
<b>ESA</b>	Endangered Species Act of 1973
<b>ESTCP</b>	Environmental Security Technology Certification Program
<b>FERC</b>	Federal Energy Regulatory Commission
<b>FIFRA</b>	Federal Insecticide, Fungicide, and Rodenticide Act
<b>FONSI</b>	finding of no significant impact
<b>FS</b>	Forest Service
<b>FWS</b>	Fish and Wildlife Service
<b>FY</b>	fiscal year
<b>GAO</b>	Government Accountability Office
<b>GEPA</b>	Guam Environmental Protection Agency
<b>GHG</b>	greenhouse gas
<b>GSA</b>	General Service Administration
<b>HAP</b>	hazardous air pollutant
<b>HAR</b>	Hawaii Administrative Rule
<b>HB</b>	House Bill
<b>HCFC</b>	hydrochlorofluorocarbon
<b>HCWRM</b>	Hawaii Commission on Water Resource Management
<b>HDA</b>	Hawaii Department of Agriculture
<b>HDLNR</b>	Hawaii Department of Land and Natural Resources
<b>HDOH</b>	Hawaii Department of Health
<b>HFC</b>	hydrofluorocarbon
<b>HFE</b>	hydrofluorinated ethers
<b>INRMP</b>	integrated natural resource management plan
<b>ISEERB</b>	Interservice Environmental Education Review Board
<b>ITRC</b>	Interstate Technology and Regulatory Council
<b>JLUS</b>	Joint Land Use Study
<b>LBP</b>	lead-based paint
<b>LEED</b>	Leadership in Energy and Environmental Design
<b>LID</b>	Low-Impact Development
<b>MACT</b>	maximum achievable control technology
<b>MADL</b>	maximum allowable dose level
<b>MCL</b>	maximum contaminant level
<b>MCLG</b>	maximum contaminant level goal
<b>MERIT</b>	Materials of Evolving Regulatory Interest Team
<b>MOU</b>	memorandum of understanding
<b>MPA</b>	marine protected area
<b>MS4</b>	municipal separate storm sewer system
<b>MSGP</b>	multi-sector general permit
<b>N<sub>2</sub>O</b>	nitrous oxide
<b>NAAQS</b>	National Ambient Air Quality Standards
<b>NCSL</b>	National Conference of State Legislatures
<b>NAC</b>	Nevada Administrative Code
<b>NDEP</b>	Nevada Division of Environmental Protection
<b>NEPA</b>	National Environmental Policy Act
<b>NESHAP</b>	National Emission Standards for Hazardous Air Pollutants
<b>NF<sub>3</sub></b>	nitrogen trifluoride
<b>NHTSA</b>	National Highway Traffic Safety Administration



<b>NIST</b>	National Institute of Standards and Technology
<b>NMFS</b>	National Marine Fisheries Service
<b>NOAA</b>	National Oceanic and Atmospheric Administration
<b>NO<sub>2</sub></b>	nitrogen dioxide
<b>NO<sub>x</sub></b>	nitrogen oxides
<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>NRC</b>	Nuclear Regulatory Commission
<b>NSEC</b>	Nevada State Environmental Commission
<b>NSPS</b>	New Source Performance Standard
<b>NSR</b>	New Source Review
<b>OMB</b>	Office of Management and Budget
<b>ORCR</b>	Office of Resource Conservation and Recovery
<b>ORW</b>	outstanding resource water
<b>P2</b>	pollution prevention
<b>PBDE</b>	polybrominated diphenyl ethers
<b>PFC</b>	perfluorocarbons
<b>PFOA</b>	perfluorooctanoic acid
<b>PFOS</b>	perfluorooctane sulfonic acid
<b>PM</b>	particulate matter
<b>PM<sub>2.5</sub></b>	particulate matter 2.5 microns in diameter or less
<b>PM<sub>10</sub></b>	particulate matter 10 microns in diameter or less
<b>POPs</b>	persistent organic pollutants
<b>ppb</b>	parts per billion
<b>PSD</b>	Prevention of Significant Deterioration
<b>PWS</b>	public water system
<b>RACT</b>	reasonably available control technology
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>RICE</b>	Reciprocating Internal Combustion Engine
<b>RoC</b>	Report on Carcinogens
<b>RoHS</b>	European Union's Restriction of Hazardous Substances
<b>RRP</b>	Renovation, Repair, and Painting
<b>SERDP</b>	Strategic Environmental Research and Development Program
<b>SI</b>	spark-ignition
<b>SIP</b>	state implementation plan
<b>SNAP</b>	significant new alternatives policy
<b>SNUR</b>	significant new use rule
<b>SO<sub>2</sub></b>	sulfur dioxide
<b>SO<sub>x</sub></b>	sulfur oxides
<b>SPCC</b>	spill prevention, control, and countermeasures
<b>TiO<sub>2</sub></b>	titanium dioxide
<b>TMDL</b>	total maximum daily load
<b>tpy</b>	tons per year
<b>TRI</b>	Toxics Release Inventory
<b>TSCA</b>	Toxic Substance Control Act
<b>UFC</b>	Unified Facilities Criteria
<b>ug/m<sup>3</sup></b>	micrograms per cubic meter
<b>U.S.</b>	United States
<b>USACE</b>	United States Army Corps of Engineers
<b>USAEC</b>	United States Army Environmental Command
<b>USGS</b>	United States Geological Survey
<b>UST</b>	underground storage tank
<b>USTCA</b>	Underground Storage Tank Compliance Act
<b>VOC</b>	volatile organic compound
<b>WCI</b>	Western Climate Initiative
<b>WGA</b>	Western Governors' Association
<b>WRAP</b>	Western Regional Air Partnership