



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

November 2013

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



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WESTERN GOVERNORS' CRUCIAL HABITAT ASSESSMENT TOOL (CHAT)

In 2007, the Western Governors' Association (WGA) approved [policy resolution 07-01](#), "Protecting Wildlife Migration Corridors and Crucial Wildlife Habitat in the West." The policy described the importance of wildlife corridors and crucial habitat and asked the Western states, in partnership with important stakeholders, to identify key corridors and habitat in the West and to make recommendations on policy options for preserving those landscapes.

To implement the resolution, WGA launched the [Wildlife Corridors Initiative](#), a multi-state collaborative process to make findings and recommendations on various aspects of wildlife corridors and crucial wildlife habitat.

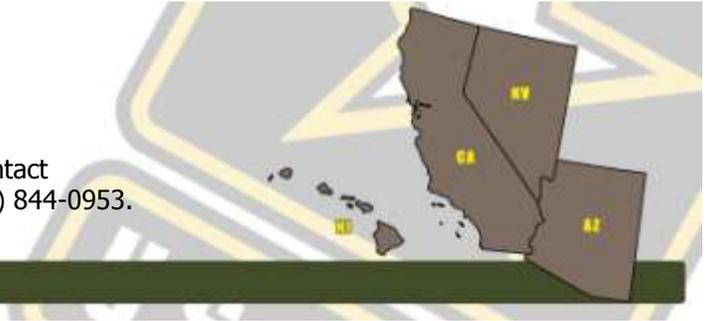
The result of that initiative was the development of the Western Governors' [Crucial Habitat Assessment Tool \(CHAT\)](#) to provide the public and industry a high-level overview of crucial habitat across the West. To be released in December 2013, CHAT aims to bring greater certainty and predictability to planning efforts by establishing a common starting point for discussing the intersection of development and wildlife. CHAT will be an easily accessible online system of maps displaying crucial wildlife habitat and corridors across the West. While not intended for project-level approval, CHAT is designed to reduce conflicts and surprises, while ensuring wildlife values are better incorporated into land use decision-making and large-scale conservation projects.

In conjunction with the western regional CHAT project, states have developed their own assessment tools that display crucial wildlife and corridor information. These are [HabiMap™ Arizona](#) in Arizona, [ACE II](#) in California, [CAPS](#) in Montana, [PHS on the Web](#) in Washington, and [WISDOM](#) in Wyoming. In addition, the [Southern Great Plains CHAT](#) is a species-specific, multi-state CHAT for the lesser prairie-chicken.

For more information, [watch a webinar](#) or visit the [Western Governors' Association](#) website.

Region 9

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



PESTICIDE APPLICATION ON GOLF COURSES The Arizona Department of Agriculture adopted an [emergency rulemaking](#) regulating the application of pesticides on golf courses. This action is in response to other state laws (Law 2013, Chapter 64 and Law 2013, Chapter 125) that moved authority for regulation of not-for-hire pest control applications on golf courses from the Office of Pest Management to the Department of Agriculture. The final emergency rule establishes Department of Agriculture licensing, training, and other requirements for persons who apply pesticides on golf courses. The [final rule](#) was effective 11 OCT 13. For more information, contact [Jack Peterson](#) at (602) 542-3575.

LEGISLATIVE DEVELOPMENTS

The [2014 Arizona legislative session](#) is scheduled to begin 4 FEB 14 and estimated to adjourn 19 MAY 14.



AIR

ALTERNATIVE DIESEL FUELS The California Air Resources Board (CARB) [is proposing](#) a new regulation governing the commercialization of motor vehicle alternative diesel fuels (ADFs). The ADF regulation is intended to provide a pathway for emerging diesel fuel substitutes to enter the commercial market in California, to manage and minimize environmental and public health impacts, and to preserve the emissions benefits derived from the CARB motor vehicle diesel regulations. Comments are due 11 DEC 13. A public hearing is scheduled for the next day. For more information, contact Jim Aguila at (916) 322-8283 or visit the [rulemaking website](#).

AREA DESIGNATIONS CARB [is proposing](#) amendments to regulations designating areas of California as attainment, nonattainment, nonattainment-transitional, or unclassified for pollutants with state ambient air quality standards. Comments are due 11 DEC 13. For more information, contact Webster Tasat at (916) 323-4950 or visit the [rulemaking website](#).

EASTERN KERN: RULES AND REGULATIONS WORKSHOP The Eastern Kern Air Pollution Control District held a public workshop to present, discuss, and receive comments on proposed revisions to local rules. Affected rules include:

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

The workshop was held 6 NOV 13. Comments are due 6 DEC 13. For more information, contact [Jeremiah Cravens](#).

SACRAMENTO: OZONE CARB [announced](#) a public meeting to consider updates to the 2009 Sacramento Metropolitan Ozone Attainment Area portion of the California State Implementation Plan (SIP) for the 1997 8-Hour Ozone Standard. If approved, CARB will submit the 2013 update to the U.S. Environmental Protection Agency (EPA) as a revision to the California SIP. The meeting is scheduled for 21 NOV 13. For more information, contact Sylvia Oey at (916) 322-8279.

SAN JOAQUIN VALLEY: BOILERS, STEAM GENERATORS, AND INTERNAL COMBUSTION ENGINES The San Joaquin Valley Air Pollution Control District is proposing amendments to [Rule 4308](#) (Boilers, Steam Generators, and Process Heaters), and [Rule 4702](#) (Internal Combustion Engines). Amendments to Rule 4308 would lower the oxides of nitrogen (NOx) emission limit for certain instantaneous water heaters and clarify existing rule requirements. Amendments to Rule 4702 would clarify rule applicability and the existing NOx emission limit for lean-burn waste gas fired engines used in nonagricultural operations. Comments are due 14 NOV 13. A [public hearing](#) is scheduled for the same day. For more information, contact [Chelsea Gonzales](#) at (559) 230-6100.

SAN JOAQUIN VALLEY: GASOLINE TRANSFER The San Joaquin Valley Air Pollution Control District [is proposing](#) amendments to Rule 4621 (Gasoline Transfer into Stationary Storage Containers) and Rule 4622 (Gasoline Transfer into Motor Vehicle Storage Tanks). The amendments would:

- Add an exemption from Phase II vapor control system requirements for fueling with E85 (ethanol vehicle fuel 85% denatured ethanol, 15% gasoline);
- Ensure the rules can accommodate CARB's adopted cost reduction measure; and
- Include general housekeeping measures to remove redundant/outdated language and clarify existing rules.

A workshop was held 10 OCT 13. For more information, contact [Sajjad Ahmad](#) at (559) 230-6000 or visit the San Joaquin Valley website for [workshops and hearings](#).

SOUTH COAST: NOX FROM BOILERS, GENERATORS, AND HEATERS The South Coast Air Quality Management District is proposing amendments to Rules [1146](#) and [1146.1](#) that regulate NOx emissions from industrial, institutional, and commercial boilers, steam generators, and process heaters. The [primary purpose](#) of the amendment is to provide resolution of a SIP approvability issue pertaining to rule enforceability and incorporate other rule clarifications. A [public hearing](#) was held 1 NOV 13. For more information, contact [Gary Quinn](#) at (909) 396-3121.

CLIMATE CHANGE

MANDATORY REPORTING OF GHG EMISSIONS CARB [is proposing](#) amendments to its existing regulation for mandatory reporting of greenhouse gas (GHG) emissions. The amendments clarify existing calculation methods and reporting requirements and support benchmarking and allocation of allowances for the GHG Cap-and-Trade program. The revised text was released for a 15-day comment period. Comments are due 15 NOV 13. For more information, contact David Edwards at (916) 323-4887 or visit the [rulemaking website](#).

TOXICS

PHGs: CHLOROBENZENE, ENDOTHALL, HEXACHLOROCYCLOPENTADIENE, SILVEX, AND TRICHLOROFLUOROMETHANE The California Office of Environmental Health Hazard Assessment (COEHHA) [is seeking public comment](#) on a draft technical support document for proposed updates to the public health goals (PHGs) for several compounds in drinking water. The compounds are:

- Chlorobenzene - a solvent and intermediary in the manufacture of pesticides and other industrial materials;
- Endothall and Silvex - pesticides;
- Hexachlorocyclopentadiene - a precursor to several pesticides; and
- Trichlorofluoromethane - also known as freon-11 and R-II – a chlorofluorocarbon widely used as a refrigerant and used as a rinsing/cleaning agent for low-pressure systems.

The updates consider recent toxicological literature and incorporate updated water consumption rates, and as appropriate, benchmark modeling and dermal and inhalation routes of exposure. Comments are due 16 DEC 13. A

public workshop is scheduled for the same day. For more information, contact [Herrnelinda Jimenez](#) at (510) 622-3170 or visit COEHHA's [website](#).

WASTE

DISAPPROVED: PROPOSED WASTE SOLAR MODULE MANAGEMENT RULEMAKING The California Office of Administrative Law (COAL) disapproved a proposal by the California Department of Toxic Substances Control (CDTSC) to allow certain waste solar modules be managed under reduced regulatory requirements. The proposed amendments would regulate photovoltaic (PV) modules as hazardous waste, define PV modules, create exemptions to hazardous waste management requirements for these PV modules, and provide requirements for these exemptions. COAL issued its [Decision of Disapproval of Regulatory Action \(OAL file 2013-0819-03S\)](#) on 18 OCT 13. The disapproval was issued because the regulations failed to comply with consistency and clarity standards. CDTSC must now resolve all identified deficiencies. For more information, contact Ron Ohta at (916) 324-5192 or visit the [rulemaking website](#).

WATER

WATER QUALITY CONTROL PLAN: DRINKING WATER POLICY The California State Water Resources Control Board is [inviting public comment](#) on its proposed approval of the Central Valley Regional Water Quality Control Board's (Central Valley Water Board's) amendment to the Water Quality Control Plan for the Sacramento and San Joaquin River Basins. The amendment (referred to as the Basin Plan Amendment) would establish a drinking water policy for surface waters of the Sacramento-San Joaquin Delta and its upstream tributaries. The Basin Plan amendment was adopted by the Central Valley Water Board 26 JUL 13. Comments were due 8 NOV 13. For more information, contact [Jay Simi](#) at (916) 464-4833 or visit the [Drinking Water Policy website](#).

WATER PERMIT FEES The California State Water Resources Control Board [passed an emergency rulemaking](#) adjusting certain fee structures for water rights permit holders and dischargers. The final rule was effective 31 Oct 13. It expires 30 APR 14. For more information, contact David Ceccarelli at (916) 341-5999.

CALIFORNIA WATER ACTION PLAN The California Natural Resources Agency, California Environmental Protection Agency (CalEPA), and California Department of Agriculture [released a draft action plan](#) to guide state efforts to ensure a continued supply of water. The plan identifies ten key actions to address urgent needs and provide a foundation for sustainable management of the state's water resources. [Comments](#) can be submitted to wateraction@water.ca.gov.

INSTREAM FLOWS IN NORTHERN CALIFORNIA COASTAL STREAMS The California State Water Resources Control Board held an adoption hearing on its proposed policy for maintaining instream flows in Northern California coastal streams. The purpose of the policy is to preserve instream flows needed to protect fishery resources while minimizing water supply impacts of the proposed policy on other beneficial uses (e.g., agricultural, municipal, domestic, and industrial uses). For more information, contact the [water board](#) at (916) 327-2414 and leave a message, or visit the [Instream Flows Policy website](#).

SHORELINE PROTECTION TABLES The California Department of Fish and Wildlife, Office of Spill Prevention and Response (OSPR) [is proposing](#) to update the version of the Shoreline Protection Table listed in Title 14 California Code of Regulation (CCR) Chapter 1. The Shoreline Protection Tables (SP Tables) were adopted in 2006 as a new approach to determine required shoreline protection response resources and to level the playing field for the plan holders and the Oil Spill Response Organizations (OSROs) with which they contract. The SP Tables show the sites to be protected, the hour by which they should be protected, and the response resources required to provide this protection. These tables provide a standard for the statutorily mandated best achievable protection of coastal resources. Comments were due 12 NOV 13. For more information, contact Joy Lavin-Jones at (916) 327-0910 or visit the [OSPR website](#).

STATE WATER PROJECT ENCROACHMENT PERMIT PROGRAM The California Department of Water Resources [is proposing](#) new regulations establishing rules and procedures for obtaining an Encroachment Permit and removal of unauthorized

encroachments along the State Water Resources Development System, otherwise known as the State Water Project. A public hearing is scheduled for 9 DEC 13. Comments are due the same day.

LEGISLATIVE DEVELOPMENTS

The 2013 California legislative session began 3 JAN 13 and adjourned 13 SEP 13. Bills that passed the first house carry over to the 2014 legislative session. An * indicates the first time a bill appears in the Review. A** 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> Proposes to prohibit the Controller from using moneys deposited in the Greenhouse Gas Reduction Fund for cash flow loans to the General Fund.	✓	✓		Carry over to 2014 session
AB 245 <i>Assemblyman Shannon Grove (R)</i> Proposes to repeal an exemption for the Western Climate Initiative, Inc. from requirements to hold open meetings (Bagley-Keene Open Meeting Act). Subjects the Western Climate Initiative, Inc. and its appointees to the Bagley-Keene Open Meeting Act when performing their duties.	✓			Failed crossover deadline
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 in the Quantification Settlement Agreement (QSA).	✓	✓		Carry over to 2014 session
AB 278 <i>Assemblyman Mike Gatto (D)</i> Proposes to change how the 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.	✓	✓		Carry over to 2014 session
AB 691 <i>Assemblyman Al Muratsuchi (D)</i> Proposes to specify that assessing the effects of sea level rise on certain public trust lands be a management priority. Requires certain trustees of public tidelands and submerged lands prepare and submit to the legislature an assessment of how they propose to address sea level rise.	✓	✓	✓	Signed by Governor
SB 605 <i>Senator Ricardo Lara (D)</i> Proposes to require the CARB, when updating the GHG scoping plan, to include specified criteria. Requires all GHG emissions reductions be achieved within the state in areas that are most impacted by GHG and other pollutants.	✓	✓		Carry over to 2014 session
SB 726 <i>Senator Ricardo Lara (D)</i> Proposes to require the Western Climate Initiative to cease all work on behalf of the state.	✓	✓	✓	Signed by Governor
SB 793 <i>Senator Ricardo Lara (D)</i> Proposes to require an oceangoing vessel equipped to receive shore power to conduct the testing and inspection of such equipment each time the equipment is used.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>SB 798 <i>Senator Kevin De Leon (D)</i> Proposes to enact the California Green Infrastructure Bank Act. Establishes the California Green Infrastructure Bank as a public corporation responsible for administering the act.</p>	✓			Failed crossover deadline
ENERGY				
<p>AB 148 <i>Assemblyman Manuel Perez (D)</i> Proposes to establish a Salton Sea Renewable Energy and Biofuel Research and Development Program in the Salton Sea basin to provide grants to facilitate research and the commercial development of renewable energy and biofuel resources. Requires the Natural Resources Agency to issue rules for application, review, and issuance of grants.</p>	✓			Failed crossover deadline
<p>AB 177 <i>Assemblyman Manuel Perez (D)</i> Proposes to require all retail sellers of electricity to procure new demand-side and clean energy generation to achieve greenhouse gas emissions reduction, resource adequacy, and renewable goals simultaneously in the most cost-effective manner practicable. Promotes renewable energy development in the Salton Sea area.</p>	✓			Failed crossover deadline
<p>AB 190 <i>Assemblyman Joan Buchanan (D)</i> Proposes to make nonsubstantive changes to the meaning of kilowatt hour in the California Solar Initiative.</p>	✓			Failed crossover deadline
<p>AB 225 <i>Assemblyman Brian Nestande (R)</i> Proposes to address the speed of electric vehicles on roadways and operator licensing. Requires that the driver of a medium-speed electric vehicle possess a class A, class B, or class C driver's license.</p>	✓	✓		Carry over to 2014 session
<p>AB 248 <i>Assemblyman Jeff Gorell (R)</i> Proposes to require the Public Utilities Commission to submit a report on how it can achieve objectives related to once-through cooling power plants in Ventura County while preserving and enhancing electric system reliability in the counties of Santa Barbara and Ventura.</p>	✓			Failed crossover deadline
<p>AB 284 <i>Assemblyman Bill Quirk (D)</i> Proposes to require the State Energy Resources Conservation and Development Commission to convene a "Road to 2050 Board." Specifies staffing and duties of the board. Requires the board to undertake studies and complete reports related to the goal of reducing greenhouse gas emissions by 80% of 1990 levels by 2050.</p>	✓			Failed crossover deadline
<p>AB 293 <i>Assemblyman Travis Allen (R)</i> Proposes to make changes to existing requirements for the Public Utilities Commission to study and report on the impacts of distributed energy generation on the state's distribution and transmission grid.</p>	✓			Failed crossover deadline
<p>*AB 327 <i>Assemblyman Henry Perea (D)</i> Proposes to remove the suspension on solar net metering that would have gone into effect at the end of 2014. Clarifies how the current net metering cap is calculated and provides a framework for removing the net metering cap altogether. Removes the 33% ceiling on the state's Renewable Portfolio Standard.</p>	✓	✓	✓	Signed by Governor

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1014 <i>Assemblyman Das Williams (D)</i> Proposes to create the Green Tariff and Shared Renewable Generation program.	✓	✓		Carry over to 2014 session
AB 1350 <i>Assemblyman Roger Hernandez (D)</i> Proposes to require the Public Utilities Commission to adopt and implement a schedule that implements a second phase-in period for expanding direct transactions.	✓			Failed crossover deadline
AB 1409 <i>Committee On Utilities And Commerce</i> Proposes to move certain requirements for local publicly owned electric utilities from an area of the public utilities code pertaining to electrical restructuring to the area of the code pertaining to the implementation of the California Solar Initiative.	✓	✓	✓	Vetoed
SB 43 <i>Senator Lois Wolk (D)</i> Proposes to allow energy utility customers, including the military, who cannot generate their own renewable energy on site, to obtain renewable energy from off-site community renewable energy facilities.	✓	✓	✓	Signed by Governor
SB 715 <i>Senator Ricardo Lara (D)</i> Proposes to exclude a facility that burns municipal solid waste from consideration as a renewable energy resource unless it is located in the County of Los Angeles and was operational prior to 26 SEP 96.	✓			Failed crossover deadline
LAND USE				
SB 186 <i>Senator Stephen Knight (R)</i> Proposes to amend requirements related to the planning and zoning law that requires local government agencies to prepare and adopt a general plan that analyzes existing and projected housing needs.	✓			Failed crossover deadline
SB 758 <i>Senator Martin Block (D)</i> Proposes to address Airport Land Use Compatibility Plan in the City of Coronado, where Naval Base Coronado is located.	✓	✓	✓	Signed by Governor
NATURAL RESOURCES				
AB 37 <i>Assemblyman Henry T. Perea (D)</i> Proposes to amend the California Environmental Quality Act (CEQA) to require project applicants to prepare certain documentation.	✓	✓		Carry over to 2014 session
AB 875 <i>Assemblyman Wesley Chesbro (D)</i> Proposes to address restoration grant programs relating to salmon and anadromous trout species.	✓			Failed crossover deadline
** AB 1060 <i>Assemblyman Steve Fox (D)</i> This bill originally proposed to exempt certain military projects from CEQA filing fees. The bill was amended to appropriate funds for the support of the Energy Resources Conservation and Development Commission. The bill no longer falls within the scope of the Review.	✓	✓	✓	Signed by Governor
AB 1134 <i>Assemblyman Ben Hueso (D)</i> Proposes to make changes to migratory bird hunting rules.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1302 <i>Assemblyman Curt Hagman (R)</i> Proposes to enact the Sustainable Environmental Protection Act. Limits the scope of CEQA-based judicial challenges to projects.	✓			Failed crossover deadline
SB 167 <i>Senator Ted Gaines (R)</i> Proposes to amend CEQA requirements.	✓			Failed crossover deadline
OTHER				
AB 12 <i>Assemblyman Ken Cooley (D)</i> Proposes to require the Department of Finance and the proponent office to annually review the standardized regulatory impact analyses for adherence to the adopted regulations. Potentially affects agency regulatory impact analysis conducted for each major regulatory action.	✓	✓	✓	Vetoed
AB 163 <i>Assemblyman Toni Atkins (D)</i> Proposes to extend an exemption, for an additional ten years certain sales and use tax for operation of a thrift store on a military installation that assists members of the Armed Forces of the United States.	✓	✓	✓	Signed by Governor
AB 526 <i>Assemblyman Melissa Melendez (R)</i> Proposes to extend deferrals for active members of the Military Reserve and Active Guard for payments on mortgages, credit cards, retail installment accounts and contracts, real property taxes and assessments, and vehicle leases. Addresses reinstatement of health care coverage.	✓	✓	✓	Signed by Governor
AB 1327 <i>Assemblyman Jeff Gorell (R)</i> Proposes to prohibit public agencies from using or contracting for the use of unmanned aircraft systems with certain exceptions.	✓			Failed crossover deadline
SB 720 <i>Senator Lou Correa (D)</i> Proposes to provide mortgage relief to current service members.	✓	✓	✓	Signed by Governor
WASTE				
AB 215 <i>Assemblyman Wesley Chesbro (D)</i> Proposes to revise the definitions of the various terms pertaining to requirements for rigid plastic packaging containers.	✓	✓		Carry over to 2014 session
AB 371 <i>Assemblyman Rudy Salas (D)</i> Proposes to authorize Kern County to prohibit the land application of sewage sludge.	✓			Failed crossover deadline
AB 1398 <i>Committee On Natural Resources</i> Proposes to define commercial solid waste to include all types of solid waste generated by a store, office, or other commercial or public entity source, including a business or a multifamily dwelling of five or more units.	✓	✓	✓	Signed by Governor
SB 245 <i>Senator Lou Correa (D)</i> Proposes to establish the Used Mattress Recycling Act. Requires an industry group to establish a used mattress recycling program, similar to existing recycling programs for paint and used carpet.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>SB 254 <i>Senator Loni Hancock (D)</i> Proposes to establish the Used Mattress Recovery and Recycling Act. Requires mattress manufacturers to develop a plan that ensures that the manufacturer is responsible for the collection and recycling of used mattresses generated by consumers in the state. Specifies requirements to be included in the plan, including meeting specified recycling goals. Requires annual reporting.</p>	✓	✓	✓	Signed by Governor
WATER				
<p>AB 7 <i>Assemblyman Bob Wieckowski (D)</i> Proposes to require the California Division of Oil, Gas, and Geothermal Resources and the California State Water Resources Control Board to develop rules and regulations specific to hydraulic fracturing. Specifies requirements for production well owners.</p>	✓			Failed crossover deadline
<p>AB 240 <i>Assemblyman Anthony Rendon (D)</i> Proposes to add regulations for mutual water companies. Allows a mutual water company to file a lien against a shareholder for lack of payment. Adds requirements for mutual water company board members.</p>	✓	✓	✓	Partially approved with item veto
<p>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.</p>	✓	✓		Carry over to 2014 session
<p>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.</p>	✓	✓		Carry over to 2014 session
<p>AB 1223 <i>Assemblyman Mark Stone (D)</i> Proposes to make technical, nonsubstantive changes to the California Safe Drinking Water Act.</p>	✓			Failed crossover deadline
<p>AJR 5 <i>Assemblyman Jimmy Gomez (D)</i> This bill was amended to address restoration of the Los Angeles River. Urges USACE to adopt "Alternative 20" of the Los Angeles River Ecosystem Restoration Feasibility Study, referred to as the "ABBOR" study. Alternative 20 proposes restoration to Verdugo Wash, Arroyo Seco Confluence, and Taylor Yard Bowtie parcel and channel modifications and terracing in multiple locations along the river.</p>	✓			Failed upon adjournment
<p>SB 246 <i>Senator Jean Fuller (R)</i> Proposes to reverse the consolidation of two water agencies (Desert View Water District and the Bighorn Mountains Water Agency).</p>	✓	✓	✓	Signed by Governor
<p>SB 322 <i>Senator Ben Hueso (D)</i> Proposes to mandate the development of criteria for recycled water.</p>	✓	✓	✓	Signed by Governor
<p>SB 449 <i>Senator Cathleen Galgiani (D)</i> Proposes to prohibit certain water project grants unless the project applicant is found to be sufficiently reducing their dependence on the Delta watershed.</p>	✓			Failed crossover deadline



LEGISLATIVE DEVELOPMENTS

The [2014 Hawaii legislative session](#) is scheduled to begin 14 JAN 14 and adjourn 1 MAY 14.

The [2013 Guam legislative session](#) began 2 JAN 13 and adjourns 28 DEC 13.

COR 108-32 proposes to change number of definitions in Guam's 2010 bottle recycling law (Public Law 30-221) to give Guam EPA flexibility in adjusting program fees. The bill removes a [provision](#) from existing law that the bottle deposit fee be implemented six months after the government of Guam reaches a voluntary, written agreement with the U.S. Navy and U.S. Air Force. Introduced 6 MAY 13.

COR 61-32 proposes to adopt revisions to the Guam Building Energy Code. The code specifies building energy requirements applicable to all non-residential and residential construction. Introduced 4 MAR 13.

COR 26-32 proposes to mandate the creation of the Guam Public Notice Website. The bill would require the Department of Administration to create and maintain a publically accessible website that will allow government agencies to post required public notifications. Introduced 28 JAN 13.

COR 11-32 proposes to create the Guam Coral Reef Protection Act. The act includes notification provisions for any person who damages corals and provides for civil and other penalties. Introduced 10 JAN 13.



AIR

ADOPTION BY REFERENCE The Nevada Division of Environmental Protection (NDEP) is proposing to adopt by reference several federal air quality rules. This action would adopt by reference air quality rules published in the Federal Register since 1 JAN 12. It would adopt rulemakings under Title 40 Code of Federal Regulation (CFR) Part 52.21, Prevention of Significant Deterioration (PSD) for GHG emissions; Part 60, New Source Performance Standards (NSPS); and Part 63, National Emission Standards for Hazardous Air Pollutants (NESHAP). The Nevada State Environmental Commission (NSEC) [scheduled](#) a regulatory hearing for 4 DEC 13 to consider proposed revisions.

NEVADA SIP REVISIONS NDEP is proposing to revise the ambient air quality standards table in Nevada Administrative Code (NAC) 445B.22097 to further align it with federal standards currently in effect. The proposed regulation also revises the 2008 lead and ozone standards table. Additionally, this action adds an explanatory note regarding implementation of the federal fine particle (PM_{2.5}) standard in Nevada. NDEP is proposing this action in response to a rulemaking by EPA that identified deficiencies in the minor sources permitting portion of the Nevada SIP. In that rulemaking, EPA determined that Nevada's permitting regulations did not adequately address the 2006 PM_{2.5} or the 2008 lead NAAQS. The NDEP subsequently identified a similar deficiency with the 2008 ozone NAAQS. The NSEC [scheduled](#) a regulatory hearing for 4 DEC 13 to consider the revisions.

ENERGY

RETAIL GASOLINE PUMP LABELING The Nevada Department of Agriculture [is proposing](#) to require gasoline sold at retail locations that contains manganese or manganese-containing compounds be labeled. The department would require sellers affix a label to the pump or other gasoline-dispensing device indicating the gasoline contains or may contain manganese. For more information, contact Jim Barbee at (775) 353-3600.

NATURAL RESOURCES

AQUATIC INVASIVE SPECIES The Nevada Board of Wildlife Commissioners released [revisions](#) to its [initial amendment](#) to state rules for aquatic invasive species management. The amendments exempt federal, state, and local government vessels from fees and requirements for decals to be affixed to vessels. The revised text was released 17 OCT 13.

LEGISLATIVE DEVELOPMENTS

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

Department of Defense Activity

AMERICAN INDIAN HERITAGE MONTH As part of the Army's celebration of [Native American Heritage Month](#), the Secretary of the Army, Chief of Staff of the Army, and Sergeant Major of the Army released a [letter of appreciation](#) for the contributions of Native Americans to the Army and the Nation.

PARTNERING FOR ENHANCED MISSION EFFECTIVENESS VIDEO The U.S. Army is partnering with the private sector, other agencies, government and local communities for what Army leadership calls Enhanced Mission Effectiveness. "Our mission capabilities are enhanced and our costs reduced when we focus on our core competencies, and rely on the expertise and experience of our partners for non-core functions and services. This 'win-win' approach keeps us Army Strong," said Hon. Katherine Hammack, assistant secretary of the Army, Installations, Energy, and Environment. For more information, see related video - [Partnering for Enhanced Mission Effectiveness](#).

Federal Activity

AIR

CALIFORNIA SIP: ELDORADO COUNTY EPA is proposing to approve a revision to the El Dorado County Air Quality Management District portion of the California SIP ([78 FR 63934](#)). The revision contains the district's demonstrations regarding reasonably available control technology (RACT) requirements for the 1997 8-hour ozone NAAQS. Comments are due 25 NOV 13. For more information, contact [Stanley Tong](#) at (415) 947-4122.

HAWAII SIP: LEAD NAAQS EPA is proposing to approve amendments to the Hawaii SIP that address requirements to meet NAAQS for lead ([78 FR 63145](#)). Comments are due 22 NOV 13. For more information, contact [Dawn Richmond](#) at (415) 972-3207.

NEVADA SIP: LEAD NAAQS EPA is proposing to partially approve and partially disapprove revisions to the Nevada SIP ([78 FR 64430](#)). The revisions are related to implementation, maintenance, and enforcement of the 2008 NAAQS for lead. Comments are due 29 NOV 13. For more information, contact [Rory Mays](#) at (415) 972-3227.

CLIMATE CHANGE

U.S. ENERGY-RELATED CO₂ EMISSIONS, 2012 REPORT The Department of Energy (DOE) released a report on U.S. energy-related carbon dioxide (CO₂) emissions. The report's conclusions indicate:

- The 2012 downturn means that emissions are at their lowest level since 1994 and over 12% below the 2007 peak.
- After 1990, only the recession year of 2009 saw a larger percentage emissions decrease than 2012.
- Energy-related CO₂ emissions have declined in five out of the last seven years.

The full report is available on the [Energy Information Administration website](#).

SENSITIVITY OF STREAMFLOW, NUTRIENT, AND SEDIMENT LOADS TO POTENTIAL CLIMATE CHANGE EPA issued a final report titled, [Watershed Modeling to Assess the Sensitivity of Streamflow, Nutrient, and Sediment Loads to Potential Climate Change and Urban Development in 20 U.S. Watersheds](#). Additional information is available at the [EPA website](#). For more information, contact [Thomas Johnson](#) at (703) 347-8618.

WESTERN GOVERNORS SIGN CLIMATE CHANGE PACT The Governors of California, Oregon and Washington, along with a representative of the premier of British Columbia, signed [an agreement](#) committing the Canadian province and the three states to coordinate global-warming policies. Each signatory promised to take certain actions such as streamlining permits for solar and wind projects, better integrating the electric power grid, supporting more research on ocean acidification, and expanding government purchases of electric vehicles. While the governors of Oregon and Washington announced support for cap-and-trade policies, they must now persuade their legislatures to pass laws to put the policies into effect. In a related action, California announced in October 2013 an agreement with Quebec outlining steps and procedures to fully harmonize and [integrate](#) their cap-and-trade programs.

ZERO EMISSION CARS The Governors of eight states announced an initiative to put 3.3 million zero-emission vehicles (ZEVs) on the roads in their states over the next 12 years. Governors of California, Connecticut, Massachusetts, Maryland, New York, Oregon, Rhode Island, and Vermont signed a [memorandum of understanding](#) (MOU) to establish a common ZEV fueling infrastructure. The Governors agreed to report annually on the number of registered ZEVs, the number of electric/hydrogen fueling stations available to the public, and (as available), information about workplace ZEV fueling. As stated in the MOU, the Governors also agreed to promote interagency coordination, implement incentives for ZEV purchases, develop shared standards, promote private-public partnerships, conduct a study on hydrogen-powered vehicles and their specific infrastructure needs, and more.

CULTURAL RESOURCES

DISPOSITION OF UNCLAIMED HUMAN REMAINS ON FEDERAL LANDS The National Park Service (NPS) is proposing to establish procedures for the disposition of unclaimed human remains, funerary objects, sacred objects, or objects of cultural patrimony discovered on federal lands after 16 NOV 90 ([78 FR 64436](#)). The rule would implement section 3 (b) of the [Native American Graves Protection and Repatriation Act of 1990](#). Comments are due 30 DEC 13. For more information, contact Sherry Hutt at (202) 354-1479.

ENERGY

RENEWABLE FUEL STANDARD PROGRAM: HEATING OILS FROM BIOMASS EPA added heating oils derived from biomass to the list of fuels that count toward federal volume requirements for the [Renewable Fuel Standard \(RFS\)](#) program ([78 FR 62462](#)). The final rule expands the scope of the program by amending the definition of heating oil and adding so-called "fuel oils" from qualifying renewable substances that warm houses, office buildings, and other residential and workplace facilities. Additional information is available on the [EPA website](#). For more information, contact [Suzanne Bessette](#) at (734) 214-4703.

CHP TECHNICAL ASSISTANCE PARTNERSHIPS DOE's Advanced Manufacturing Office launched seven regional combined heat and power (CHP) [Technical Assistance Partnerships](#) to promote and assist in transforming the market for CHP, waste heat to power, and district energy with CHP technologies and concepts throughout the U.S. The new partnerships are located in California, Colorado, Illinois, New York, North Carolina, Pennsylvania, and Washington. They replace the DOE's Clean Energy Application Centers. The new partnerships will support analyses of CHP market

opportunities, offer information on the energy and non-energy benefits and applications of CHP, and provide technical assistance to end-users considering CHP at their facility. To learn more about the involvement of CHP Technical Assistance Partnerships in project development, visit the [CHP Projects](#) page.

EGALLON Find out how much it costs to fuel an electric vehicle in your state and compare the average cost of a gallon of gasoline to the [eGallon](#). The eGallon price is an estimate of how much it costs to drive an electric car the same distance as a gallon of unleaded gasoline.

2013 BUILDING ENERGY STANDARD An updated energy standard for buildings includes major changes to requirements for building envelope, lighting, mechanical and the energy cost budget. ANSI/ASHRAE/IES Standard 90.1-2013 (Energy Standard for Buildings Except Low-Rise Residential Buildings) incorporates 110 addenda. Major changes to requirements for building envelope, lighting, mechanical and the energy cost budget are included. For more information, visit the [ASHRAE website](#).

HAZARDOUS MATERIALS

ENHANCED ENFORCEMENT PROCEDURES - RESUMPTION OF TRANSPORTATION The Pipeline and Hazardous Materials Safety Administration (PHMSA) issued a final rule related to the department's enhanced inspection, investigation, and enforcement authority ([78 FR 60755](#)). PHMSA amended the package opening provision to include procedures for an agent of the Secretary of Transportation to open packages of perishable hazardous materials and to provide notification to the responsible party that an agent has exercised a safety inspection or investigation authority. This final rule was effective 1 NOV 13. For more information, contact Vincent Lopez at (202) 366-4400.

OTHER

ECHO 2.0 BETA LAUNCHED EPA updated its [Enforcement and Compliance History Online \(ECHO\) website](#). The updated ECHO website contains information about the compliance status of EPA regulated facilities. The website features new functionality for new mapping and performance and trends data. The legacy ECHO website is scheduled to be retired 27 NOV 13.

THREATENED AND ENDANGERED SPECIES

STATUS DESIGNATION: YELLOW-BILLED CUCKOO The Fish and Wildlife Service (FWS) is proposing to list the [yellow-billed cuckoo](#) in the western portion of the U.S., Canada, and Mexico as a threatened distinct population segment (DPS) ([78 FR 61621](#)). The western DPS is known or believed to occur in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Texas, Utah, Washington, and Wyoming. Comments are due 2 DEC 13. For more information, contact Jennifer Norris at (916) 414-6600.

PUBLIC COMMENT PERIOD, PUBLIC HEARINGS: GRAY WOLF FWS extended the public comment period on its recent proposal to list the [Mexican wolf](#) (*Canis lupus baileyi*) as an endangered subspecies, to delist the gray wolf (*Canis lupus*) elsewhere, and to revise the nonessential experimental population (NEP) of the Mexican wolf ([78 FR 64192](#)). Following delays caused by the federal government lapse in appropriations, FWS announced rescheduled dates for the remainder of a series of public hearings on the proposed rules. To allow these hearings to take place within the public comment period on the proposed rules, the service extended the public comment period for the proposed rules to 17 DEC 13. Public hearings are scheduled for 19, 20, and 22 NOV 13 and 3 DEC 13. Refer to the Federal Register citation for details. For more information regarding the proposal to list the Mexican wolf as an endangered subspecies or to delist the gray wolf elsewhere, contact FWS at (703) 358-2171. For more information concerning the proposal to revise the Mexican wolf NEP, contact FWS at (505) 761-4704.

STATUS DESIGNATION, SPECIAL RULE, CRITICAL HABITAT DESIGNATION: BI-STATE SAGE-GROUSE FWS is proposing to list the bi-state DPS of greater sage-grouse (*Centrocercus urophasianus*) as threatened, and to implement a special rule to provide for conservation of the DPS ([78 FR 64357](#)). The special rule allows for limited incidental take associated

with agricultural activities under certain circumstances. In addition, in a closely related action, the agency is proposing to designate critical habitat in California and Nevada ([78 FR 64327](#)). FWS is proposing to designate approximately 1.87 million acres of critical habitat in Carson City, Lyon, Douglas, Mineral, and Esmeralda counties, Nevada, and Alpine, Mono, and Inyo counties, California. The California/Nevada bi-state DPS is one of three populations of [greater sage-grouse](#) monitored by the FWS. Comments are due 27 DEC 13. For more information, refer to the Federal Register citation for location-specific contact information.

STATUS DESIGNATION: ACUÑA, FICKEISEN PLAINS CACTUS FWS designated the [Acuña cactus](#) (*Echinomastus erectocentrus* var. *acunensis*) and [Fickeisen plains cactus](#) (*Pediocactus peeblesianus* var. *fickeiseniae*) as endangered ([78 FR 60607](#)). The agency intends to publish a companion rule designating critical habitat for the species. The Acuña cactus is known from five population areas in southern Arizona in Maricopa, Pima, and Pinal counties and from Mexico near the U.S border. Land ownership is primarily National Park Service and Bureau of Land Management with additional sites on DoD (Barry M. Goldwater Gunnery Range), Arizona State, Tohono O'odham Nation, and private lands. The Fickeisen plains cactus occurs in widely scattered, small populations on the Colorado Plateau in Coconino and Mohave counties, Arizona. The final rule was effective 31 OCT 13. For more information, contact Steve Spangle (602) 242-0210.

STATUS DESIGNATION AND CRITICAL HABITAT: VANDENBURG MONKEYFLOWER FWS is proposing to list the Vandenberg monkeyflower as endangered ([78 FR 64839](#)). The plant occurs in nine locations exclusively on Burton Mesa, a distinct geographic region in Santa Barbara County, California. In a closely related action, the agency is proposing to designate approximately 5,785 acres of critical habitat in Santa Barbara County, California ([78 FR 64446](#)). Comments on both actions are due 15 DEC 13. For more information, contact Stephen Henry at (805) 644-1766.

STATUS DESIGNATION: 15 HAWAIIAN SPECIES FWS determined endangered species status for 15 species on the island of Hawaii ([78 FR 64637](#)). This action designates 13 plant and two animal species as endangered, and recognizes a taxonomic change for one Hawaiian plant currently listed as an endangered. The animal species include picture-wing fly and anchialine pool shrimp. For additional detail on the species subject to this finding, refer to the Federal Register citation. For more information, contact Loyal Mehrhoff at (808) 792-9400.

12-MONTH FINDING: ASHY STORM-PETREL FWS announced the results of a 12-month finding on a petition to list the [ashy storm-petrel](#) (*Oceanodroma homochroa*), finding that listing is not warranted ([78 FR 62523](#)). The ashy storm-petrel is a small seabird found principally in the Channel Islands of the coast of California. This finding was made 22 OCT 13. For more information, contact Mike Chotkowski at (916) 930-5603.

RECOVERY PLAN: FALSE KILLER WHALE The National Marine Fisheries Service (NMFS) announced its intent to prepare a recovery plan for the [Main Hawaiian Islands insular false killer whale](#) (*Pseudorca crassidens*) DPS ([78 FR 60850](#)). Comments were due 1 NOV 13. For more information, contact Irene Kelly at (808) 944-2239.

CRITICAL HABITAT DETERMINATION: NORTH PACIFIC OCEAN LOGGERHEAD DPS NMFS reopened the public comment period on its proposed determination that no marine areas meet the definition of critical habitat within the jurisdiction of the U.S. for the North Pacific Ocean [loggerhead sea turtle](#) DPS ([78 FR 59907](#)). In addition, this action reopens the public comment period for proposed critical habitat designation for the Northwest Atlantic Ocean loggerhead sea turtle DPS. Comments are due 29 NOV 13. For more information, contact [Susan Pultz](#) at (301) 427-8472.

WASTE

SW-846 UPDATE EPA released the "Interim Final Update V" to the Third Edition of [SW-846](#) (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods) for public comment ([78 FR 63185](#)). Update V contains 23 new and revised analytical methods that may be used for monitoring or complying with the Resource Conservation and Recovery Act (RCRA) hazardous and non-hazardous waste regulations. Because the analytical methods contained in Update V are not required by RCRA hazardous waste regulations, the agency is issuing this update as guidance.

Comments are due 21 JAN 14. For more information, contact [Kim Kirkland](#) at (703) 308-8855. The update is available on regulations.gov (docket EPA-HQ-RCRA-2012-0072).

WATER

NPDES ELECTRONIC REPORTING: PUBLIC COMMENT PERIOD EPA extended the public comment period on its [30 JUL 13](#) proposed Electronic Reporting Rule under the National Pollutant Discharge Elimination System (NPDES) program ([78 FR 64435](#)). Comments are due 12 DEC 13. For more information, contact [John Dombrowski](#) at (202) 566-0742.

NONTANK VESSEL RESPONSE PLANS AND OTHER RESPONSE PLAN REQUIREMENTS The Coast Guard issued a final rule requiring nontank vessel response plans for commercial vessels ([78 FR 60099](#)). Requirements for response plans, which previously only applied to tank vessels, now apply to nontank vessels. This final rule requires owners or operators of nontank vessels to prepare oil spill response plans and submit the plans to the Coast Guard. The rule specifies the content of a response plan and addresses, among other issues, the requirement to plan for responding to a worst-case discharge and a substantial threat of such a discharge. Additionally, the final rule updates the international Shipboard Oil Pollution Emergency Plan requirements that apply to certain nontank vessels and tank vessels. Finally, the rule requires vessel owners or operators to submit their vessel response plan control number as part of already required notice of arrival information. The final rule was effective 30 OCT 13. For more information, contact [Lieutenant Commander John Peterson](#) at (202) 372-1226.

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 born by the student.

QUALIFIED RECYCLING PROGRAM RESIDENT COURSE TO BE REPLACED WITH DISTANCE LEARNING DoD's Qualified Recycling Program (QRP) 40-Hour Resident Course (WENV 160), which has been taught and managed by the Air Force Institute of Technology (AFIT), is being reformatted as a distance learning course. This action is being taken to accommodate budget restrictions on training and travel. The reformatted, web-based course will continue to offer the same opportunities for student involvement (e.g., group activities, assignments, discussions, etc.) as the resident course. Although reformatting the Qualified Recycling Course for distance learning is not yet complete, AFIT anticipates the web-based course will be offered several times in FY14. This action is part of a broader effort to increase distance-learning options. For more information, visit the [AFIT course website](#), or contact Mr. Tom Glardon at (937) 255-5654 ext 3538 (DSN 785-4645).

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

ONLINE TRAINING

***FEMP eTRAINING COURSES** The Federal Energy Management Program (FEMP) offers interactive, online eTraining courses to help federal agencies develop core competencies and comply with energy-efficiency and renewable-energy water-management and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide (WBDG) to host these comprehensive, FEMP-developed eTraining courses. [Promotional materials](#) are available to help federal agencies encourage the completion of FEMP's eTraining courses. For more information about FEMP eTraining courses, contact [Beverly Dyer](#) at (202) 586-7753. The following courses are available:

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

CLIMATE READY WATER UTILITIES EPA's Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) address 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.

PRODUCTION TAX CREDIT EXTENSION, PROCESS, AND IMPACTS WEBINAR This webinar features Paul Holshouser of the American Wind Energy Association, and Jon Chase from Vestas, who provide an insiders' perspective of the last-minute Production Tax Credit extension, including details about how the extension differs from past extensions, current status of the rule implementation, and the potential impacts on the wind industry.

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 online training courses. 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.

*indicates new or updated information.

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
CAMR	Clean Air Mercury 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
NO_x	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
SO_x	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
WCI	Western Climate Initiative
WGA	Western Governors' Association
WRAP	Western Regional Air Partnership