



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

May 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.



Table of Contents

Arizona.....	2
California.....	3
Hawaii and Pacific Islands.....	13
Nevada.....	18
DoD Activity.....	18
Federal Activity.....	20
Professional Development.....	25
Staff Directory.....	29
Acronyms.....	30

Geo-Mapping Supports Renewable Energy Development

As part of its goal to increase procurement of renewable energy sources to 25 percent by 2025, the Army is encouraging the development of renewable energy projects on Army lands.

Critical to the first stage of this effort is identifying installation lands suitable for development.

The U.S. Army Environmental Command (USAEC) gathered geospatial data to identify land on military bases that may be available for renewable energy projects. Using ArmyMapper, USAEC analyzed 174 different Army facilities to identify “clear parcels” suitable for renewable energy projects.

The analysis first excluded areas of each installation used for training, developed areas such as roads, areas with existing structures, and other areas unsuitable for development, such as wetlands, protected lands, and areas with threatened and endangered species or cultural resources. Then, cartographers took into account the topography of the installation, excluding areas too steep for renewable energy projects. USAEC provided refinements to its initial analysis as additional or updated data was provided by installations.

USAEC’s mapping efforts served as a starting point for discussion between the Army’s Energy Initiatives Task Force (EITF) and installation personnel for development of renewable energy projects. EITF serves as the central managing office for the development of large-scale Army renewable energy projects.

According to the Army, the analysis illustrates the utility of mapping software to link Army installations with headquarters requirements and helps installation commanders understand how they can use idle or unused installation lands to meet mission requirements.

Region 9

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



LEGISLATIVE DEVELOPMENTS

The [2014 Arizona legislative session](#) began 13 JAN 14 and adjourned 24 APR 14.

<i>Arizona 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				
HB 2623 <i>Representative Frank Pratt (R)</i> Proposes to require the Department of Environmental Quality to establish CO ₂ emission standards for existing coal-fired electric generating units that are separate from those for natural gas-fired units.	✓			Failed upon adjournment
ENERGY				
HCR 2032 <i>Representative Chad Campbell (D)</i> Proposes to establish a net metering program. Establishes program requirements.	✓			Failed upon adjournment
SB 1467 <i>Senator John McComish (R)</i> Proposes to establish that solar energy devices owned or leased by a third party add no value to the property if the energy is made available to the grid.	✓			Failed upon adjournment
LAND USE				
HB 2700 <i>Representative Bob Thorpe (R)</i> Proposes to require the State Department identify state lands acquired by the federal government after statehood, including state lands located within national monuments designated pursuant to the Antiquities Act of 1906. Establishes monitoring and reporting requirements.	✓	✓		Failed upon adjournment
SB 1458 <i>Senator Gail Griffin (R)</i> Proposes to amend requirements for land conservation. Defines land conservation practices.	✓			Failed upon adjournment
NATURAL RESOURCES				
HB 2699 <i>Representative Bob Thorpe (R)</i> Proposes to terminate all programs for threatened and endangered species on 31 AUG 14 unless each individual program is approved by majority vote in each legislative house.	✓	✓	✓	Vetoed [Veto message]

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
OTHER				
HB 2092 <i>Representative Thomas Shope (R)</i> Proposes to terminate the Arizona Department of Environmental Quality on 1 JUL 24.	✓	✓	✓	Failed upon adjournment
SB 1465 <i>Senator Carlyle Begay (D)</i> Proposes to amend provisions for the rural Arizona and tribal infrastructure capital improvement plan. The plan is intended to ensure adequate financial resources for infrastructure development for rural Arizona and tribal communities and to provide for the planning and development of infrastructure in an efficient and cost-effective manner.	✓			Failed upon adjournment
WASTE				
WATER				
HB 2326 <i>Representative Thomas Shope (R)</i> Proposes to address water banking authority and water storage credits.	✓			Failed upon adjournment
HB 2516 <i>Representative Steve Smith (R)</i> Proposes to prohibit the Department of Water Resources from adopting or implementing certain administrative rules in the Pinal Active Management Area. Prohibits rules that reduce credits granted for the extinguishment of irrigation grandfathered rights to an amount less than the full amount of the irrigation grandfathered right held by the owner of the right.	✓			Failed upon adjournment
SB 1274 <i>Senator Gail Griffin (R)</i> Proposes to establish requirements relating to aquifer protection permits. Such permits are issued to facilities that release pollutants directly to an aquifer, to land surface, or to underlying soils where it is likely the pollutant will reach an aquifer. Revises financial requirements.	✓	✓	✓	Signed by Governor
SCM 1001 <i>Senator Gail Griffin (R)</i> Proposes to urge the federal Department of the Interior to immediately take all necessary measures to operate the Yuma Desalting Plant.	✓	✓	✓	Enacted



AIR

EASTERN KERN AIR POLLUTION CONTROL DISTRICT The Eastern Kern Air Pollution Control District adopted amendments to two existing rules and adopted three new rules, effective 13 MAR 14:

- [Amended Rule 410.4](#) – Metal, Plastic, and Pleasure Craft Parts and Products Coating Operations;
- [Amended Rule 410.4A](#) - Motor Vehicle and Mobile Equipment Refinishing Operations;
- [New Rule 410.8](#) - Aerospace Assembly and Coating Operations;
- [New Rule 410.9](#) - Wood Products Surface Coating Operations; and
- [New Rule 432](#) - Polyester Resin Operations.

TOXICS

CALENVIROSCREEN 2.0 DRAFT AND WEBINAR The California Office of Environmental Health Hazard Assessment (COEHHA) [released](#) for public comment a draft [CalEnviroScreen Version 2.0 Guidance and Screening Tool](#) document, hosted a webinar on 30 APR 14 describing the tool and major updates in Version 2.0, and held a series of public workshops in early May 2014. CalEnviroScreen is a screening methodology to identify California communities that are disproportionately burdened by multiple sources of pollution. A report describing the methodology, major updates, and the draft results along with an online mapping application will be available on COEHHA's [website](#). Comments are due 23 MAY 14. For more information, contact [COEHHA](#).

UPDATED PHGS COEHHA [published](#) updated public health goals (PHGs) for chlorobenzene, endothall, hexachlorocyclopentadiene, silvex, and trichlorofluoromethane in drinking water. The office also announced the availability of the final technical support document for these PHGs. The updated PHGs are 70 parts per billion (ppb) for chlorobenzene, 94 ppb for endothall, 2 ppb for hexachlorocyclopentadiene, 3 ppb for silvex, and 1,300 ppb for trichlorofluoromethane, all based on non-cancer effects. The updated PHGs were published 25 APR 14. For more information, contact [Herrnelinda Jimenez](#) at (510) 622-3170.

WATER

GRAY WATER REUSE The State Water Resources Control Board [is proposing](#) to issue a General Order and an associated California Environmental Quality Act (CEQA) Initial Study/Negative Declaration (Negative Declaration) addressing the use of recycled water. After approval by the state board, the General Order will be used by the Regional Water Quality Control Boards (Regional Water Boards) to streamline permitting of recycled water uses that typically are a relatively low threat to water quality. The General Order will allow the use of recycled water that meets the water recycling regulations and reuse criteria specified in the Title 22, California Code of Regulations (CCR), Division 4, Chapter 3 with the exception of groundwater recharge activities. A public meeting is scheduled for 3 JUN 14. Comments are due 27 MAY 14. For more information, contact [David Balgobin](#) at (916) 341-6914.

OIL SPILL CONTINGENCY PLANS: DRILLS AND EXERCISE REQUIREMENTS The California Office of Spill Prevention and Response (OSPR) [adopted](#) amendments to [14 CCR Section 820.01](#). The amendments update and clarify requirements, objectives, and required documentation for drills and exercises. OSPR is authorized to require oil spill contingency plan holders to perform drills and/or exercises to test elements of their plans. The final rule was effective 1 APR 14.

DRINKING WATER PROGRAM TRANSITIONING FROM HEALTH DEPARTMENT TO WATER RESOURCES California [is proposing](#) to transfer the Drinking Water Program from the Department of Public Health (CDPH) to the State Water Board on 1 JUL 14. This proposal is described in a [White Paper](#). A [Transition Plan](#) was released in March 2014. For more information, visit the board's [website](#).

CRVI STANDARD FOR DRINKING WATER On 15 APR 14, CDPH [submitted](#) a regulation establishing a maximum contaminant level (MCL) for hexavalent chromium (CrVI) in drinking water to the California Office of Administrative Law (COAL) for final approval. The [rule](#) must be approved by COAL and filed with the Secretary of State before it can take effect. The state is seeking a MCL in drinking water for CrVI of 10 micrograms per liter ($\mu\text{g}/\text{l}$), also referred to as 10 ppb. CDPH published its [response to comments](#) on its August 2013 proposed rule. If the rule is approved by COAL, California would be the first state to set a drinking water standard for CrVI. For more information, visit the department's [CrVI MCL website](#).

LEGISLATIVE DEVELOPMENTS

The [2014 California legislative session](#) began 5 JAN 14 and adjourns 30 NOV 14. An * indicates the first time a bill appears in the 2014 Review. An ** indicates the bill topic 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 26 <i>Assemblywoman Susan Bonilla (D)</i> The topic of this bill originally concerned disposition of monies in the Greenhouse Gas Reduction Fund. The bill now addresses construction and prevailing wages. The bill topic no longer falls within the scope of the Review. It will not appear here again.	✓	✓		
AB 147 <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.	✓	✓		
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.	✓	✓		
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.	✓			
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.	✓			
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. Establishes the Scoping Plan Advisory Council.	✓			
AB 2083 <i>Assemblywoman Beth Gaines (R)</i> Proposes to make changes to rules relating to state mandated greenhouse gas emission reductions.	✓			
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.	✓			
**AB 2363 <i>Assemblyman Bill Quirk (D)</i> This bill previously diverted greenhouse gas (GHG) funds for forest management activities. The bill now pertains to methods for calculating costs for renewable energy.	✓			
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.	✓	✓		

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<p>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.</p>	✓			
<p>SB 1125 <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.</p>	✓			
<p>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.</p>	✓			
ENERGY				
<p>AB 1014 <i>Assemblyman Das Williams (D)</i> Proposes to create the Green Tariff and Shared Renewable Generation program.</p>	✓	✓		
<p>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.</p>	✓			
<p>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.</p>	✓			
<p>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.</p>	✓			
<p>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.</p>	✓			
<p>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.</p>	✓			
<p>AB 2390 <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.</p>	✓			

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<p>**AB 2517 <i>Assemblyman Tom Daly (D)</i> This bill previously proposed to make changes to the definition of "fuel" as used in the Use Fuel Tax Law. The bill has been amended to address tax credits for hiring in enterprise zones and local agency military base recovery areas. The bill topic no longer falls within the scope of the Review. It will not appear here again.</p>	✓			
<p>**AB 2597 <i>Assemblyman Phil Ting (D)</i> This bill previously mandated a study on using electric vehicles to store renewable energy from the grid. The bill now pertains to the Property Assessed Clean Energy (PACE) Reserve program used to assist local jurisdictions in financing renewable energy. The bill topic no longer falls within the scope of the Review. It will not appear here again.</p>	✓			
<p>AB 2649 <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.</p>	✓			
<p>SB 1078 <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.</p>	✓			
<p>SB 1139 <i>Senator Ben Hueso (D)</i> Proposes to amend rules for grants and loans to facilitate development of geothermal energy.</p>	✓			
<p>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.</p>	✓			
LAND USE				
<p>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.</p>	✓			
<p>AB 1961 <i>Assemblywoman Susan Eggman (D)</i> Proposes to require each county with significant agricultural land resources to develop a sustainable farmland strategy.</p>	✓			
<p>SB 186 <i>Senator Stephen Knight (R)</i> Proposes to make technical changes to the Planning and Zoning law that requires local agencies to prepare and adopt general land use plans. Addresses housing and related elements.</p>	✓			Died
<p>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.</p>	✓			

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NATURAL RESOURCES				
AB 407 <i>Assemblyman V. Manuel Perez (D)</i> Proposes to require a state agency awarding a grant for projects associated with the New River Improvement Project to ensure the grant is spent in accordance with grant requirements.	✓	✓		
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.	✓			
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.	✓			
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.	✓			
AB 2629 <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.	✓			
SB 167 <i>Senator Ted Gaines (R)</i> Proposes to make technical changes to the California Environmental Quality Act.	✓			Died
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.	✓			
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.	✓			
OTHER				
AB 2117 <i>Assemblyman K.H. Katcho Achadjian (R)</i> Proposes to eliminate a requirement related to noise in land use planning requirements.	✓	✓		
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.	✓			

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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.	✓			
AB 2657 <i>Assemblyman Richard Bloom (D)</i> Proposes to limit the application of specified anticoagulant pesticides in "environmentally sensitive" areas.	✓			
SB 221 <i>Senator Michael J. Rubio (D)</i> Proposes to allow local governments to collect taxes on alternative fueled vehicles.	✓			Died
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. Expands the ability of the department to continue to authorize the use certain pesticides that have migrated to groundwater.	✓			
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.	✓			
WASTE				
AB 215 <i>Assemblyman Wesley Chesbro (D)</i> Proposes to revise the definitions of various terms pertaining to requirements for rigid plastic packaging containers.	✓	✓		
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.	✓	✓	✓	Signed by Governor
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.	✓			
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.	✓			
AB 1966 <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.	✓			

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AB 2251 <i>Assemblywoman Mariko Yamada (D)</i> Proposes to specify that advertisements reflect beverage container deposit/redemption costs in accordance with the state bottle bill.	✓			
** AB 2592 <i>Assemblyman Wesley Chesbro (D)</i> This bill previously addressed requirements in the California Integrated Waste Management Act. The bill now addresses horseracing. The bill no longer falls within the scope of the Review. It will not appear here again.	✓			
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.	✓			
SB 712 <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.	✓	✓		
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.	✓	✓		
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.	✓			
WATER				
AB 155 <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.	✓	✓		
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.	✓	✓		
AB 371 <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.	✓	✓		
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

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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.	✓	✓		
AB 1445 <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.	✓			
AB 1632 <i>Assemblywoman Kristin Olsen (R)</i> Proposes to make changes to the water rights beneficial uses program.	✓			
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.	✓			
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.	✓			
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.	✓			
AB 1808 <i>Assemblyman Brian Dahle (R)</i> Proposes to make technical changes to the California State Drinking Water Act.	✓			
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.	✓			
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.	✓			
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.	✓			
AB 2269 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			
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.	✓			

<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>**AB 2417 <i>Assemblyman Adrin Nazarian (D)</i> This bill previously made changes to the California Environmental Quality Act. The bill now proposes to exempt recycled water distribution systems from California Environmental Quality Act requirements.</p>	✓			
<p>AB 2432 <i>Assemblyman Rudy Salas (D)</i> Proposes to make technical changes to state rules governing drinking water and public water systems.</p>	✓			
<p>AB 2446 <i>Assemblywoman Marie Waldron (R)</i> Proposes to make changes to rules for recycled water.</p>	✓			
<p>*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.</p>	✓			
<p>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.</p>	✓			
<p>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.</p>	✓			
<p>AB 2737 <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.</p>	✓			
<p>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.</p>	✓	✓	✓	Signed by Governor
<p>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.</p>	✓			
<p>SB 1168 <i>Senator Fran Pavley (D)</i> Proposes to require local water agencies, in coordination with other applicable agencies, to determine sustainable yield for a groundwater basin.</p>	✓			
<p>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.</p>	✓			
<p>SB 1319 <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.</p>	✓			

<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 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.	✓			



WATER

2014 WATER QUALITY MONITORING AND ASSESSMENT REPORT The Hawaii Department of Health (HDOH) Clean Water Branch [released](#) the draft report [2014 State of Hawaii Water Quality Monitoring and Assessment Report](#) for public comment. Comments are due 14 MAY 14. For more information, contact [Alex Wong](#) or visit the Clean Water Branch’s [website](#).

LEGISLATIVE DEVELOPMENTS

The [2014 Hawaii legislative session](#) began 15 JAN 14 and adjourned 1 MAY 14. An * indicates the first time a bill appears in the 2014 Review.

<i>Hawaii 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				
HB 1490 <i>Representative Isaac W. Choy (D)</i> Proposes to require certain diesel-powered electrical power generators to be equipped with diesel particulate filters that remove no less than 85% of the particulate matter.	✓			Failed upon adjournment
HB 1714 <i>Representative Joseph Souki (D)</i> Proposes to address climate change adaptation. Tasks the sustainability coordinator to identify expected climate impacts and submit a report. Tasks the Office of Planning to establish and implement strategic climate adaptation plans and policy recommendations. Establishes an interagency climate council tasked to implement state climate change policy through 2050. Appropriates funds. Companion bill is SB 2344.	✓	✓	✓	Failed upon adjournment
HB 2156 <i>Representative Mark Jun Hashem (D)</i> Proposes to provide the Department of Health with greater flexibility in creating rules to reduce greenhouse gas emissions in the state. Companion bill is SB 3007.	✓			Failed upon adjournment
SB 2344 <i>Senator Donna Mercado Kim (D)</i> Proposes to address climate change adaptation. Tasks the sustainability coordinator to identify expected climate impacts and submit a report. Tasks the Office of Planning to establish and implement strategic climate adaptation plans and policy recommendations. Establishes an interagency climate council tasked to implement state climate change policy through 2050. Appropriates funds. Companion bill is HB 1714.	✓	✓		Failed upon adjournment

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 3007 <i>Senator J. Kalani English (D)</i> Proposes to provide the Department of Health with greater flexibility in creating rules to reduce greenhouse gas emissions in the state. Companion bill is HB 2156.	✓			Failed upon adjournment
ENERGY				
HB 94 <i>Representative Faye P. Hanohano (D)</i> Proposes to establish a virtual net metering pilot program for renewable energy projects to expand access to renewable energy resources to all ratepayers. Allows the Public Utilities Commission to revise the bill credit mechanism for renewable energy credits. Companion bill is SB 379.	✓			Failed upon adjournment
HB 450 <i>Representative Chris Kalani Lee (D)</i> Proposes to appropriate funds to establish five-year hydrogen fueling station demonstration projects in qualifying counties.	✓	✓	✓	Failed upon adjournment
HB 728 <i>Representative K. Mark Takai (D)</i> Proposes to authorize group net metering among electric utility customers beginning 1 JUL 14. Directs the Public Utilities Commission to adopt rules for group net metering.	✓			Failed upon adjournment
HB 757 <i>Representative Chris Kalani Lee (D)</i> Proposes to establish renewable portfolio standards in the state. Specifies the percentage of net energy sales that must come from renewable energy, with the percentage increasing every five years, until reaching 100% by 31 DEC 50.	✓			Failed upon adjournment
HB 1199 <i>Representative Marcus R. Oshiro (D)</i> Proposes to expand net metering by requiring large-capacity eligible customer generators to be selected by competitive sealed bid. Amends the maximum allowable capacity of eligible customer generators and total rated generating capacity. Companion bill is SB 1291.	✓			Failed upon adjournment
HB 1584 <i>Representative Joseph Souki (D)</i> Proposes to establish a renewable energy facility siting process to expedite the review and action upon state and county permits necessary for the siting, development, construction, and operation of a renewable energy facility.	✓			Failed upon adjournment
HB 1939 <i>Representative Chris Kalani Lee (D)</i> Proposes to extend the clean energy initiative program goals to 2050 and the renewable portfolio standards to 100% clean energy by 2050.	✓			Failed upon adjournment
*HB 1951 <i>Representative Scott K. Saiki (D)</i> Proposes to extend requirements associated with the design and construction of a seawater air conditioning district cooling system in downtown Honolulu for an additional five years. Companion bill is SB 2702.	✓	✓	✓	To Governor
HB 1997 <i>Representative Angus L. K. McKelvey (D)</i> Proposes to establish a state department of energy. Transfers energy development and management functions of Department of Business, Economic Development and Tourism to the new department.	✓			Failed upon adjournment

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 15 <i>Senator Mike Gabbard (R)</i> Proposes to establish the biofuels production income tax credit. Repeals the ethanol facility tax credit. Establishes a task force to examine biofuel and biodiesel requirements.	✓	✓	✓	Failed upon adjournment
SB 379 <i>Senator Russell Ruderman (D)</i> Proposes to establish a virtual net metering pilot program for renewable energy projects to expand access to renewable energy resources to all ratepayers. Allows the Public Utilities Commission to revise the bill credit mechanism for renewable energy credits. Companion bill is HB 94.	✓			Failed upon adjournment
SB 1291 <i>Senator Mike Gabbard (R)</i> Proposes to expand net metering by requiring large-capacity eligible customer generators to be selected by competitive sealed bid. Amends the maximum allowable capacity of eligible customer generators and total rated generating capacity. Companion bill is HB 1199.	✓			Failed upon adjournment
*SB 2656 <i>Senator Mike Gabbard (R)</i> Proposes to require the Public Utilities Commission to initiate a proceeding to address issues associated with the modernization of Hawaii's electricity grids. Requires the Division of Consumer Advocacy to represent the interests of consumers at the proceeding. Appropriates funds.	✓	✓		Failed upon adjournment
*SB 2663 <i>Senator Malama Solomon (D)</i> Proposes to establish a framework to regulate geothermal resources development through a permitting process administered by the Board of Land and Natural Resources and the appropriate county authority.	✓	✓	✓	Failed upon adjournment
*SB 2664 <i>Senator Malama Solomon (D)</i> Proposes to require that penalties, fees, and costs established and collected by the Department of Land and Natural Resources be deposited in the special land and development fund. Includes geothermal resources within the definition of a renewable energy producer. Clarifies the permitting procedures for regulators and renewable energy developers considering geothermal development.	✓	✓		Failed upon adjournment
*SB 2702 <i>Senator Brickwood M Galuteria (D)</i> Proposes to extend requirements associated with the design and construction of a seawater air conditioning district cooling system in downtown Honolulu for an additional five years. Companion bill is HB 1951.	✓	✓		Failed upon adjournment
*SB 2775 <i>Senator Donovan Dela Cruz (D)</i> Proposes to prohibit solar energy facilities on agricultural lands from interfering with farm operations and causing more than a minimum adverse impact on the land.	✓	✓	✓	Signed by Governor
*SB 2934 <i>Senator Mike Gabbard (D)</i> Proposes to require the Public Utilities Commission to establish community-based renewable energy tariffs that allow customers to own portions of a renewable energy facility. Promotes community-based renewable energy projects.	✓	✓	✓	Failed upon adjournment

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
HB 509 <i>Representative Jo Jordan (D)</i> Proposes to establish the Makua Valley Reserve Commission to oversee preservation and restoration activities in Makua Valley on Oahu.	✓	✓		Failed upon adjournment
HB 709 <i>Representative Faye P. Hanohano (D)</i> Proposes to establish a task force to help the Department of Land and Natural Resources regulate activities in coastal and nearshore waters.	✓			Failed upon adjournment
* HB 2563 <i>Representative Karen Leinani Awana (R)</i> Proposes to require the Department of Transportation to conduct a feasibility study on the construction of an alternative access road into and out of the Leeward Coast of Oahu.	✓	✓		Failed upon adjournment
* HB 2565 <i>Representative Karen Leinani Awana (R)</i> Proposes to establish the Coastal Memorials Task Force to review, evaluate, develop standards, and make recommendations regarding the practice of erecting coastal memorials.	✓	✓		Failed upon adjournment
* HCR 65 <i>Representative James Kunane Tokioka (D)</i> Proposes to request the Department of Land and Natural Resources establish a task force to assist with the development of rules to ensure greater protection of the state's ocean resources.	✓	✓		Failed upon adjournment
* HCR 105 <i>Representative Chris Kalani Lee (D)</i> Proposes to request a task force be convened to investigate, evaluate, and make recommendations regarding the issue of managed shoreline retreat and coastal land acquisition in Hawaii. Companion resolution is HR 78.	✓			Failed upon adjournment
* HCR 241 <i>Representative Diana Carroll (D)</i> Proposes to urge the Public Utilities Commission to end consideration of the construction of industrial wind facilities on the island of Lana`i. Companion resolution is HR 190.	✓	✓		Failed upon adjournment
* HR 78 <i>Representative Chris Kalani Lee (D)</i> Proposes to request a task force be convened to investigate, evaluate, and make recommendations regarding the issue of managed shoreline retreat and coastal land acquisition in Hawaii. Companion resolution is HCR 105.	✓			Failed upon adjournment
* HR 190 <i>Representative Diana Carroll (D)</i> Proposes to urge the Public Utilities Commission to end consideration of the construction of industrial wind facilities on the island of Lana`i. Companion resolution is HCR 241.	✓			Failed upon adjournment
* SB 1169 <i>Senator Donna Mercado Kim (D)</i> Proposes to clarify offenses relating to the Kaho`olawe Island Reserve for which property is subject to forfeiture.	✓	✓		Failed upon adjournment
* SB 2777 <i>Senator Donovan Dela Cruz (D)</i> Proposes to clarify that section relating to zoning requirements applies to lands not within the forest reserve boundaries. Clarifies that land uses relating to agricultural lands must be permitted without further limitations or restrictions, rather than as determined by the Land Use Commission.	✓	✓		Failed upon adjournment

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
*SB 3025 <i>Senator Malama Solomon (D)</i> Proposes to authorize the Department of Land Use and Natural Resources to designate public lands as a development or redevelopment district and to establish and implement guidelines for the development or redevelopment of the district.	✓			Failed upon adjournment
NATURAL RESOURCES				
*HCR 65 <i>Representative James Kunane Tokioka (D)</i> Proposes to request the Department of Land and Natural Resources establish a task force to assist with the development of rules to ensure greater protection of the state's ocean resources. Companion resolution is HR 78.	✓	✓		Failed upon adjournment
*HR 78 <i>Representative Chris Kalani Lee (D)</i> Proposes to request the Department of Land and Natural Resources establish a task force to assist with the development of rules to ensure greater protection of the state's ocean resources. Companion resolution is HCR 65.	✓			Failed upon adjournment
OTHER				
WASTE				
WATER				
HB 1969 <i>Representative Mark M Nakashima (D)</i> Proposes to assess a \$1 royalty for every 1,000 gallons pumped from state aquifers. Dedicates revenues to offset water system project costs.	✓			Failed upon adjournment
HB 2204 <i>Representative Chris Kalani Lee (D)</i> Proposes to create a working committee in the Department of Health to prepare a work plan to support stormwater management systems and infrastructure. Appropriates funds.	✓			Failed upon adjournment
SB 803 <i>Senator Suzanne N.J. Chun Oakland (D)</i> Proposes to establish a four-year pilot program for irrigation water conservation best management practices.	✓	✓	✓	Failed upon adjournment

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 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.



NATURAL RESOURCES

SAGE-GROUSE HABITAT COMPETITIVE GRANT FUND The Nevada Department of Conservation and Natural Resources is [proposing](#) to establish the Sage-Grouse Habitat Competitive Grant Fund. To be considered for a grant, applications must have been reviewed by the [Sagebrush Ecosystem Technical Team](#), be ready to be implemented, and directly benefit the sage-grouse population (as determined by the Sage-Grouse Ecosystem Technical Team). This is the third revision to the [proposed rulemaking](#). This action would amend Chapter 548.120, Section 7 Nevada Administrative Code (NAC). For more information, contact Joe Locurto at (775) 684-8600.

LEGISLATIVE DEVELOPMENTS

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

Department of Defense Activity

2014 SECRETARY OF DEFENSE ENVIRONMENTAL AWARDS DoD [announced](#) the winners of the 2014 Secretary of Defense Environmental Awards. The winners are:

- Natural Resources Conservation, Small Installation: [Marine Corps Base Hawaii](#) – demonstrated the innovative use of limited funding to protect the environment while accomplishing their mission.
- Natural Resources Conservation, Individual/Team: [Eglin Air Force Base, Florida, Natural Resources Team](#) – offered long-range solutions that ensured regulatory compliance while maximizing the use of land and water ranges to maintain mission readiness.
- Environmental Quality, Non-Industrial Installation: [Fort Hood, Texas](#) – led the way in environmental quality innovation and proactive community interaction, partnerships, and training.
- Environmental Quality, Individual/Team: [Environmental Quality Team, Minnesota National Guard](#) – employed cross-functional expertise in resource protection and conservation, with special attention to informational training and stakeholder involvement.
- Sustainability, Industrial Installation: [Naval Weapons Station Seal Beach, California](#) – exceeded goals in energy reduction, water conservation, recycling, eliminating hazardous waste, and implementing low impact development projects demonstrating innovative approaches to sustainability in the face of economic challenges.
- Environmental Restoration, Individual/Team: [Naval Air Station Cecil Field, Florida BRAC Cleanup Team](#) – achieved environmental excellence through its quick, innovative, and timely responses to environmental restoration efforts.
- Cultural Resources Management, Installation: [Fort Wainwright, Alaska](#) – successfully ensured that its lands remain available and in good condition not only to support its mission but also to preserve the cultural history that is inherent to Fort Wainwright's heritage.
- Environmental Excellence in Weapon System Acquisition, Large Program Individual/Team: [Air Force Life Cycle Management Center F-35 Environmental, Safety and Occupational Health Support Team, Wright-Patterson Air Force Base, Ohio](#) – increased efficiencies in aircraft development, project prioritization, resource access, and other critical mission areas that contribute to their environmental and overall excellence in weapon system acquisition.

ENERGY

DFARS: PHOTOVOLTAIC DEVICES DoD adopted as final an interim rule amending the Defense Federal Acquisition Regulation Supplement (DFARS) to clarify rules of origin for photovoltaic devices used under DoD contracts ([79 FR 22041](#)). The [interim rule](#), published 20 DEC 13, was adopted without change, effective 21 APR 14. For more information, contact Amy Williams at (571) 372-6106.

DoDI FOR ENERGY POLICY Department of Defense Instruction (DoDI) [4180.01, DoD Energy Policy](#), was reissued 16 Apr 14. The DoDI establishes policy and guidance and assigns responsibilities for energy planning, use, and management for the DoD. The DoDI states it is policy to:

- Improve the energy performance of weapon systems, platforms, equipment and products and their modifications;
- Diversify and expand energy supplies and sources (including renewable energy sources and alternative fuels);
- Ensure energy analyses are included in DoD requirements, acquisition, and planning, programing, budeting, and execution (PPBE) processes;
- Assess and manage energy-related risks to operations, training and testing, to include assets, supporting infrastructure, equipment, supplies, platforms, and personnel;
- Develop and acquire technologies that meet DoD energy needs and manage risks, utilize appropriate resources and energy expertise in other governmental organizations and the private sector; and
- Educate and train personnel in valuing energy as a mission essential resource.

NAVY MOVES RENEWABLE ENERGY TARGET In April 2014, the Navy [moved](#) its goal for generating 1 gigawatt of renewable energy to power its installations to 2016. The Navy also established an interim goal to generate 500 megawatts of renewable energy by 2015. This action is intended to reinvigorate the [Navy's 1 Gigawatt Task Force](#) established in 2012 to carry out renewable energy projects across the service. In April 2012, all three services announced they each would strive to produce one gigawatt of renewable energy at their installations. At the time, the Army and Navy set 2020 as their deadline, while the Air Force set its deadline as 2016.

FORT CARSON MAKES TOP TEN FEDERAL GREEN POWER USERS The Environmental Protection Agency (EPA) [published](#) its top ten federal users of green power among federal government organizations. With 39 percent of its total power use attributed to green sources, Fort Carson earned the fourth place federal government spot, using almost 81.7 million kilowatt hours (kWh).

FORT HUACHUCA TO DEVELOP LARGEST SOLAR ARRAY ON A MILITARY INSTALLATION The Army [started development](#) of a solar array that will provide about 25 percent of the annual installation electricity requirement of Fort Huachuca. A ground breaking was held 25 APR with commercial operations commencing in late 2014. The Fort Huachuca Renewable Energy Project is a joint effort between the U.S. Army Energy Initiatives Task Force, Fort Huachuca, General Services Administration, Tucson Electric Power and developer E.ON Climate and Renewables. Under the terms of the deal, the Army will not bear the costs of building or operating the solar array, but will purchase the energy it generates at a fixed price.

GOVERNOR URGES PRESIDENT TO PROTECT WHITE SANDS FROM TRANSMISSION LINE New Mexico Governor Susana Martinez (R) [is urging](#) President Obama to intervene in a decision by the Interior Department's (DOI) Bureau of Land Management over the planned route of a transmission line that calls for it to cut through the northern extension of White Sands Missile Range (WSMR), New Mexico. "I urgently request your support in directing the DOI to develop a plan for the SunZia project which avoids negatively impacting the mission performance of WSMR," she said in a 22 APR 14 letter. Martinez said she backs national efforts to develop alternative energy. "However, the development of renewable energy projects should not negatively impact military missions at any of our installations," she wrote. In a separate letter to Secretary of the Interior Sally Jewell and Defense Secretary Chuck Hagel, Martinez requested

officials find an alternate route or require the developer to bury sections of the line. A decision over whether to approve the project now is in Washington, DC, where DoD, DOI, and the White House Council on Environmental Quality (CEQ) hope to find common ground.

SUSTAINABILITY

SUSTAINABLE PRODUCTS CENTER ON DENIX DoD launched an online [sustainable products center](#) that will provide information on sustainable products including demonstration results, success stories, technical data, lessons learned, and data on the new sustainable alternatives. The website, hosted on the Defense Environmental Network and Information eXchange (DENIX), will also serve as a forum where DoD personnel may submit questions regarding sustainable procurement and share success stories.

Federal Activity

AIR

METHANE EMISSIONS In support of the Obama Administration's [Strategy to Reduce Methane Emissions](#), EPA released a [series of technical white papers](#) for peer review and public input. The white papers will help EPA solidify its understanding of certain sources of methane and volatile organic compound (VOC) emissions in the oil and natural gas industry. The white papers cover compressors, emissions from completions and ongoing production of hydraulically fractured oil wells, leaks, liquids unloading, and pneumatic devices. EPA will use the white papers and the feedback it receives to determine how to build on the success of voluntary programs and existing regulations to cost-effectively cut methane and VOC emissions. EPA will determine how to best pursue reductions this fall. Comments are due 16 JUN 14.

MOTOR VEHICLE TIER III EMISSION STANDARDS EPA issued new standards for vehicle emissions and gasoline sulfur content ([79 FR 23413](#)). The agency, which considers the vehicle and its fuel as an integrated system, refers to this program as Tier 3 vehicle and fuel standards. This action will reduce the sulfur content of gasoline beginning in 2017. The gasoline sulfur standard will make emission control systems more effective for new and existing vehicles and will enable more stringent vehicle emission standards, reducing tailpipe and evaporative emissions. This will result in emissions reductions for nitrogen oxides (NO_x), VOC, fine particulate matter (PM_{2.5}), carbon monoxide, and air toxics. The final rule is effective 27 JUN 14. For more information, contact [JoNell Iffland](#) at (734) 214-4454.

CALIFORNIA SIP: EL DORADO NEGATIVE DECLARATIONS EPA approved revisions to the El Dorado County Air Quality Management District portion of the California State Implementation Plan (SIP) ([79 FR 21849](#)). EPA approved district negative declarations for VOC source categories. Ozone nonattainment areas classified as moderate and above are required to adopt VOC regulations for the published control technique guidelines (CTG) categories and for major non-CTG sources of VOC or NO_x. If an ozone nonattainment area does not have stationary sources covered by an EPA-published CTG, then the area is required to submit a negative declaration. The rule is effective 19 MAY 14. For more information, contact [Stanley Tong](#) at (415) 947-4122.

CNMI SIP: PSD EPA disapproved revisions to the Commonwealth of the Northern Marianas Islands (CNMI) SIP that address the prevention of significant deterioration (PSD) program ([79 FR 22032](#)). EPA also incorporated by reference federal PSD regulations into the CNMI SIP. This action establishes the federal PSD regulations as a basic element of the applicable CNMI plan and establishes 13 JAN 97 as the major source baseline date (and trigger date) under the PSD program in CNMI for sulfur dioxide (SO₂), coarse particulate matter (PM₁₀) and nitrogen dioxide (NO₂). The final rule is effective 21 MAY 14. For more information, contact [La Weeda Ward](#) at (213) 244-1812.

CLIMATE CHANGE

ANNUAL U.S. GHG INVENTORY EPA released its 19th annual report of overall U.S. greenhouse gas (GHG) emissions, showing a 3.4 percent decrease in 2012 from 2011. The [Inventory of U.S. Greenhouse Gas Emissions and Sinks](#) presents a national-level overview of annual GHG emissions since 1990. Major contributors to the decrease in emissions from 2011-2012 were the decrease in energy consumption across all sectors in the U.S. economy and the decrease in carbon intensity for electricity generation due to fuel switching from coal to natural gas. Other factors included a decrease in transportation sector emissions attributed to an increase in fuel efficiency across different transportation modes and limited new demand for passenger transportation. In addition to tracking U.S. GHG emissions, the inventory also calculates carbon dioxide (CO₂) emissions removed from the atmosphere through the uptake of carbon in forests, vegetation, soils, and other natural processes (carbon sinks). For more information, visit EPA's [National Greenhouse Gas Emissions Data](#) website.

EMISSION FACTORS FOR GHG INVENTORIES EPA released an update to its [GHG Emission Factors Hub](#). The GHG Emission Factors Hub is a [document](#) designed to provide a regularly updated and easy-to-use set of default emission factors for GHG reporting. It includes updated emission factors collated from both EPA's GHG Reporting Program and Climate Leaders technical guidance. The most recent version of the Emission Factors Hub (April 2014) includes updates to emission factors for stationary and mobile combustion sources, new electricity emission factors from EPA's Emissions & Generation Resource Integrated Database (eGRID), and Global Warming Potentials (GWPs) from the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report.

ENERGY

SMART GRID INTEROPERABILITY The National Institute of Standards and Technology (NIST) is requesting comment on a draft NIST Framework and Roadmap for Smart Grid Interoperability Standards, Release 3.0 ([79 FR 21210](#)). The document builds on two previously released Frameworks and Roadmaps, and incorporates advances in smart grid infrastructure, such as widespread deployment of wireless-communication power meters, the availability of customer energy usage data through the [Green Button](#) initiative, and remote sensing for determining real-time transmission and distribution status. Release 3.0 also includes protocols for electric vehicle charging. Comments are due 30 MAY 14. For more information, contact [Chris Greer](#) at (301) 975-5987.

HAWAII CLEAN ENERGY DRAFT PEIS The Department of Energy (DOE) announced the availability of the Hawaii Clean Energy Draft Programmatic Environmental Impact Statement (Draft PEIS) for public comment ([79 FR 21909](#)). The department will hold eight public hearings to receive comments. The Draft PEIS evaluates the potential environmental impacts associated with 31 energy efficiency activities and renewable energy technologies that could assist the State of Hawaii in meeting the goals established under the Hawaii Clean Energy Initiative (HCEI). The Draft PEIS was prepared with the following cooperating agencies: State of Hawaii (Department of Business, Economic Development, and Tourism); EPA Region 9; Bureau of Ocean Energy Management; National Park Service; Natural Resources Conservation Service; U.S. Marine Corps; U.S. Navy; and Federal Aviation Administration. Comments are due 17 JUL 14. For details about the date and times of public hearings, refer to the Federal Register. For more information, contact [Dr. Jane Summerson](#) or visit the [Hawaii Clean Energy PEIS website](#).

NATURAL RESOURCES

CEQ SUED OVER DELAYED NEPA GHG GUIDE The International Center for Technology Assessment (ICTA) and the Center for Food Safety filed a [lawsuit](#) against the CEQ in the U.S. District Court for the District of Columbia. The lawsuit is intended to force CEQ to finalize and release guidance on how federal agencies should consider GHG emissions and climate change impacts as part of reviews conducted under the National Environmental Policy Act (NEPA). ICTA is one of several groups that petitioned CEQ in 2008 to include consideration of GHG impacts in NEPA reviews. ICTA's 2008 petition to CEQ asked for a determination that NEPA requires federal agencies to consider both the emissions results of their actions, as well as how physical changes due to climate change may affect those actions.

It also sought guidance for how agencies should conduct long-term impacts analysis for GHGs and a finding of what amount of additional pollution is significant enough to warrant changes to a proposed project. Despite developing draft guidance in 2010, CEQ never finalized the guidance.

GAO REPORT ON AGENCY NEPA ANALYSIS The Government Accountability Office (GAO) reviewed issues related to federal agency costs, time frames, and litigation associated with completing analyses required under NEPA and issued a report ([GAO 14-369](#)). GAO found that little information exists on the costs and benefits of completing NEPA analyses, in part because it is difficult to differentiate activities performed for a NEPA analysis with those performed for other environmental reviews and because agencies do not routinely track the cost of completing NEPA analyses (there is no government wide mechanism to do so). GAO was able to obtain some information on the frequency of litigation over NEPA reviews, finding that the number of NEPA reviews subject to litigation is decreasing (94 in 2011 vs. 129 per year filed between 2001 and 2008). GAO requested information from DoD, DOE, DOI, the Department of Transportation, and the Forest Service for analysis because they generally complete the most NEPA analyses. The report does not contain any recommendations. For more information, contact [Anne-Marie Fennell](#) at (202) 512-3841.

THREATENED AND ENDANGERED SPECIES

REPORT ON VOLUNTARY SAGE-GROUSE CONSERVATIONS EFFORTS In response to a [request](#) by the [Western Governors' Association](#) (WGA), the Department of Agriculture's Natural Resource Conservation Service (NRCS) [reported](#) that \$350 million has been invested in conservation across 3.8 million acres in [11 states](#) since 2010 to address threats facing sage-grouse. Nearly \$250 million of that total has come from NRCS via the Sage-Grouse Initiative (SGI), while more than \$107 million has come from partners and landowners. That strategic investment through SGI has allowed NRCS to partner with 953 ranches to implement conservation on 3.8 million acres across the 11-state range of the sage-grouse. An additional \$15 million has been invested via NRCS and partners through the SGI Watershed Action Team. The NRCS report notes, however, that the Fish and Wildlife Service (FWS) recent proposal to list the bi-state distinct population segment (DPS) of the greater sage-grouse as threatened has dampened participation by landowners in the region straddling Nevada and California.

GREATER SAGE-GROUSE: BI-STATE DPS FWS reopened the public comment period on its 28 OCT 13 proposed [listing](#) of the bi-state DPS of the [greater sage-grouse](#) (*Centrocercus urophasianus*) as threatened with a special rule and [designation](#) of critical habitat ([79 FR 19314](#)). The service also announced a six-month extension of the final determination of whether to list the bi-state DPS as a threatened species. The bi-state greater sage-grouse DPS is found in California and Nevada. Public hearings [are scheduled](#) for 28 and 29 MAY 14 in Nevada and California, respectively. Comments are due 9 JUN 14. For more information, contact Edward Koch at (775) 861-6300.

YELLOW-BILLED CUCKOO FWS reopened the public comment period for its [3 OCT 13](#) proposal to list the [yellow-billed cuckoo](#) (*Coccyzus americanus*) in the western portion of the U.S., Canada, and Mexico as a threatened DPS ([79 FR 19860](#)). The public comment period was extended to 25 APR 14. The western yellow-billed cuckoo DPS is known or believed to occur in Arizona, California, Colorado, Montana, New Mexico, Oregon, Texas, Utah, Washington, and Wyoming. For more information, contact Jennifer Norris at (916) 414-6600.

NEW MEXICO MEADOW JUMPING MOUSE FWS reopened the public comment period on its [20 JUN 13](#) proposal to designate critical habitat for the [New Mexico meadow jumping mouse](#) (*Zapus hudsonius luteus*) ([79 FR 19307](#)). The service also announced the availability of a draft economic analysis and draft environmental assessment of the proposed designation. The New Mexico meadow jumping mouse is endemic to New Mexico, Arizona, and a small area of southern Colorado. Comments were due 8 MAY 14. For more information, contact Wally "J" Murphy at (505) 346-2525.

FINAL DELISTING: ISLAND NIGHT LIZARD FWS removed the [island night lizard](#) (*Xantusia riversiana*) from the federal list of threatened and endangered species ([79 FR 18190](#)). The species is endemic to three federally owned Channel Islands (San Clemente, San Nicolas, and Santa Barbara) located off the southern California coast and a small islet

(Sutil Island) located southwest of Santa Barbara Island. The final rule is effective 1 MAY 14. For more information, contact Scott Sobiech at (760)431-9440.

YELLOW-LEGGED FROG AND YOSEMITE TOAD FWS issued a final rule adding the [Sierra Nevada yellow-legged frog](#) (*Rana sierrae*) and the northern DPS of the [mountain yellow-legged frog](#) (*Rana muscosa*) to the list of endangered species and the [Yosemite toad](#) (*Anaxyrus canorus*) to the list of threatened species ([79 FR 24255](#)). The frogs are found in California and Nevada, while the toad is endemic to California. The final rule is effective 30 JUN 14. For more information, contact Jennifer Norris at (916) 414-6712.

NMFS RULE CLARIFICATIONS AND UPDATES The National Marine Fisheries Service (NMFS) updated and clarified the descriptions of species under NMFS' jurisdiction that are currently listed as threatened or endangered ([79 FR 20802](#)). The revisions make format changes to lists of threatened and endangered species, revise regulatory language explaining the lists, update the descriptions of certain listed Pacific salmonid species (add or remove hatchery stocks consistent with recently completed 5-year reviews), and correct regulatory text (fix inadvertent errors from previous rulemakings, update cross-references, and align language). This action does not add or remove any species to or from threatened or endangered species lists, change the status of any listed species, or add/revise designated critical habitat. The final rule was effective 14 APR 14. For general information, contact Maggie Miller at (301) 427-8403. For information on the 5-year status reviews of Pacific salmonids, contact Steve Stone at (503) 231-2317.

HAWAIIAN MONK SEAL PEIS NMFS released the [Final Programmatic Environmental Impact Statement \(PEIS\) for Hawaiian Monk Seal Recovery Actions](#) for public comment ([79 FR 20172](#)). The purpose of the Final PEIS is to evaluate, in compliance with NEPA, the potential direct, indirect, and cumulative impacts on the human environment from implementing the alternative approaches for funding, undertaking, and permitting research and enhancement activities on [Hawaiian monk seals](#) (*Monachus schauinslandi*). The Hawaiian monk seal is found only in the U.S., within the Hawaiian Archipelago and at Johnston Atoll. Comments are due 12 MAY 14. For more information, contact [Amy Sloan](#) at (301) 427-8401.

TOXICS

IRIS ASSESSMENTS: ARSENIC AND CrVI EPA [released preliminary materials](#) associated with integrated risk information system (IRIS) assessments for inorganic arsenic (iAs) and CrVI for public comment and discussion during its June 2014 public science meeting. The agency intends to produce an assessment of CrVI that considers risks from both inhalation and ingestion, and accounts for a modeling effort to understand how CrVI reduces to a less toxic form of the metal inside the body. For more information, visit the EPA's [IRIS website](#).

PATIENT DECONTAMINATION IN A MASS CHEMICAL EXPOSURE INCIDENT The Department of Homeland Security released the draft document [Patient Decontamination in a Mass Chemical Exposure Incident: National Planning Guidance for Communities](#) for public comment ([79 FR 18570](#)). The guidance document is developed for senior leaders, planners, incident commanders, emergency management personnel, and trainers of local response organizations and health care facilities. It contains strategic-level, evidence-based best practices for use when planning and conducting patient decontamination in a mass chemical casualty event. The subject matter is focused on external decontamination of living people exposed to toxic industrial chemicals, toxic industrial materials, or chemical warfare agents resulting from an intentional or accidental release. Comments are due 19 MAY 14. For more information, contact [Mark Kirk](#).

WASTE

PROPOSED EXPANSION OF NON-WASTE FUEL LIST EPA is proposing to expand the list of materials it designates as "non-hazardous secondary materials" (NHSM), a designation that allows their combustion in lightly regulated boilers rather than more strictly regulated incinerators ([79 FR 21005](#)). The agency is proposing to add certain construction and demolition (C&D) wood, paper recycling residuals, and preservative-treated wood to the list of materials defined as "non-wastes" under the NHSM rule, which would allow them to be subject to EPA's boiler maximum achievable control technology (MACT) air toxics rule instead of the emissions rule for commercial, industrial and solid waste

incinerators. These newly designated NHSM would be subject to a suite of best management practices and sorting technologies. Comments are due 13 JUN 14. For more information, contact [George Faison](#) at (703) 305-7652 or visit [EPA's website](#).

WATER

PROPOSED DEFINITION OF WATERS OF THE U.S. UNDER THE CLEAN WATER ACT EPA and the U.S. Army Corps of Engineers (USACE) are proposing to define the scope of waters protected under the Clean Water Act (CWA) ([79 FR 22187](#)). The agencies propose to define "Waters of the United States" to mean:

- Traditional navigable waters;
- Interstate waters (including interstate wetlands);
- Territorial seas;
- Impoundments of traditional navigable waters, interstate waters (including interstate wetlands), the territorial seas, and tributaries of such waters;
- Tributaries (as defined) of traditional navigable waters, interstate waters, or the territorial seas, and adjacent waters (including adjacent wetlands).

The agencies are also proposing to define the terms adjacent, neighboring, significant nexus, floodplain, tributary, and riparian area. The proposed rule provides a listing of items that are not "waters of the United States." Comments are due 21 JUL 14. In a related action, the Congressional Research Service (CRS) developed a [report](#) for Congress about the proposed rule. CRS acknowledges in the report that EPA and USACE believe the proposal "would not enlarge jurisdiction beyond what is consistent with the Supreme Court's narrow reading of jurisdiction," but cautions, "Others may disagree." For more information about the proposed rule, contact [Donna Downing](#) at (202) 566-2428.

EXEMPTION FROM SECTION 404 PERMITTING FOR CERTAIN AGRICULTURAL CONSERVATION PRACTICES EPA and USACE released for public comment an interpretive rule that addresses the exemption from permitting for discharges of dredged or fill material associated with certain agricultural conservation practices ([79 FR 22275](#)). Those practices are based on existing [conservation practice standards](#) designed and implemented to protect and enhance water quality. Section 404(f)(1)(A) of the CWA exempts certain discharges associated with farming, silviculture, and ranching activities from permitting requirements for discharges to waters of the U.S. Although the interpretive rule is currently in effect, the agencies welcome public input. In addition, EPA, USACE, and the Department of Agriculture signed a [Memorandum of Understanding](#) (MOU) in March 2014 describing how the three agencies will work together to implement the interpretive rule, protect and enhance water quality, and ensure consistency and predictability for the public. Comments are due 5 JUN 14. For more information, contact [Damaris Christensen](#) at (202) 564-2442 or visit [EPA's website](#).

EPA WATER BODY CONNECTIVITY REPORT EPA's Office of Research and Development (ORD) is developing a [draft report](#) synthesizing peer-reviewed scientific literature pertaining to biological, chemical, and hydrologic connectivity of waters and the effects that small streams, wetlands, and open waters have on larger downstream waters such as rivers, lakes, estuaries, and oceans. ORD asked the EPA Science Advisory Board (SAB) to conduct a peer review of the agency's draft report. SAB held two teleconferences (28 APR and 2 MAY 14) to discuss the draft advisory report ([79 FR 18293](#)). Findings from the draft report will help inform the EPA and USACE in their continuing policy work and efforts to clarify what waters are covered by the CWA. For more information, visit the SAB's [connectivity website](#).

WESTERN DROUGHT PERSISTS The [Quarterly Climate Impacts and Outlook](#), produced by [WGA](#) and the National Oceanic and Atmospheric Administration (NOAA), predicts continued drought throughout much of the West. According to the Outlook, "Drought is expected to persist across the Southwest and into Oregon. Other NOAA models...indicate that temperatures across most of the West will likely be above normal through spring and into June. Precipitation is likely to be below average for the Pacific coastal region, particularly in northern California." The Outlook is a two-page

synopsis of recent drought and extreme weather conditions, as well as forecasts for the coming months. For more information, visit the [WGA website](#).

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 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.

24-15 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.

***13 MAY 2014, 11:30-12:30 PDT** [Tools for Successfully Deploying and Measuring Behavior Change for the Littering Public](#). This webinar, part of the [P2Rx Behavior Change Webinar Series](#), will help pollution prevention technical assistance providers initiate, implement, and measure behavioral change resulting from their programs and initiatives. Previous webinars are available for viewing anytime.

21 MAY 14. PLACING UESC TASK ORDERS WITH THE GSA. This free [webinar](#) provides a step-by-step approach to placing a utility energy service contract (UESC) task order under a U.S. General Services Administration (GSA) Areawide Contract. The training focuses on developing skills related to the acquisition plan, preliminary audit and findings, feasibility study and project proposal, contract for construction, construction and installation, performance assurance and acceptance, post-construction and commissioning.

5 JUN 14. ENERGY EFFICIENCY EXPERT EVALUATIONS. This free [webinar](#), part of the FEMP First Thursday Seminar series, describes a systematic approach to conduct an energy expert evaluation – a customized process to meet site-specific energy goals. This approach combines the most effective features of an energy audit and retro-commissioning, while avoiding the limitations of each.

***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](#).

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
ADWM	Arizona Department of Weights and Measures
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
CAIR	Clean Air Interstate Rule
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CBAR	California Bureau of Automotive Repair
CDC	California Department of Conservation
CDFG	California Department of Fish and Game
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
CH₄	methane
CNOR	candidate notice of review
CO₂	carbon dioxide
CO₂e	carbon dioxide equivalent
COAL	California Office of Administrative Law
COE	Army Corps of Engineers
COEHHA	California Office of Environmental Health Hazard Assessment
CPUC	California Public Utilities Commission
CrVI	hexavalent chromium
CSWRCB	California State Water Resources Control Board
CVC	California Vehicle Code
CWA	Clean Water Act
CX	categorical exclusion
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
EIO	Energy Initiatives Office
EIS	environmental impact statement
EPA	Environmental Protection Agency
EO	Executive Order
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
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
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
N₂O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF₃	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
NO₂	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
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM_{2.5}	particulate matter 2.5 microns in diameter or less
PM₁₀	particulate matter 10 microns in diameter or less
POPs	persistent organic pollutants
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RCRA	Resource Conservation and Recovery Act
RICE	Reciprocating Internal Combustion Engine
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SI	spark-ignition
SIP	state implementation plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO₂	sulfur dioxide
SOx	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TiO₂	titanium dioxide
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m³	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