



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

October 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.



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EPA and OSHA Team Up for Compliance

The Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA) for Region 2 signed a compliance assistance memorandum of understanding (MOU) that allows each agency to serve as eyes and ears for the other agency on compliance inspections. According to the MOU, both agencies encourage cooperation and will render technical services to conduct and promote the coordination and acceleration of enforcement investigations, compliance assistance, and training.

While the MOU is limited to Region 2 in the northeastern U.S., it may signal a new trend of coordination between EPA and OSHA in other regions.

The MOU is intended to assist OSHA in undertaking special enforcement initiatives, such as OSHA's pilot [National Emphasis Program for Process Safety Management of Highly Hazardous Chemicals](#). It is also intended to assist EPA in enforcement of environmental requirements such as [Section 112\(r\) of the Clean Air Act \(CAA\)](#) and the [Emergency Planning and Community Right-to-Know Act \(EPCRA\)](#).

The MOU describes interagency coordination associated with inspections, referrals of violations and inspections, data exchange, training, compliance assistance/outreach, and litigation support. Among the details:

Inspections: One agency cannot conduct an inspection for the other agency, but they may conduct joint inspections, on a scheduled or ad-hoc basis.

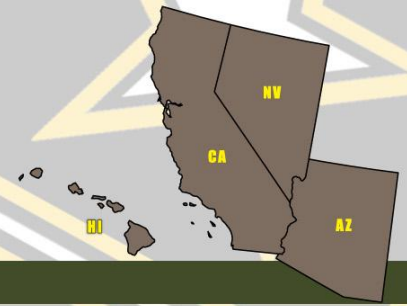
Referrals of Violations and Inspections: If one agency discovers a possible violation, it may make a referral to the other agency.

Data Sharing: EPA and OSHA may share information relating to potential inspection targets, complaints, inspections, violations, and other information to ensure coordinated law enforcement.

Litigation Support: The agencies intend to provide support for each others' litigation efforts.

Region 9

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



WASTE

FEDERAL HAZARDOUS WASTE UPDATES The Arizona Department of Environmental Quality (ADEQ) [is proposing](#) to incorporate federal hazardous waste rules in effect as of 1 JUL 13, and update the general incorporation date in Arizona hazardous waste rules from 1 JUL 06 to 1 JUL 13. The proposed amendments would also incorporate the federal solvent-contaminated wipes rule, effective 1 JAN 14, and make technical corrections necessary to renew Arizona's authorization to implement federal hazardous waste regulations. A public hearing is scheduled for 15 OCT 14. Comments are due 20 OCT 14. For more information, contact [Mark Lewandowski](#) at (602) 771-2230.

LEGISLATIVE DEVELOPMENTS

The [2015 Arizona legislative session](#) begins 12 JAN 15 and is estimated to adjourn 25 APR 15. For information about legislation in 2014, refer to the [May 2014](#) edition of the Review.



AIR

ON-ROAD MOTOR VEHICLES AND ENGINES: ALTERNATIVE FUEL CONVERSION CERTIFICATION PROCEDURES The California Air Resources Board (CARB) [adopted](#) amendments pertaining to conversion of vehicles or engines to operate on alternative fuels. The amendments streamline the procedures for acquiring certification of alternative fuel conversion systems. The rulemaking also modifies a test procedure pertaining to alternative fuel retrofit systems so that it applies only to 1993 through 2003 model year vehicles and engines, and adopts a new test procedure to apply to alternative fuel retrofit systems from 2004 through 2017 model year vehicles and engines. The rulemaking is intended to align California regulations on alternative fuel retrofit systems with [federal regulations](#) without compromising existing California emission standards. The final rule was effective 26 SEP 14. For more information, contact Craig Duehring at (916) 323-2361.

COACHELLA VALLEY AND WESTERN MOJAVE DESERT FEDERAL OZONE NONATTAINMENT AREAS CARB [scheduled a public meeting](#) to consider minor updates to the *Coachella Valley and Western Mojave Desert Federal Ozone Nonattainment Areas State Implementation Plan for the 1997 8-hour Ozone Standard*. If approved by the board, CARB will submit the plan to EPA for approval as a revision to the California State Implementation Plan (SIP). The meeting is scheduled for 23 OCT 14. For more information, contact Scott King (916) 322-2832.

SAN JOAQUIN VALLEY The San Joaquin Valley Air Pollution Control District [is proposing](#) to align its permitting program with CARB's Portable Equipment Registration Program (PERP) by allowing certain registered portable engines to be

used at stationary sources during unforeseen interruptions of electrical power from the serving utility, repair and maintenance, and short-term electrical upgrade operations. The rulemaking would amend district Rule 2020 (Exemptions). In addition, the rulemaking would exempt currently permitted heavy oil tanks at small producers, maintain current exemption levels resulting from recently adopted new source performance standards (NSPS) and national emission standards for hazardous pollutants (NESHAP) requirements, and update various source test methods. A public workshop was held 14 SEP 14. Comments are due 28 OCT 14. For more information, contact [Carlos Garcia](#) at (559) 230-6000.

HAZMAT

HAZMAT TRANSPORTATION The California Highway Patrol [adopted amendments](#) to the General Hazardous Materials Regulations (HMR) to be consistent with national transportation requirements as required by federal law. The adopted rulemaking action makes substantive changes to align state and federal HMR for persons subject to federal jurisdiction under Title 49 Code of Federal Regulation (CFR) Part 171.1. The final rule was effective 1 OCT 14. For more information, contact Kristi McNabb at (916) 843-3400.

WASTE

RECYCLED CATHODE RAY TUBES The California Department of Toxic Substances Control (CDTSC) [adopted an emergency rulemaking](#) regarding recycled cathode ray tubes (CRTs). The emergency rulemaking is a re-adoption of a 2012 emergency rulemaking. Among other things, the regulations authorize a universal waste handler who treats CRTs to recycle or dispose of the generated CRT glass as fully regulated hazardous waste or to be excluded from regulation of the material as hazardous waste pursuant to the Health and Safety Code. The emergency rulemaking was effective 15 SEP 14. It remains in effect for a period of two years, or until revised by the department, whichever occurs sooner. For more information, contact Jackie Buttle at (916) 322-2543.

WATER

UNDERGROUND STORAGE TANKS IN FLOOD ZONES The California Occupational Safety and Health Standards Board [adopted](#) a rulemaking that [aligns state rules](#) with equivalent federal standards regarding precautionary measures for installation of underground and above-ground storage tanks in flood zones. The rulemaking amends section 5605 of title 8 of the California Code of Regulations (CCR). The final rule was effective 1 OCT 14. For more information, contact the [Standards Board's Office](#).

LEGISLATIVE DEVELOPMENTS

The [2014 California legislative session](#) began 5 JAN 14 and adjourns 30 NOV 14. The Legislature is in recess from 31 AUG 14 to 30 NOV 14. A ** indicates the topic of the bill has changed significantly.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
AB 278 <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.	✓	✓	✓	Vetoed veto message [click on bill status]

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1639 <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.	✓			Failed
AB 1970 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to create the Community Investment and Innovation Program, supported by the Greenhouse Gas Reduction Fund.	✓			Failed
AB 2050 <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. Creates an advisory committee to develop cost effective greenhouse gas reduction strategies.	✓	✓		Failed
AB 2083 <i>Assemblywoman Beth Gaines (R)</i> Proposes to make changes to rules relating to state mandated greenhouse gas emission reductions. If the state allows use of market-based compliance mechanisms, this bill would allow a regulated entity to use offsets to meet its compliance obligation regardless of the geographic location of the offset.	✓			Failed
AB 2348 <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.	✓			Failed
SB 605 <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.	✓	✓	✓	Signed by Governor
SB 1122 <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.	✓			Failed
SB 1125 <i>Senator Fran Pavley (D)</i> Proposes to require the California Air Resources Board to develop reduction targets for greenhouse gas emissions for 2030 to inform future legislative action.	✓			Failed
SB 1156 <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.	✓			Failed

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
ENERGY				
AB 407 <i>Assemblyman V. Manuel Perez (D)</i> Proposes to address renewable energy sources in the Salton Sea. Requires 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.	✓	✓		Failed
AB 1624 <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.	✓	✓		Failed
AB 1763 <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. Requires development of a state energy plan for 2030 and 2050. Specifies plan elements.	✓	✓		Failed
AB 1935 <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.	✓	✓		Failed
AB 2229 <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.	✓	✓		Failed
AB 2334 <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.	✓			Failed
AB 2363 <i>Assemblyman Bill Quirk (D)</i> Proposes to specify methods for calculating costs for renewable energy.	✓	✓	✓	Signed by Governor
AB 2390 <i>Assemblyman Al Muratsuchi (D)</i> Proposes to establish a Low Carbon and Renewable Fuels Credit Reserve to facilitate the development of renewable and low carbon transportation fuel projects in California.	✓			Failed
AB 2649 <i>Assemblyman Kevin Mullin (D)</i> Proposes to define an independent generation facility as a military installation and to address interconnection by an independent generation facility to the utility electric grid.	✓	✓		Failed
SB 1078 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to require the Energy Commission and the Public Utilities Commission to jointly address actions needed to achieve post-2020 greenhouse gas emissions limit beyond the 1990 level, if such reductions are adopted.	✓			Failed

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 1139 <i>Senator Ben Hueso (D)</i> Proposes to amend rules for grants and loans to facilitate development of geothermal energy.	✓	✓		Failed
SB 1195 <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.	✓	✓	✓	Signed by Governor
LAND USE				
AB 1799 <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.	✓			Failed
AB 1961 <i>Assemblywoman Susan Eggman (D)</i> Proposes to require each county with significant agricultural land resources to develop a sustainable farmland strategy.	✓			Failed
SB 1289 <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.	✓			Failed
NATURAL RESOURCES				
AB 1514 <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.	✓			Failed
AB 2193 <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.	✓	✓	✓	Signed by Governor
AB 2409 <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.	✓			Failed
AB 2417 <i>Assemblyman Adrin Nazarian (D)</i> Proposes to exempt recycled water distribution systems from California Environmental Quality Act requirements.	✓	✓		Failed
AB 2629 <i>Assemblyman Richard Bloom (D)</i> Proposes to specify reporting requirements for certain conservation or mitigation banks.	✓			Failed
SB 1184 <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.	✓			Failed

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>SB 1194 <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.</p>	✓			Failed
OTHER				
<p>AB 2341 <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.</p>	✓	✓		Failed
<p>AB 2545 <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.</p>	✓	✓	✓	Signed by Governor
<p>AB 2657 <i>Assemblyman Richard Bloom (D)</i> Proposes to limit the application of specified anticoagulant pesticides in "environmentally sensitive" areas.</p>	✓	✓	✓	Signed by Governor
<p>SB 1117 <i>Senator Bill Monning (D)</i> Proposes to revise information that the Department of Pesticide Regulation is required to post on its website. Addresses department responsibilities regarding pesticides that have migrated to groundwater.</p>	✓	✓	✓	Signed by Governor
<p>SB 1421 <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.</p>	✓	✓		Failed
WASTE				
<p>AB 467 <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.</p>	✓	✓	✓	Signed by Governor
<p>AB 1594 <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.</p>	✓	✓	✓	Signed by Governor
<p>AB 1826 <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.</p>	✓	✓	✓	Signed by Governor

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1966 <i>Assemblyman Jim Patterson (R)</i> Proposes to require the California 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.	✓			Failed
AB 2251 <i>Assemblywoman Mariko Yamada (D)</i> Proposes address beverage container deposit/redemption requirements. Specifies penalties for violations or noncompliance.	✓	✓	✓	Signed by Governor
AB 2666 <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.	✓			Failed
SB 712 <i>Senator Ricardo Lara (D)</i> Proposes to require the California Department of Toxic Substances Control to issue a final decision 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.	✓	✓	✓	Signed by Governor
SB 812 <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.	✓	✓	✓	Vetoed Veto message [click on bill status]
SB 1261 <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.	✓	✓	✓	Signed by Governor
WATER				
AB 155 <i>Assemblyman Luis Alejo (D)</i> Proposes to construct a tunnel to connect Lake San Antonio and Lake Nacimiento, with the intent to maximize water storage, supply, and groundwater recharge.	✓	✓	✓	Signed by Governor
AB 282 <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.	✓	✓		Failed
AB 371 <i>Assemblyman Rudy Salas (D)</i> Proposes address the application of sewage sludge in Kern County. Authorizes monitoring/testing activities at/near sludge application sites.	✓	✓		Failed
AB 467 <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.	✓	✓	✓	Signed by Governor

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 687 <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.	✓	✓		Failed
AB 1445 <i>Assemblyman Dan Logue (R)</i> Proposes to create the California Water Infrastructure Act of 2014 to authorize the issuance of bonds to finance a safe drinking water and water supply reliability program.	✓			Failed
AB 1632 <i>Assemblywoman Kristin Olsen (R)</i> Proposes to make changes to the water rights beneficial uses program.	✓			Failed
AB 1671 <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.	✓			Failed
AB 1707 <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. Requires certain documentation regarding proposed rules be posted on the Water Board website.	✓	✓	✓	Signed by Governor
AB 1739 <i>Assemblyman Roger Dickinson (D)</i> Proposes to require local governments to regulate groundwater for sustainable management. Establishes timelines and milestones for accomplishing sustainable groundwater management and defines "sustainable groundwater management."	✓	✓	✓	Failed
AB 1807 <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.	✓			Failed
AB 1808 <i>Assemblyman Brian Dahle (R)</i> Proposes to make technical changes to the California State Drinking Water Act.	✓			Failed
AB 2049 <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.	✓	✓		Failed
AB 2179 <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.	✓			Failed
AB 2189 <i>Assemblyman Adam Gray (D)</i> Proposes to make changes to groundwater replenishment districts and replenishment assessments. Addresses public notice and public hearing requirements.	✓			Failed

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 2269 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			Failed
AB 2403 <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.	✓	✓	✓	Signed by Governor
AB 2432 <i>Assemblyman Rudy Salas (D)</i> Proposes to make technical changes to state rules governing drinking water and public water systems.	✓			Failed
AB 2446 <i>Assemblywoman Marie Waldron (R)</i> Proposes to prohibit the San Luis Rey Municipal Water District from charging a standby assessment or availability charge in excess of a specified amount. Specifies how proceeds from standby assessments/availability charges may be spent.	✓	✓	✓	Signed by Governor
AB 2619 <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.	✓			Failed
AB 2680 <i>Assemblyman Adrin Nazarian (D)</i> Proposes to make amendments to legislative findings and declarations in the Porter-Cologne Water Quality Control Act.	✓			Failed
AB 2725 <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.	✓			Failed
AB 2737 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to collect data on drinking water quality in schools and the areas known as Salinas Valley, Tulare Lake Basin, and Coachella Valley. Evaluates nitrite and arsenic levels in drinking water in disadvantaged communities.	✓			Failed
SB 104 <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
SB 985 <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.	✓	✓	✓	Signed by Governor
SB 1168 <i>Senator Fran Pavley (D)</i> Proposes to enact the Sustainable Groundwater Management Act. Authorizes the development of a sustainable groundwater management plan.	✓	✓	✓	Signed by Governor
SB 1259 <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.	✓	✓		Failed

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
**SB 1319 <i>Senator Fran Pavley (D)</i> The bill initially addressed oil spill contingency response and later was amended to address rail shipment of HAZMAT. The bill was amended again to address groundwater basin management. It modifies provisions of related bills AB 1739 and SB 1168.	✓	✓	✓	Signed by Governor
SB 1420 <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.	✓	✓	✓	Signed by Governor



WATER

WASTEWATER SYSTEMS The Hawaii Department of Health (HDOH) [extended the public comment period](#) on its [proposed revisions](#) to Hawaii Administrative Rule (HAR) 11-62 (Wastewater Systems). The [revisions](#) would:

- Prohibit the installation of new cesspools and require sewer connections or upgrades of existing cesspools to a septic system;
- Clarify when a building upgrade may trigger a requirement to upgrade a system;
- Consolidate requirements for non-domestic wastewater;
- Require new facilities discharging more than 100,000 gallons per day to dewater their sludge;
- Clarify and add requirements for aerobic treatment systems;
- Revise reporting requirements for spills and wastewater treatment works; and
- Align graywater systems with the state plumbing code.

Comments are due 17 OCT 14. For more information, contact Mark Tomomitsu at (808) 586-4294.

LEGISLATIVE DEVELOPMENTS

The [2015 Hawaii legislative session](#) begins 21 JAN 15 and is estimated to adjourn 6 MAY 16. For information about legislation in 2014, refer to the [May 2014 Review](#).

In addition, the [Guam 32nd 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 13.

[BCOR 337-32](#) proposes to require petroleum underground storage tanks be removed within 120 days after submittal of a notice of intent for permanent closure. Increases fees. Introduced 9 MAY 14.

[BCOR 339-32](#) proposes to establish a commercial recycling program. Introduced 12 MAY 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.

[BLS 353-32](#) proposes to promote plastic bag reduction in Guam. Prohibits retailers from providing non-biodegradable plastic bags to consumers at the point of sale. Introduced 15 JUN 14.



LEGISLATIVE DEVELOPMENTS

The [2015 Nevada legislative session](#) begins 2 FEB 15 and is estimated to adjourn 1 JUN 15. The state did not hold a legislative session in 2014.

Department of Defense Activity

DIRECTIVES AND INSTRUCTIONS

AIR FORCE ENCROACHMENT MANAGEMENT The Air Force issued [Air Force Instruction \(AFI\) 90-2001](#) (Encroachment Management), effective 3 SEP 14. AFI 90-2001 defines encroachment management roles and responsibilities at all levels of the Air Force. It requires the establishment of installation encroachment management teams and the development of Installation Complex Encroachment Management Action Plans (ICEMAPs).

CLEANUP

STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM DoD's Strategic Environmental Research and Development Program (SERDP) committee met 11 SEP 14 to review new start research and development projects requesting SERDP funds ([79 FR 51980](#)). SDERP reviewed these projects:

- Developing and Validating Genetic Catabolic Probes to Quantitatively Assess Monitored Natural Attenuation of 1,4-Dioxane (FY15 Follow-On);
- Estimating Mobile-Immobile Mass Transfer Parameters using Direct Push Tools (FY15 New Start);
- Biogeochemical Processes that Control Natural Attenuation of Trichloroethylene in Low Permeability Zones (FY15 New Start);
- Biologically Mediated Abiotic Degradation of Chlorinated Ethenes: A New Conceptual Framework (FY15 New Start);
- A Field Method to Quantify Chlorinated Solvent Diffusion, Sorption, Abiotic and Biotic Degradation in Low Permeability Zones (FY14 New Start).

For more information, contact Anne Andrews at (571) 372-6565 or visit the [SERDP website](#).

PUEBLO CHEMICAL DEPOT CEREMONY MARKS START OF WEAPONS DESTRUCTION Officials at Pueblo Chemical Depot held a ceremony in early September to mark the beginning of a [five-year effort](#) to destroy 780,000 mustard gas shells at the central Colorado facility. The ceremony follows several decades of planning and testing equipment to render the weapons harmless. The depot's main plant began testing in 2010 to ensure the automated system that relies on robots works properly, [reported](#) the Colorado Springs Gazette. "For more than 25 years, the citizens of Pueblo have waited for the day when we could say the chemical weapons at the depot are being destroyed," said Irene Kornelly, who heads the depot's citizen's advisory committee. The depot is scheduled to begin destroying its stockpile, which

represents most of the nation's remaining chemical weapons, in the fall of 2014 and finish in 2019. The \$3.5 billion destruction program employs nearly 1,000 workers, according to the Gazette.

ENERGY

FORT CARSON ENERGY RESEARCH PROJECT In an attempt to achieve Net Zero Energy goals, Fort Carson partnered with the General Services Administration (GSA) on the Fort Carson Energy Research Project. For the project, a research team tested and analyzed strategies to minimize energy use, including both improving building systems and influencing occupant behavior. The Fort Carson project targeted six different Army building types and four areas of opportunity for the buildings to achieve energy efficiency breakthroughs. Three of these opportunities – thermal envelope optimization, daylighting and lighting system performance, and retrofit optimization – involved improving building systems, and the fourth targeted the impact of building occupant behavior on energy performance. The first three studies were conducted by the National Renewable Energy Laboratory ([NREL](#)), while the latter was conducted by the Pacific Northwest National Laboratory ([PNNL](#)). As a whole, the research project demonstrated effective ways in which not only Fort Carson, but federal agencies and other building owners and operators can drive down their energy use and thereby save money and achieve ambitious energy and climate change goals. For more information, visit the [Fort Carson Energy Research Project website](#), view the project [executive summary](#), or download the [full report](#).

FACILITIES

GAO REPORT: JOINT BASING DoD's joint basing initiative, which consolidated 26 installations into 12 joint bases, was intended to generate cost savings through economies of scale and by optimizing service contracts and paring unnecessary management personnel. In 2005, DoD estimated this effort would result in cost savings of \$2.3 billion but in 2009 reduced this estimate to \$273 million. In 2014, the General Accountability Office (GAO) assessed DoD's progress in consolidating common services across joint bases and issued a report ([GAO-14-577](#)). The report addresses the extent to which installations reported consolidating installation-support functions and meeting joint basing goals to achieve efficiencies and cost savings. Overall, the joint bases reported partially consolidating 80% of their installation-support functions, but the extent of consolidation varied across the bases and among the various functions. None of the joint bases reported consolidating all functions. GAO found that the least consolidated functions were military service-specific or mission-specific, such as small-arms range management and port services. In addition, joint base officials reported several challenges resulting from consolidation, such as multiple inspections and employees being potentially disadvantaged in competing for promotion opportunities due to military service-specific personnel policies. GAO recommended that Congress should consider directing DoD to evaluate joint basing goals, provide direction on requirements to meet the goals, and determine the next steps for joint basing.

FACILITY UTILIZATION GAO issued a report addressing defense infrastructure ([GAO-14-538](#)). The report indicated that facility utilization data continues to be incomplete and inaccurate, and that the Office of the Secretary of Defense (OSD) does not have a strategic plan, with goals and metrics, to manage DoD's real property efficiently and facilitate identifying opportunities for consolidating unutilized or underutilized facilities. GAO recommends that OSD establish a strategic plan to identify unutilized and underutilized facilities. Goals could focus on correcting inaccurate and incomplete facility utilization data to provide better visibility for consolidating unutilized or underutilized facilities. For more information, contact [Brian Lepore](#) at (202) 512-4523.

HAZMAT

PCB DISPOSAL EPA approved a request by the Defense Logistics Agency (DLA) to import polychlorinated biphenyls (PCBs) that DoD currently owns in Japan for disposal in the United States ([79 FR 58266](#)). The final rule was effective 1 OCT 14. For more information, contact [William Noggle](#) at (703) 347-8769.

Federal Activity

AIR

AIRCRAFT CO₂ EMISSIONS EPA is [moving forward](#) with a rulemaking process to potentially regulate greenhouse gas (GHG) emissions, specifically carbon dioxide (CO₂) from aircraft. The agency is taking this action in response to two developments. The first is a petition filed in 2007 that requested EPA make an “endangerment finding” for aircraft GHGs and regulate these emissions under the CAA. A subsequent lawsuit was filed in 2010, and the D.C. District Court in 2012 ruled that the CAA requires EPA to make a final determination on whether aircraft GHG emissions cause or contribute to air pollution, which may reasonably be anticipated to endanger public health or welfare. The second development concerns international standards for aircraft GHG emissions. EPA anticipates that the [Committee on Aviation Environmental Protection](#) (CAEP) will adopt an aircraft CO₂ emissions standard in February 2016. Before EPA can adopt standards equivalent to CAEP standards, it must first propose and then finalize an endangerment finding for aircraft GHG emissions. If the endangerment finding is made and finalized, EPA is obligated under the CAA to set GHG emission standards for aircraft. Under EPA’s current schedule, it would propose endangerment and cause/contribute findings and domestically release an advance notice of public rulemaking in late April 2015. EPA anticipates it will take approximately another year to finalize the findings.

SUPPORTING DOCUMENTS: OZONE NAAQS EPA released three final documents supporting the review of ozone national ambient air quality standards (NAAQS) titled *Policy Assessment for the Review of the Ozone NAAQS, Health Risk and Exposure Assessment for Ozone*, and *Welfare Risk and Exposure Assessment of Ozone* ([79 FR 53192](#)). The documents were prepared for the ongoing review of the primary (health-based) and secondary (welfare-based) NAAQS for ozone. For more information, contact [Susan Stone](#) at (919) 541-1146 or visit the [ozone standards website](#).

AMBIENT MONITORING QUALITY ASSURANCE EPA is proposing revisions to ambient air monitoring requirements for criteria pollutants ([79 FR 54355](#)). The revisions are intended to provide clarifications to existing requirements to reduce the compliance burden for monitoring agencies operating ambient networks. The proposal focuses on reorganizing and clarifying quality assurance requirements, simplifying and reducing data reporting and certification requirements, clarifying the annual monitoring network plan public notice requirements, revising certain network design criteria for nonsource lead monitoring, and addressing other issues in the 40 CFR Part 58 (Ambient Air Quality Surveillance Requirements). Comments are due 10 NOV 14. For more information, contact [Lewis Weinstock](#) at (919) 541-3661.

GAO REPORT: RETIREMENTS OF COAL-FUELED GENERATING PLANTS GAO issued a report on how power companies are responding to EPA regulations affecting coal-fueled electricity generating units ([GAO-14-672](#)). GAO found that power companies now plan to retire a greater percentage of coal-fueled generating capacity and retrofit less capacity with environmental controls than estimated in 2012. Regulations affecting coal-fueled electricity generating units include the Cross-State Air Pollution Rule, Mercury and Air Toxics Standards, Cooling Water Intake Structures regulation, Disposal of Coal Combustion Residuals regulation, and the June 2014 (proposed) green power plan to reduce CO₂ power plant emissions.

WESTERN STATES: NO₂ PROPOSED CONSENT DECREE EPA is soliciting public comment on a [proposed consent decree](#) that would require the agency to make findings that 11 western states have failed to submit required SIPs to meet the 2010 nitrogen dioxide (NO₂) NAAQS ([79 FR 55477](#)). Under the terms of the decree, EPA would be required to determine by 15 NOV 15 that Alaska, Colorado, Hawaii, Idaho, New Mexico, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming failed to make required SIP submittals. Comments are due 16 OCT 14. For more information, contact [Susmita Dubey](#) at (202) 564-5577.

ARIZONA SIP EPA is proposing to approve revisions to the Arizona SIP ([79 FR 56684](#)). The revisions include two Arizona statutes and certain state rules that govern stationary sources under the jurisdiction of the ADEQ. The amendments affect definitions and other general provisions; ambient air quality standards and area designations; and emissions limitations and other requirements for specified stationary sources. Comments are due 23 OCT 14. For more information, contact [Christine Vineyard](#) at (415) 947-4125.

ARIZONA REGIONAL HAZE FIP EPA issued a final federal implementation plan (FIP) addressing the requirements of the Regional Haze rule and interstate visibility transport for the disapproved portions of Arizona's Regional Haze SIP ([79 FR 52419](#)). The final rule, together with the EPA's [5 DEC 12](#) final rule, completes the FIP for the disapproved portions of Arizona's Regional Haze SIP. The final rule is effective 2 OCT 14. For more information, contact [Thomas Webb](#) at (415) 947-4139.

ARIZONA: HAYDEN AREA REDESIGNATION EPA is redesignating the Hayden area, which encompasses portions of southern Gila and eastern Pinal counties, Arizona, from unclassifiable to nonattainment for the 2008 NAAQS for lead ([79 FR 52205](#)). The effect of this action is to redesignate the Hayden area to nonattainment for the lead standards and to impose certain planning requirements on Arizona to reduce lead concentrations within the Hayden area. The final rule is effective 3 OCT 14. For more information, contact [Ginger Vagenas](#) at (415) 972-3964.

ARIZONA SIP: NOGALES PM2.5 NONATTAINMENT EPA is proposing to approve revisions to the Arizona SIP concerning 2008 and 2010 emissions inventories for the 2006 24-hour fine particulate (PM2.5) NAAQS for the Nogales PM2.5 nonattainment area ([79 FR 51923](#)). Comments were due 2 OCT 14. For more information, contact [Jerry Wamsley](#) at (415) 947-4111.

ARIZONA SIP: PHOENIX-MESA OZONE NONATTAINMENT EPA is approving a request to redesignate the Phoenix-Mesa ozone nonattainment area to attainment for the 1997 eight-hour ozone NAAQS ([79 FR 55645](#)). EPA is also approving the state's plan for maintaining the 1997 ozone standard in the Phoenix-Mesa area for 10 years beyond redesignation, and the inventories and related motor vehicle emissions budgets within the plan. The approval is a revision to the Arizona SIP. The final rule is effective 17 OCT 14. For more information, contact [Ginger Vagenas](#) at (415) 972-3964.

CALIFORNIA SIP: NORTH COAST-FAILURE TO SUBMIT PM2.5 REVISION EPA found that the North Coast Air Quality Management District has not made a necessary Prevention of Significant Deterioration (PSD) SIP submission to address permitting of PM2.5 emissions ([79 FR 51913](#)). Specifically, the EPA determined that the district did not submit a SIP revision to address the [2010](#) PM2.5 PSD increments and implementing regulations. The deadline for the district to make the required submittal was 20 JUL 12. The CAA requires EPA to promulgate a FIP to address the outstanding PSD SIP elements by no later than 24 months after the effective date of this finding, 2 OCT 14. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

CALIFORNIA SIP: SAN JOAQUIN PM2.5 EPA is approving revisions to the San Joaquin Valley Air Pollution Control District portion of the California SIP ([79 FR 55637](#)). These revisions concern pre-construction review of new and modified stationary sources located within the district. The revisions are intended to remedy deficiencies the EPA identified when granting limited approval and limited disapproval to the rules in 2010, and to add requirements for pre-construction review of new and modified sources of PM2.5. The final rule is effective 17 OCT 14. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

CALIFORNIA SIP: SOUTH COAST NOX EPA is proposing to approve revisions to the South Coast Air Quality Management District portion of the California SIP ([79 FR 57491](#)). The revisions are related to oxides of nitrogen (NOx) emissions from boilers, steam generators, and process heaters. Comments are due 27 OCT 14. For more information, contact [Nicole Law](#) at (415) 947-4126.

CALIFORNIA SIP: SOUTH COAST OZONE EPA approved revisions to the South Coast Air Quality Management District portion of the California SIP ([79 FR 52525](#)). The revisions are related to attainment of the one-hour and 1997 eight-hour ozone NAAQS. The final rule is effective 3 OCT 14. For more information, contact [Wienke Tax](#) at (415) 947-4192.

ENERGY

ANNUAL ENERGY DATA AND SUSTAINABILITY PERFORMANCE The Federal Energy Management Program collated annual energy data and sustainability performance. The [website](#) offers complete annual data sets of agency aggregated annual energy and water consumption and costs by end-use sector, efficiency investment information, and progress toward key goals outlined in the National Energy Conservation Policy Act, as amended; Energy Policy Act of 2005 (EPA 2005); and Executive Order 13514. Historical data tables of agency energy use and costs by facility and mobility sectors by energy type are also available for FY 1975 through FY 2013. Detailed annual comprehensive GHG inventories by federal agency are presented along with progress toward achieving scope 1, 2, and 3 GHG reduction targets. The data tables may also be filtered by numerous variables (agency, year, sector) and are exportable to Excel.

FEDERAL BUILDING ENERGY BENCHMARKING GUIDANCE The Department of Energy (DOE) posted [updated guidance](#) for energy and water efficiency measures in federal buildings. The guidance:

- Clarifies the criteria for "metered building;"
- Designates EPA's Energy Star Portfolio Manager as the sole benchmarking tool for federal agencies to use in fulfilling the benchmarking requirements; and
- Reiterates the criteria and process for requesting non-disclosure of building performance for national security reason.

DOE determined that the statutory requirement (section 432 of the Energy Independence and Security Act of 2007, or EISA 2007) and [Presidential Memorandum](#) directives apply to each individual building that is outfitted with a meter under 42 U.S.C. § 8253(e)1 and that is (or is a part of) a "covered facility." These may be buildings that are stand-alone and separately billed, or multiple buildings that are separately metered on federal campuses or installations. Metered buildings that are not (or are not part of) EISA "covered facilities" are not required to be benchmarked, but agencies are encouraged to benchmark and disclose the performance data of these buildings as well.

SUNSHOT PRIZE: BROADENING THE SCOPE DOE suspended competition rules for its [SunShot Prize: Race to the Rooftop](#) in order to broaden the scope of participation and better align competition rules with SunShot goals, given that the U.S. solar market has already realized 60% of the SunShot price targets for 2020 (\$1/watt plug in price). The competition offered prizes aimed to spur low-cost rooftop solar installation across the U.S. The competition was suspended effective 20 SEP 14. For more information, contact [Elaine Ulrich](#) at (202) 287-1862.

BUILDING ENERGY STANDARDS DOE determined that the 2013 edition of the ANSI/ASHRAE/IES [Standard 90.1: Energy Standard for Buildings, Except Low-Rise Residential Buildings](#) would improve energy efficiency in buildings compared to the 2010 edition of Standard 90.1 ([79 FR 57900](#)). Consequently, states will be required by [26 SEP 16](#) to certify that they have reviewed the energy efficiency provisions of their commercial building codes and updated their codes to meet or exceed Standard 90.1-2013. DOE estimates this change will result in national source energy savings of approximately 8.5% and site energy savings of approximately 7.6% of commercial building energy consumption. Separately, DOE made a preliminary determination that the 2015 edition of the International Energy Conservation Code (IECC) would improve energy efficiency in buildings subject to the code compared to the 2012 edition. If this determination were finalized, states would be required to certify they have reviewed the provisions of their residential building code regarding energy efficiency and made a determination as to whether to update their code to meet or exceed the 2015 IECC. DOE estimates this change would result in national source energy savings of approximately 1.03%. For more information, contact [Jeremiah Williams](#) at (202) 287-1941.

GSA REVIEW OF LEED V4 GREEN BUILDING CERTIFICATION GSA posted [a draft review](#) of the Leadership in Energy and Environmental Design Version 4 (LEED v4) green building certification system that was published in November 2013. LEED v4 offers prerequisites and credits that support an integrative approach to building design, construction, operations, and maintenance. However, taken collectively, these credits are related to but do not fully align with all aspects of federal requirements. The report assessed how well LEED v4 aligned with:

- [EPA Act 2005](#);
- [Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings](#);
- [EISA 2007](#);
- [EO 13423](#) (Strengthening Federal Environmental, Energy, and Transportation Management);
- [EO 13514](#) (Federal Leadership in Environmental, Energy, and Economic Performance);
- [EO 13653](#) (Preparing the United States for the Impacts of Climate Change);
- [Presidential Memorandum on Federal Leadership in Energy Management](#) and;
- Other federal requirements established by statute, regulation, and EO.

For more information, contact [Bryan Steverson](#) at (202) 501-6115.

DESERT RENEWABLE ENERGY CONSERVATION PLAN AND EIS The Bureau of Land Management (BLM) and the Fish and Wildlife Service (FWS) have partnered with the California Energy Commission and the California Department of Fish and Wildlife to prepare the Draft Desert Renewable Energy Conservation Plan and related Environmental Impact Statement/Environmental Impact Report (EIS/EIR) ([79 FR 57971](#)). The planning documents build on the competitive renewable energy zones identified by the Renewable Energy Transmission Initiative and the Solar Energy Zones identified in the BLM Solar Programmatic EIS record of decision, and further identify the most appropriate locations within the desert planning area for the development of utility-scale renewable energy projects. The desert planning area includes approximately 22.5 million acres of federal and non-federal land in the Mojave and Colorado/Sonoran Desert regions of southern California, including portions of seven counties (Imperial, Inyo, Kern, Los Angeles, Riverside, San Bernardino, and San Diego). Comments are due 9 JAN 15. For more information, contact [Kennon Corey](#) at (760) 322-2070 or visit the [desert planning area website](#).

HAZMAT

EMERGENCY RESPONSE GUIDEBOOK The Pipeline and Hazardous Materials Safety Administration (PHMSA) is accepting input on ways to improve the Emergency Response Guidebook (ERG) as it develops the 2016 version (ERG2016) ([79 FR 52106](#)). The ERG is for use by emergency services personnel to provide guidance for initial response to hazardous materials incidents. Since 1980, it has been the goal of PHMSA that all public emergency response vehicles (e.g., fire-fighting, police, and rescue squads) have immediate access to the ERG. In addition to this notice, PHMSA will publicize its interest in receiving input on the ERG2016 through future announcements to emergency responder associations, during training and education seminars, and during activities with state and local government agencies. No specific due date for comments has been imposed. For more information, contact [Suzette Paes](#) at (202) 366-4900.

REVERSE LOGISTICS PHMSA extended the public comment on its [11 AUG 14](#) proposed reverse logistics rule ([79 FR 57494](#)). The proposed rule would define "reverse logistics" for HAZMAT returned to or between a vendor, distributor, or manufacturer for credit, replacement, or similar reason. The rule would also provide an exception for materials transported in a manner that meets the definition of reverse logistics. The proposed exception rule identifies HAZMAT authorized, packaging, hazard communication, and training requirements applicable to reverse logistics shipments. In addition to providing a new reverse logistics exception, the rulemaking also proposes to expand an existing exception for reverse logistics shipments of used automobile batteries that are being shipped from a retail facility to a recycling center. Comments are due 10 NOV 14. For more information, contact Steven Andrews at (202) 366-8553.

TOXIC RELEASE INVENTORY REPORTING EPA added a nonylphenol category to the list of toxic chemicals subject to reporting under EPCRA Section 313 and section 6607 of the Pollution Prevention Act (PPA) of 1990 ([79 FR 58686](#)). Nonylphenol is used in lubricating oils, detergents, and emulsifiers, as a protectant in polymers (e.g., rubber, vinyl, polyolefins and polystyrenics), and as a stabilizer in plastic food packaging. Nonylphenol is classified as endocrine disruptor. The final rule was effective 20 SEP 14 and applies for the reporting year beginning 1 JAN 15. For more information, contact [Daniel Bushman](#) at (202) 566-0743.

NOISE

CIVILIAN AIRCRAFT NOISE SURVEY The Federal Aviation Administration (FAA) is requesting approval to conduct a “Neighborhood Environmental Survey” of households surrounding civilian airports ([79 FR 54774](#)). The survey is intended to gauge homeowner annoyance levels to aircraft noise and to inform the administration’s national aviation noise policy. Comments are due 14 OCT 14. For more information, contact [Kathy DePaepe](#) at (405) 954-9362.

THREATENED AND ENDANGERED SPECIES

SAGE-GROUSE Western Governors [are concerned](#) that federal coordination with states in the planning process for greater sage-grouse is inadequate. Colorado Governor John Hickenlooper, on behalf of the Western Governors’ Association, [sent a letter](#) to the heads of the BLM and Forest Service expressing disappointment with the level of planning and coordination between federal agencies and the states and urging more meaningful consultation on BLM and Forest Service greater sage-grouse planning efforts.

VOLUNTARY PRELISTING CONSERVATION ACTION POLICY FWS extended the public comment period on a [draft policy](#) crediting voluntary conservation actions taken for species prior to their listing under the Endangered Species Act (ESA) ([79 FR 56602](#)). Under the proposed policy, landowners could obtain credits for current efforts that benefit declining species. These conservation credits could later be redeemed to offset or mitigate actions that are detrimental to a species that was subsequently listed under the act. The credits may also be traded or sold to a third party. The comment period is extended to 6 NOV 14. For more information, contact Jim Serfis at (703) 358-2171 or view this [news release](#).

CANADA LYNX FWS designated revised critical habitat for the contiguous United States distinct population segment (DPS) of the [Canada lynx](#) (*Lynx canadensis*) and revised the boundary of the Canada lynx DPS ([79 FR 54781](#)). The final rule designates 38,954 square miles of critical habitat in Idaho, Maine, Minnesota, Montana, Washington, and Wyoming and extends ESA protections to the species wherever it occurs in the contiguous United States, including New Mexico. The effect of this regulation is to conserve the lynx and its habitats in the contiguous United States. The final rule is effective 14 OCT 14. For more information, contact Jodi Bush at (406) 449-5225. The rule was effective on 14 OCT 14.

ADDITIONS TO THE LIST OF ENDANGERED AND THREATENED WILDLIFE FWS amended the List of Endangered and Threatened Wildlife by adding five species of foreign sturgeon, four DPS of scalloped hammerhead shark (*Sphyrna lewini*), and a nonessential experimental population (NEP) of Upper Columbia River spring-run Chinook salmon (*Oncorhynchus tshawytscha*) ([79 FR 52579](#)). The amendments are based on previously published determinations by National Marine Fisheries Service (NMFS), which has jurisdiction for these species. The scalloped hammerhead shark DPS listings was effective 2 SEP 14 and the designation of a NEP of Upper Columbia River spring-run Chinook salmon was effective 11 AUG 14. For more information, contact Douglas Krofta at (703) 358-2171.

OREGON SPOTTED FROG: CRITICAL HABITAT FWS reopened the public comment period on its [August 2013](#) and [June 2014](#) proposals to designate critical habitat for the [Oregon spotted frog](#) (*Rana pretiosa*) ([79 FR 53384](#)). The public comment period was extended to 23 SEP 14. For more information, contact Thomas McDowell at (360) 753-9440.

VALLEY ELDERBERRY LONGHORN BEETLE FWS withdrew a proposed delisting of the [valley elderberry longhorn beetle](#) (*Desmocerus californicus dimorphus*) because it determined that threats to the species and its habitat have not been reduced to the point where the species no longer meets the statutory definition of an endangered or threatened species ([79 FR 55873](#)). FWS withdrew its [2012 proposed delisting](#) 17 SEP 14. The beetle is found in central California. For more information, contact Jennifer Norris at (916) 414-6600.

RED MOUNTAIN BUCKWHEAT AND RED MOUNTAIN STONECROP FWS determined that listing [Red Mountain buckwheat](#) (*Eriogonum kelloggii*) and [Red Mountain stonecrop](#) (*Sedum eastwoodiae*) is not warranted ([79 FR 56029](#)). The species

are found on Red Mountain and Little Red Mountain in Mendocino County, California. The finding was made 18 SEP 14. For more information, contact Bruce Bingham at (707) 822-7201.

TUCSON SHOVEL-NOSED SNAKE FWS determined that listing the [Tucson shovel-nosed snake](#) (*Chionactis occipitalis klauberi*) is not warranted (79 FR 56730). The species has been removed from the candidate list, effective 23 SEP 14. For more information, contact Steve Spangle at (602) 242-0210.

CHURCHILL NARROWS AND LAS VEGAS BUCKWHEAT FWS determined that listing [Churchill Narrows buckwheat](#) (*Eriogonum diatomaceum*) and [Las Vegas buckwheat](#) (*Eriogonum corymbosum* var. *nilesii*) is not warranted (79 FR 57032). The Churchill Narrows buckwheat is found in Nevada and the Las Vegas buckwheat is found in portions of Nevada and Utah. The finding was made 23 SEP 14. For more information, contact Edward Koch at (775) 861-6300.

INDO-PACIFIC FISH In response to a petition to list eight species of pomacentrid reef fish (i.e., damsel and clownfish) as threatened or endangered, NMFS found that listing of one of the species may be warranted (79 FR 52276). The service will conduct a status review for orange clownfish (*Amphiprion percula*) to determine if listing is warranted. A separate finding will be issued regarding whether listing may be warranted for the yellowtail damselfish (*Microspathodon chrysurus*). The service determined that listing is not warranted for the remaining six species. Comments about the orange clownfish are due 3 NOV 14. For more information, contact Jean Higgins at (808) 725-5151.

FINAL DETERMINATION FOR 66 CORALS NMFS issued a final rule listing 20 reef-building coral species as threatened (79 FR 53851). Five of the species are found in the Caribbean, while the remaining 15 are found in the Indo-Pacific. Collectively, the species can be found in the United States, its territories (Puerto Rico, U.S. Virgin Islands, Navassa, Northern Mariana Islands, Guam, American Samoa, Pacific Remote Island Areas), or its freely associated states (Republic of the Marshall Islands, Federated States of Micronesia, and Republic of Palau), though many occur more frequently in other countries. In addition, the service determined that 43 coral species do not warrant listing as endangered or threatened. A determination could not be made for the remaining three species. The final rule was effective 10 OCT 14. For more information, contact Lance Smith at (808) 725-513, or visit this [protected corals website](#).

FIVE-YEAR STATUS REVIEW: SOUTHERN RIGHT WHALE AND SPERM WHALE MNFS is conducting a five-year status review of the [southern right whale](#) (*Eubalaena australis*) and [sperm whale](#) (*Physeter macrocephalus*) (79 FR 53171). The service is requesting information that has become available since the last review (2007 and 2009, respectively). The southern right whale occurs throughout the southern hemisphere from temperate to polar latitudes (20° and 60° S latitude). Sperm whales are found throughout the world's oceans in deep waters between about 60° N and 60° S latitudes. For management purposes, sperm whales inhabiting U.S. waters have been divided into five stocks: California-Oregon-Washington stock, North Pacific (Alaska) stock, Hawaiian stock, Northern Gulf of Mexico stock, and North Atlantic stock. Comments are due 7 NOV 14. For more information, contact Therese Conant at (301) 427-8456.

POLLUTION PREVENTION

INSPECTOR GENERAL REVIEWS EPA POLLUTION PREVENTION PROGRAM EPA's Inspector General released [a report](#) critiquing the agency's Design for the Environment (DfE) program and subsequent agency claims about program effectiveness and achievements. The report found that EPA has [no proof](#) that the DfE program has reduced the use of hazardous materials as claimed. The report also found that EPA cannot claim the pollution prevention program is cost effective because the program does not measure cost effectiveness. The report evaluated divergent aspects of DfE's Safer Product Labeling program and found that DfE results data are not appropriate or valid to support EPA claims.

WASTE

DISPOSAL OF USED PHARMACEUTICALS The Drug Enforcement Administration (DEA) issued a final rule governing the secure disposal of controlled substances (i.e., pharmaceuticals) by registrants and ultimate users (79 FR 53519). The final regulation implements the [Secure and Responsible Drug Disposal Act of 2010](#) by expanding the options available to collect controlled substances for disposal to include take-back events, mail-back programs, and collection receptacle

locations. The regulation will allow authorized manufacturers, distributors, reverse distributors, narcotic treatment programs, hospitals/clinics with an on-site pharmacy, and retail pharmacies to voluntarily administer mail-back programs and maintain collection receptacles. In addition, the rule expands the authority of authorized hospitals/clinics and retail pharmacies to voluntarily maintain collection receptacles at long-term care facilities. The rule also reorganizes and consolidates previously existing regulations on disposal, including the role of reverse distributors. The final rule was effective 9 OCT 14. The rule amends 21 CFR Parts 1300, 1301, 1304, 1305, 1307, and 1317. For more information, contact Imelda Paredes at (202) 598-6812.

WATER

SMALL VESSEL GENERAL PERMIT EPA's ten regional offices are finalizing the National Pollutant Discharge Elimination System (NPDES) Small Vessel General Permit (sVGP) to authorize discharges incidental to the normal operation of non-military and non-recreational vessels less than 79 feet in length ([79 FR 53701](#)). EPA is finalizing the sVGP because a moratorium against NPDES permitting of these discharges (except ballast water) expires on 18 DEC 14. The sVGP is effective 19 DEC 14. For more information, contact Jack Faulk at (202) 564-0768.

EFFLUENT GUIDELINE PROGRAM PLANS AND REVIEW REPORTS EPA released the [Final 2012 and Preliminary 2014 Effluent Guidelines Program Plans](#) for public review and comment ([79 FR 55472](#)). The Clean Water Act (CWA) requires EPA to publish a plan for new and revised effluent guidelines every two years. The program plan identifies any new or existing industrial categories selected for effluent guidelines rulemaking and provides a schedule for such rulemaking. Comments are due 17 NOV 14. For more information, contact [William Swietlik](#) at (202) 566-1129 or visit the [effluent guidelines website](#) to view a fact sheet, download the plans, or learn about CWA Section 304.

DENTAL AMALGAM EFFLUENT GUIDELINES EPA is proposing technology-based pretreatment standards for discharges of pollutants into publicly owned treatment works (POTWs) from certain existing and new dental practices. The proposal would require such dental practices to comply with requirements for controlling the discharge of dental amalgam pollutants to POTWs. The requirements are based on the best available technology or best available control technology, amalgam separators, and best management practices. EPA is also proposing to amend the General Pretreatment Regulations (40 CFR Part 403) to streamline oversight requirements for the dental sector. For more information, view this [fact sheet](#) and [prepublication notice](#).

NPDES TEST METHODS EPA corrected its [19 AUG 14 final rule](#) regarding the use of "sufficiently sensitive" test methods associated with NPDES permit applications ([79 FR 56274](#)). EPA corrected two citations that are contained within the text of two "Notes" in the final rule. The final rule was effective 18 SEP 14. For more information, contact [Kathryn Kelley](#) at (202) 564-7004.

WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT OF 2014 EPA is holding a series of informational and stakeholder meetings to discuss implementation of the [Water Infrastructure Finance and Innovation Act of 2014](#) ([79 FR 55794](#)). The act is an innovative financing mechanism for water-related infrastructure of national or regional significance. It was signed into law on 11 JUN 14 as Public Law 113-121. EPA will be providing an overview of the statute, assistance options and terms, and ideas for implementing the program. EPA would like participants to discuss project ideas and potential selection criteria; opportunities, challenges, and questions about implementation; and future stakeholder engagement. The intended audience is municipal, state, and regional utility decision makers; private finance sector representatives; and other interested organizations and parties. Meetings were held in New York City in September 2014. Additional information and stakeholder input sessions will be held in locations around the country through December 2014. Locations and dates for the additional sessions will be announced when they become available. For more information, contact [Jordan Dorfman](#) at (202) 564-0614.

ARIZONA WATER PROGRAMS: ELECTRONIC REPORTING EPA approved Arizona's request to revise/modify certain of its EPA-authorized programs to allow electronic reporting ([79 FR 52318](#)). The approval authorizes the state to use electronic reporting associated with the NPDES and National Primary Drinking Water Regulations Implementation program. The approval was effective 3 OCT 14. For more information, contact [Karen Seeh](#) at (202) 566-1175.

Professional Development

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER - 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 FY15 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [Course Catalog](#) and [List of Classes and schedule](#) for details.

NAVY AND ISEERB ENVIRONMENTAL TRAINING The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule 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 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.

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 shows 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 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 on-demand 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, from the series of live and archived webinars. 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 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 This [EPA video series](#) explaining the Area Source Boiler Rule 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.

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 Idaho, Oregon, and Washington to reduce the harmful impacts of fats, oils, and grease (FOG) in sewers. For information about remaining 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.

PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES The CERCLA Education Center (CEC) is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). 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). More information is available at www.clu-in.org.

DISTRIBUTED-SCALE RENEWABLE ENERGY PROJECTS: FROM PLANNING TO PROJECT CLOSEOUT [This 2.5 hour webinar](#) focuses on the planning and implementation of distributed-scale renewable energy projects (i.e., those smaller than 10 megawatts). The on-demand course outlines a detailed 10-step process from technology screening to project closeout. It explores online tools and resources for renewable energy projects on federal sites.

EPA AIR POLLUTION TRAINING INSTITUTE (APTI) EPA's [Air Pollution Training Institute](#) (APTI) offers a variety of online self instructional courses and videos for air pollution professionals. Although APTI courses are designed for state and local government officials, the courses, webinars, and videos are available to anyone.

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.

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Acronyms

AAQS	ambient air quality standards
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ADEQ	Arizona Department of Environmental Quality
ADWR	Arizona Department of Water Resources
AFB	Air Force Base
AGRRC	Arizona Governor's Regulatory Review Council
AQIP	Air Quality Improvement Program
ARNG	Army National Guard
ASTM	American Standard Test Method
ATSDR	Agency for Toxic Substances and Disease Registry
BACM	best available control measure
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CATEX	categorical exclusion
CBAR	California Bureau of Automotive Repair
CCR	California Code of Regulation
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CDPR	California Department of Pesticide Regulation
CDTSC	California Department of Toxic Substances Control
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CH ₄	methane
CNOR	candidate notice of review
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COAL	California Office of Administrative Law
COEHHA	California Office of Environmental Health Hazard Assessment
CPUC	California Public Utilities Commission
CrVI	hexavalent chromium
CSWRCB	California State Water Resources Control Board
CWA	Clean Water Act
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DSM	demand side management
DPS	distinct population segment
EA	environmental assessment
ECA	emission control area
ECF	emission comparable fuel
EIS	environmental impact statement

EISA	Energy Independence and Security Act of 2007
EPA	Environmental Protection Agency
EPAct	Energy Policy Act of 2005
EO	Executive Order
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIP	Federal Implementation Plan
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GEPA	Guam Environmental Protection Agency
GHG	greenhouse gas
GSA	General Service Administration
HAP	hazardous air pollutant
HAR	Hawaii Administrative Rule
HAZMAT	hazardous material
HB	House Bill
HCFC	hydrochlorofluorocarbon
HCWRM	Hawaii Commission on Water Resource Management
HDA	Hawaii Department of Agriculture
HDLNR	Hawaii Department of Land and Natural Resources
HDOH	Hawaii Department of Health
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
MACT	maximum achievable control technology
MADL	maximum allowable dose level
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NEP	nonessential experimental population
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF ₃	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO ₂	nitrogen dioxide
NOx	nitrogen oxides

NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSEC	Nevada State Environmental Commission
NSPS	New Source Performance Standard
NSR	New Source Review
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
OSHA	Occupational Safety and Health Administration
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RACT	reasonably available control technology
RCRA	Resource Conservation and Recovery Act
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SIP	State Implementation Plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WGA	Western Governors' Association
WRAP	Western Regional Air Partnership