



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

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The REGION 9 *WESTERN REVIEW* publishes environmental and energy related developments for DoD/Army leaders and installation staff. Covering the four states and territories in Federal Region 9, the *Western Review* gives early notice of legislative and regulatory activities relevant to DoD interests. The *Review* also helps installations meet ISO 14001 environmental management system requirements. Find out more about the Army Regional Environmental and Energy Offices [here](#). Click [here](#) to browse back issues of the *Western Review*. To read back issues of other Regional Office *Reviews*, click on a region of the REEO website's U.S. map and then select "Publications." To receive a copy of this electronic publication, send an [email request](#).



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ARMY 2014 ENERGY AND WATER MANAGEMENT AWARDS

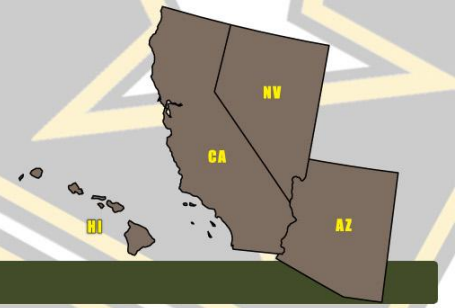
Recipients of the 2014 Secretary of the Army Energy and Water Management Awards have been [announced](#). The [annual awards program](#) – now in its 36th year – recognizes installations, small groups, and individuals from the Army, Army Reserve, and Army National Guard who make significant achievements in installation energy conservation and water management. Categories for the award include Energy Efficiency/Energy Management, Innovation and New Technology, Renewable/Alternatives, Water Conservation, and Demand Side Management/ Load Shedding. The 2014 award recipients are:

- Mr. Todd Dirmeyer – Fort Hunter Liggett, Calif. (Individual)
- Mr. Bobby Lynn, Ms. Africa Welch-Castle, Mr. Edwin Frazier, and Mr. Huey Keaton – Fort Hood, Texas (Small Group)
- Mr. Gary Pacella, Mr. James Douglas, and Ms. Gricel Robles – Picatinny Arsenal, N.J. (Small Group)
- Mr. Craig Collins, Ms. Irene Beck, Mr. George Dill, and Mr. Jose Gallegos – White Sands Missile Range, N.M. (Small Group)
- Mr. Lawrence Michael Norton, Mr. William Irby, Mr. Robert Mackey, Mr. Wesley Malone, Ms. Lisa Harris, Mr. Jason Bray, Mr. Earl Johnson, Ms. Barbara Osterkamp, Mr. Bruce Forsberg, Mr. Andy Long, and Ms. Margaret Simmons – U.S. Army Corps of Engineers (USACE), Huntsville Center, Huntsville, Ala. (Small Group)
- Presidio of Monterey, Calif. (Installation)
- Fort Stewart, Ga. (Installation) and
- Fort Carson, Colo. (Installation)

Recipients were formally recognized at a Pentagon ceremony 29 OCT 14 by the Honorable Katherine Hammack, Assistant Secretary of the Army for Installations, Energy and Environment.

Region 9

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



AIR

MARICOPA COUNTY: VEHICLE AND MOBILE EQUIPMENT COATING The Maricopa County Air Quality Department [is proposing](#) revisions to district rule 345 (Vehicle and Mobile Equipment Coating). The main objectives of the rule 345 revisions are to make the rule more concise and understandable. Rule 345 now specifies volatile organic compound (VOC) coating limits based on vehicle weight, instead of specifying VOC coating limits based on vehicle parts on which paints are being applied and on vehicle classification according to the North American Industrial Classification System (NAICS). In addition, rule 345 now allows for the use of different models of spray guns. Comments were due 3 NOV 14. For more information, contact [Kathleen Sommer](#) at (602) 506-6010.

ENERGY

RENEWABLE ENERGY CREDITS The Arizona Corporation Commission [is proposing](#) amendments to clarify and update how the commission deals with renewable energy compliance and related renewable energy credits. The amendments are intended to address the issue of utility compliance in the distributed energy market in a post-incentive era. Without action by the commission on this issue, it is unclear how utilities who are no longer offering distributed energy incentives would demonstrate compliance with the 2006 Renewable Energy Standard and Tariff (REST) rules. The rulemaking would amend R14-2-1805 and R14-2-1812. Comments were due 10 NOV 14. For more information, contact [Maureen Scott](#) at (602) 542-3402.

TOXICS

COMMUNITY RIGHT-TO-KNOW FEES The Arizona Emergency Response Commission [adopted amendments](#) to R8-4-107 raising Tier II reporting fees to support Arizona's Community Right-to-Know program. Prior to FY2015, the Community Right-to-Know program was paid for by the Federal Emergency Management Performance Grant and the State General Fund. However, effective October 2014, the grant award and scope is reduced and no longer fully supports program costs. In response, the Arizona legislature passed House Bill (HB) 2174 (2013) authorizing the commission to assess fees for businesses filing their Tier II reports. Facilities subject to Tier II reporting will be assessed a filing fee of \$75 for the first annual report filing and \$20 for each subsequent annual report up to a maximum of \$500. The user fees are not sufficient to make the program self-sufficient because the commission did not wish to impose undue hardship on small business. The final rule was effective 17 OCT 14. For more information, contact [Travis Schulte](#) at (602) 267-2732.

PESTICIDE FEES The Arizona Office of Pest Management [is proposing](#) to make permanent its fee rule, [R4-29-103](#) (Fees; Charges; Exemptions). As part of the rulemaking, the office is proposing to reduce licensing fees in the fee rule and amend other rules to clarify and address practical issues identified during the initial compliance and enforcement period. Comments were due 30 NOV 14. For more information, contact [Jack Peterson](#) at (602) 542-3575.

WATER

BIOSOLIDS The Arizona Department of Environmental Quality (ADEQ) [is proposing](#) to repeal the prohibition on incineration of biosolids. The rulemaking would amend state rules governing biosolids, [R18-9-1002](#) (Applicability and Prohibitions) and [R18-9-1015](#) (Inspection). A public hearing is scheduled for 1 DEC 14. Comments are due the same day. For more information, contact [Wendy LeStarge](#) at (602) 771-4836.

LEGISLATIVE DEVELOPMENTS

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



AIR

CLEAN AIR VEHICLE DECAL PROGRAM The California Department of Motor Vehicles [adopted amendments](#) its Clean Air Vehicle Decal program. The [amendments](#) allow auto dealers to affix clean air vehicle decals to qualifying vehicles and expand the list of qualifying vehicles to include transitional zero emission vehicles (TZEVs). The drivers of vehicles with a clean air decal are allowed to use high occupancy vehicle (HOV) lanes regardless of the number of vehicle occupants. The final rule is effective 1 JAN 15. For more information, contact [Randi Calkins](#) at (916) 657-6469.

IMPERIAL VALLEY: PM2.5 The Imperial County Air Pollution Control District announced a [public hearing](#) to consider the adoption of the [Imperial County 2013 State Implementation Plan for the 2006 24-Hour PM2.5 Moderate Nonattainment Area](#), which addresses compliance with the 2006 24-hour fine particulate matter (PM2.5) national ambient air quality standards (NAAQS). The district is currently designated as partial nonattainment for the 2006 24-hr PM2.5 NAAQS, effective 14 DEC 09. The public hearing is scheduled for 2 DEC 14. Comments are due the same day.

FEATHER RIVER: NEW SOURCE REVIEW The Feather River Air Quality Management District adopted amendments to district rule 10.1 (New Source Review). The amendments are intended to [correct deficiencies](#) in the rule that were identified by the Environmental Protection Agency (EPA). The [final rule](#) was effective 10 OCT 14. For more information, contact the district at (530) 634-7659.

FEATHER RIVER: STATIONARY INTERNAL COMBUSTION ENGINES The Feather River Air Quality Management District [adopted](#) amendments to district rule 3.22 (Stationary Internal Combustion Engines). The amendments [address deficiencies](#) identified by EPA during the state implementation plan (SIP) review process. In addition, the amendments allow EPA Method 18 as a method for source testing VOC emissions from internal combustion engines. The [final rule](#) was effective 6 OCT 14. For more information, contact the district at (530) 634-7659.

SAN JOAQUIN: PERP The San Joaquin Valley Air Pollution Control District [is proposing](#) amendments to district [rule 2020](#) (Exemptions) to align its permitting program with the California Air Resources Board's (CARB's) Portable Equipment Registration Program (PERP). The amendments would allow certain registered portable engines to be used at stationary sources during unforeseen interruptions of electrical power from the serving utility, repair and maintenance, and short-term electrical upgrade operations. A [public workshop](#) was held 21 OCT 14. For more information, contact Jim Swaney at (559) 230-6000.

SAN JOAQUIN: TRANSPORTATION CONFORMITY The California Air Resources Board (CARB) [announced](#) a public meeting to consider approval of updates to the transportation conformity budgets for the San Joaquin Valley. If adopted, CARB

will submit these updates to the EPA as revisions to the California SIP. Comments are due 17 NOV 14. A public hearing is scheduled 20 NOV 14. For more information, contact Jonathan Taylor at (916) 322-0285.

SOUTH COAST: LARGE LEAD-ACID BATTERY RECYCLING FACILITIES The South Coast Air Quality Management District [is proposing](#) amendments to district [rule 1420.1](#) (Emission Standards for Lead and Other Toxic Air Contaminants from Large Lead-Acid Battery Recycling Facilities). The district is proposing to lower the ambient lead air concentration limit averaged over any 30 consecutive days in order to reduce the accumulation of lead dust in the community. A public hearing was held 30 OCT 14. Comments were due 7 NOV 14. For more information, contact the [district](#) at (909) 396-2039.

CLIMATE CHANGE

GHG EMISSIONS AND MARKET-BASED COMPLIANCE MECHANISMS CARB [is proposing](#) amendments to the California cap on greenhouse gas (GHG) emissions and market-based compliance mechanisms regulation. The amendments would add one updated and one new offset protocol and modify provisions regarding forestry involuntary reversals. The military (including the Navy), identified by NAICS code 92811, is exempt from California cap-and-trade rules, as stated in Section 95852.2(c)(1) of the regulation. A public hearing is scheduled for 18 DEC 14. For more information, contact Rajinder Sahota at (916) 323-8503 or visit the [rulemaking website](#).

ELECTRIC UTILITY GHG EMISSION PERFORMANCE STANDARDS The California Energy Commission [adopted modifications](#) to existing regulations establishing a GHG emission performance standard for base load generation of local publicly owned electric utilities. The broad objective of these regulations is to provide more notice and transparency into publicly owned utility decision-making consistent with [Senate Bill \(SB\) 1368](#) (2006). The final rule was effective 1 OCT 14. For more information, contact Lisa DeCarlo at (916) 654-5195.

SOUTH COAST: ELECTRIC VEHICLE CHARGING STATION PROJECTS The South Coast Air Quality Management District drafted a [protocol](#) to generate credits from installation of electric vehicle charging stations at workplaces located in the district. Draft district rule 2202 (Emission Reduction Quantification Protocol for Electric Vehicle Charging Station Projects) would establish a consistent procedure for evaluating, approving, and monitoring future electric vehicle charging station projects. The draft protocol contains specific provisions for the generation and use of rule 2202 credits. Specifically, the draft protocol provisions identify required elements for a rule 2202(f)(6) application submittal including the emission reduction quantification and identification of the electric vehicle charging stations and their locations; and the use of generated credits. The provisions also include requirements for monitoring, recordkeeping, and reporting. A public consultation and scoping meeting is scheduled for 19 NOV 14. For more information, contact the [district](#) at (909) 396-2039.

ENDANGERED SPECIES

GRAY WOLF The California Fish and Game Commission [determined](#) that adding the gray wolf (*Canis lupus*) to the list of endangered species under the California Endangered Species Act (CESA) is warranted. The commission [will add](#) the [California gray wolf](#) to the list of species designated as endangered under CESA. The announcement was made 31 OCT 14. For more information, contact Sonke Mastrup at (916) 653-4899.

TRICOLORED BLACKBIRD The California Fish and Game Commission [announced](#) that it received a petition requesting it take emergency action to list the [tricolored blackbird](#) (*Agelaius tricolor*) as endangered under CESA. The tricolored blackbird was historically distributed throughout most of the Central Valley and southern California. Breeding pairs have also been found in Oregon, Washington, and Nevada. The commission forwarded the petition to the California Department of Fish and Wildlife for its review and recommendation. In addition, the commission will consider taking emergency action to list the tricolored blackbird as an endangered species at its 3 DEC 14 meeting. For more information, contact Helen Birss at (916) 653-9834.

HAZARDOUS MATERIALS

HAZMAT TRANSPORT The California Highway Patrol [adopted amendments](#) to the General Hazardous Materials Regulations (HMR) to be consistent with national transportation requirements as required by federal law. The adopted rulemaking makes substantive changes to align state and federal HMR for persons subject to federal jurisdiction under Title 49 Code of Federal Regulation (CFR) Part 171.1. Adopting the most current Title 49 CFR publication into Title 13 California Code of Regulation (CCR) Section 1160.2 and removing an exception in state regulation for cargo tanks transporting liquefied petroleum gas (LPG) will bring about this alignment. The final rule was effective 1 OCT 14. For more information, contact Joshua Clements at (916) 843-3400.

NATURAL RESOURCES

NOXIOUS WEEDS The California Department of Food and Agriculture [is proposing](#) to add 22 species of plants to the noxious weed list and provide authority for the state to enforce the restrictions against these additional species. The department is also proposing housekeeping amendments. Comments are due 17 NOV 14. For more information, contact [Lindsay Rains](#) at (916) 654-1017.

TOXICS

PHGS FOR NINE CHEMICALS The California Office of Environmental Health Hazard Assessment (COEHHA) [initiated](#) development of public health goals (PHGs) for nine chemicals. PHGs are concentrations of chemicals in drinking water that are not anticipated to produce adverse health effects. PHGs are non-regulatory in nature but are used to update the state's primary drinking water standards (i.e., maximum contaminant levels or MCLs). The chemicals are carbofuran, diquat, endrin, radium-226, radium-228, strontium-90, thiobencarb, toxaphene, and tritium. Comments are due 17 NOV 14. For more information, contact Hermelinda Jimenez at (510) 622-3173.

WASTE

COMPOSTABLE MATERIAL MANAGEMENT AT SOLID WASTE FACILITIES The California Department of Resources Recycling and Recovery (CalRecycle) [is proposing](#) to amend existing rules and adopt a new rule (Chapter 3.2) governing solid waste facilities that handle compostable waste. The proposed amendments would:

- Clarify several compostable material feed stock definitions and the types of operations and facilities that can accept these feed stocks;
- Revise the maximum concentrations of metals allowed in compost to reflect changes adopted by EPA;
- Provide enforcement agencies with discretion to authorize temporary storage of additional material at compostable materials handling operations;
- Revise enforcement agency inspection frequency requirements for solid waste operations to ensure consistency throughout Title 14;
- Provide operators and enforcement agencies with additional mechanisms to address chronic odor at compostable materials handling facilities and operations;
- Establish criteria for land application of compostable materials;
- Require compost products to meet a 0.1% physical contaminant limit by weight;
- Develop regulations for compostable materials at in-vessel digestion operations and facilities;
- Clarify terms; and
- Clarify requirements for composting at non-commercial sites (e.g., community gardens, schools).

Comments are due 5 DEC 14. A public hearing is scheduled for 10 DEC 14. For more information, contact [Ken Decio](#) at (916) 341-6313.

ELECTRONIC WASTE RECYCLING FEES CalRecycle adopted an emergency rulemaking that adjusts [recycling and recovery fees](#) paid by consumers on purchases of electronic devices containing video screens. The rulemaking maintains the current fee structure established during CalRecycle's 2012 emergency rulemaking effort. The emergency rulemaking [expires](#) 24 MAR 15.

EXPIRED CATHODE RAY TUBE RULES An emergency rulemaking expanding the options for the disposition of cathode ray tubes (CRTs) and amending management standards [expired](#) 15 OCT 14. The regulations authorized a universal waste handler who treats CRTs to recycle or dispose the generated CRT glass as fully regulated hazardous waste or to take advantage of exclusions from regulation as a hazardous waste. For more information, contact Krysia Von Burg at (916) 324-2810.

WASTE TIRE STORAGE The California Department of Resources Recycling and Recovery [adopted amendments](#) to waste tire storage requirements. The amendments:

- Incorporate the 2010 California Fire Code into waste tire storage regulations (Title 14, Article 5);
- Add, delete, and change definitions;
- Specify requirements for locating waste tire collection sites;
- Simplify waste tire facility permit applications;
- Specify manifest requirements for delivery of waste tires to a port terminal;
- Establish requirements for excluded and exempt waste tire facilities; and
- Establish recordkeeping requirements for any person handling waste or used tires.

The rulemaking amends 14 CCR Chapter 3 (Minimum Standards for Solid Waste Handling and Disposal) and Chapter 6 (Permitting of Waste Tire Facilities and Waste Tire Hauler Registration and Tire Manifests). The final rules [were effective](#) 29 OCT 14. For more information, contact [Paulino Luna](#) at (916) 341-6412.

WATER

SPILL RESPONSE The California Governor's Office of Emergency Services adopted [amendments](#) to California Accidental Release Prevention regulations. The amendments incorporate the petition process for any person to propose changes to Table 3 that may raise or lower the threshold amount or that may add or delete a chemical. In addition, the amendments incorporate a full set of toxic endpoints for Table 3 regulated substances into Appendix A. The [final rule](#) is effective 1 JAN 15. For more information, contact Jack Harrah at (916) 845-8759.

SAFE DRINKING WATER PLAN The California State Water Resources Control Board is inviting comment on the draft Safe Drinking Water Plan for California. The plan includes the board's assessment of the overall quality of the state's drinking water, the identification of specific water quality problems, an analysis of the known and potential health risks that may be associated with drinking water contamination in California, and specific recommendations to improve drinking water quality. Comments are due 3 DEC 14. A public hearing was held 3 NOV 14. For more information, contact [Nick Chudeau](#) at (916) 341-5559.

SANTA CLARA TMDL The California State Water Resources Control Board is [inviting comment](#) on the proposed approval of the Los Angeles Regional Water Quality Control Board's (Los Angeles Water Board) [amendments](#) to the Basin Plan. The amendments would revise the Upper Santa Clara River chloride total maximum daily load (TMDL) and water quality objectives in the Upper Santa Clara River (Basin Plan amendments). The Basin Plan amendments were adopted by the Los Angeles Water Board Water Board on 9 OCT 14. For more information, contact [Jenny Newman](#) at (213) 576-6691.

CALIFORNIA LEGISLATIVE WRAP UP

[California Senate Bill 812](#) was [vetoed](#) by Governor Brown on 29 Sep 14. The bill would have required an automatic denial of Hazardous Waste permits if the California Department of Toxic Substances Control (DTSC) had not acted on a renewal application within three years of the original permit's expiration. DoD expressed concerns to Senator Kevin De Leon's staff and the CalEPA Secretary.

Possible Impact: If the bill were signed, there would have been a risk of hazardous waste permits being cancelled through no fault of military installations or staff.

[California Assembly Bill 1739](#) was signed into law by Governor Brown on 16 SEP 14. The Governor also signed into law Senate Bills [1168](#) and [1319](#). These three pieces of legislation will establish a new groundwater planning and permitting process within the state. Previously, California was the only remaining western state that failed to regulate groundwater use. The link between surface water rights and the extraction of groundwater has been an ongoing point of contention. The component regional environmental coordinators were successful in securing amendments to recognize the military as a beneficial use and subsequently supported the bill. California's record setting drought was a significant driver in making this change to the state's regulations of groundwater.

Possible Impact: The legislation will reduce the risk to military installations dependant on groundwater resources. The new laws will recognize the importance of Federal Reserve water rights under state law and in water rights adjudications.

[California Assembly Bill 2229](#) failed in the Senate Energy, Utilities, and Communications Committee. DoD wrote in support of military installations that pay millions of dollars in non-bypass charges on California utility bills each year including programs for energy efficiency. AB 2229 recognized there has been no clear program in place to ensure that these programs are structured in a way that the military can participate and receive appropriate program benefits.

Possible Impact: If passed, the California Public Utilities Commission would have approved financial incentives for energy efficiency upgrades at military bases and facilities and expedite implementation of energy efficiency measures.

For more information about legislation in 2014, refer to the [October 2014](#) edition of the Review.



LEGISLATIVE DEVELOPMENTS

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

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

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

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

[BCOR 339-32](#) proposes to establish a commercial recycling program. Introduced 12 MAY 14.

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

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

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

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



RADIOACTIVE MATERIALS

RADIOACTIVE MATERIALS The Nevada Board of Health is [proposing amendments](#) to rules governing licensing of radioactive materials. The amendments to Nevada Administrative Code (NAC) 457 and 459 would:

- Require license holders to appoint a radiation safety officer and specify training and experience requirements for safety officers;
- Require updated decommissioning cost estimates for license renewals and new licenses;
- Address requirements to limit/investigate residual radioactivity; and
- Prescribe fees.

TOXICS

PESTICIDE APPLICATION AND LICENSING The Nevada Department of Agriculture [adopted amendments](#) to rules governing pest control businesses and licensing of pesticide applicators. The amendments address pesticide license applications, examinations, continuing education, insurance, reactivation, and required records and reports. In addition, the amendments revise provisions related to preconstruction treatment and increase fees to apply restricted use pesticides. The final amendments to NAC 555 were effective 24 OCT 14. For more information, contact [Dawn Rafferty](#) at (775) 353-3669.

WASTE

HAZARDOUS WASTE FACILITY FEES The Nevada State Environmental Commission (NSEC) [adopted revisions](#) to existing fees applicable to facilities that treat, store, or dispose of hazardous waste. The [amendments](#) replace hourly review fees related to renewal or modification of an existing permit with a flat fee structure, revise (increase) the structure of annual permit fees, and revise various fees applicable to the volume of waste disposed or treated by a permitted facility. In addition, the revisions clarify that annual permit fees are applicable to facilities where a remedial action plan has been permitted pursuant to 40 CFR Part 270 Subpart H. The final rule was effective 24 OCT 14.

SOLID WASTE FACILITY FEES NSEC adopted a [final rule](#) establishing fees for solid waste management facilities. The [final rule](#) establishes application fees for obtaining a permit or approval to operate certain new solid waste facilities, annual permit fees applicable to certain Class I and Class III disposal sites, and fees related to requests to modify an existing permit. The final rule was effective 24 OCT 14.

WATER

HYDRAULIC FRACTURING The Nevada Commission of Mineral Resources adopted [final amendments](#) regulating hydraulic fracturing associated with oil and/or gas wells in Nevada. The rules were developed in response to [Senate Bill 390 \(2013\)](#). The bill requires the Nevada Division of Minerals and the Nevada Division of Environmental Protection (NDEP) to develop a program that assesses the impacts of hydraulic fracturing on state waters, requires disclosure of chemicals used, and provides for public notice. The final rules were effective 24 OCT 14. For more information, contact the Nevada Division of Minerals at (775) 684-7040.

WELL STANDARDS The Nevada State Engineer [adopted final amendments](#) to state regulations for water well and related drilling (NAC 534.010 through 534.500). The amendments clarify waiver requirements and water well plugging materials (i.e., bentonite content in grout), revise licensing requirements, clarify definitions, and update language for easier understanding. The final rules were effective 24 OCT 14.

CONSTRUCTION STORMWATER PERMIT NDEP is [proposing to re-issue](#) the Statewide General Permit ([NVR100000](#)), which authorizes stormwater discharges from construction sites. The permit authorizes the discharge of stormwater associated with large construction activities (five acres or more), small construction activities (between one and five acres), and from temporary concrete, asphalt, and material plants or operations dedicated to the permitted construction site. Comments are due 19 NOV 14. For more information, contact [Michele Reid](#) at (775) 687-9434 or view this [fact sheet](#).

SAFE DRINKING WATER PROGRAM NSEC is [proposing to adopt](#) amendments to state drinking water rules. The amendments would adopt the Total Coliform Rule (TCR), which will require public water systems to identify and fix problems associated with the presence of total coliform and *E. coli* in their drinking water systems. The amendments would also adopt the Reduction of Lead in Drinking Water Act of 2011, which lowered the maximum lead in a "lead free" fitting to 0.25%. A [commission public hearing](#) is scheduled for 3 DEC 14. The revisions would amend [NAC 445A](#).

WATER QUALITY: UPPER HUMBOLT RIVER BASIN NSEC [adopted amendments](#) to water quality standards for certain class waters in the Humbolt River Basin. Revisions include the addition of numeric criteria for nitrate, nitrite, total suspended solids, turbidity, color, chloride, sulfate, and alkalinity based upon guidance published by EPA. The final rule was effective 24 OCT 14.

WATER QUALITY: SOUTH FORK HUMBOLT RIVER AND SOUTH FORK RESERVOIR NDEP is [proposing](#) to revise water quality standards for South Fork Humboldt River and South Fork Reservoir. The [proposed amendments](#) would revise phosphorus criteria; add numeric criteria for total nitrogen, Secchi depth, chlorophyll-a (algae biomass), nitrite, color, total suspended solids, turbidity, chloride, sulfate, alkalinity; and clarify the dissolved oxygen criteria. A public hearing is scheduled for 3 DEC 14.

LEGISLATIVE DEVELOPMENTS

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

Department of Defense Activity

CLIMATE CHANGE

DoD CLIMATE CHANGE ADAPTATION ROADMAP The Pentagon released a report titled [2014 Climate Change Adaptation Roadmap](#). The report asserts that climate change poses an immediate threat to national security, with increased risks to terrorism, infectious disease, global poverty, and food shortages. It predicts rising demand for military disaster response as extreme weather creates global humanitarian crises.

ENERGY

RENEWABLE ENERGY FOR NAVY IN CALIFORNIA In coordination with the Navy's Renewable Energy Program Office, the Department of Energy's (DOE's) Western Area Power Administration (WAPA) [issued a request for proposal](#) (RFP) to meet the renewable energy requirements of 14 Navy installations in California. Under the RFP, the Navy will be able to contract to purchase power, along with the associated renewable energy credits, from new renewable energy generation projects for up to 25 years, at a stated fixed price with no escalation. Projects may be up to 150 megawatt (MW) and do not need to be on Navy or DoD lands. Projects must be compliant with California Renewable Portfolio Standard Content Category One Bundled Green Energy. For more information, contact Stacy Russ.

DROP-IN BIOFUEL PRODUCTION The Navy, DOE, and U.S Department of Agriculture (USDA) [announced](#) that three companies have been awarded contracts to construct and commission biorefineries capable of producing "drop-in" biofuels to meet the transportation needs of the military and private sector. In total, the projects will produce more than 100 million gallons of military grade fuel beginning in 2016 and 2017. The drop-in alternative fuels can be blended at a 50/50 ratio with traditional fossil fuels. Contracts were awarded to:

- Emerald Biofuels: to build an 82 million gallon per year refinery on the Gulf Coast using waste fats to create military grade fuel.
- Fulcrum BioEnergy: to build a 10 million gallon per year refinery in McCarran, Nevada, using municipal solid waste as its feedstock and the Fischer-Tropsch process to create fuel.
- Red Rock Biofuels: to build a 12 million gallon per year refinery in Lakeview, Oregon, using woody biomass or the by-products of forest management as its feedstock and the Fischer-Tropsch process to create a refined product.

SUSTAINABILITY

ARMY SUSTAINABILITY REPORT The Assistant Secretary of the Army for Installations, Energy and Environment [released](#) the Army's [Sustainability Report 2014](#), highlighting the Army's progress in Fiscal Years 2012-2013. The report describes progress in land management, operational energy, community partnerships, and programs that support holistic health and well-being. It includes sections on installations, operations, and commitment to soldiers, families, and communities. Each section addresses topics of note, reports progress against relevant sustainability metrics, and highlights successes. This report aligns with the Army's reporting for the [DoD Strategic Sustainability Performance Plan](#), per Executive Order (EO) [13514](#) (Federal Leadership in Environmental, Energy, and Economic Performance).

Federal Activity

AIR

HCFC IMPORT AND EXPORT, RECLAMATION EPA is adjusting the allowance system for the consumption and production of hydrochlorofluorocarbons (HCFCs) ([79 FR 64253](#)). The agency released a final rule that sets annual production and consumption allowances for HCFC-22, HCFC-142b, HCFC-123, and HCFC-124 for the years 2015-2019. The rule also makes minor changes to the reclamation regulations, updates the use restrictions to account for a recent amendment to the Clean Air Act (CAA), and finalizes a de minimis exemption to the use restrictions for certain uses of HCFC-225ca/cb and HCFC-124. EPA is finalizing its proposal to require disaggregated information for all reclaimed refrigerants as part of the annual reporting. The revision will appear at [40 CFR 82.166\(h\)](#). The final rule is effective 12 JAN 15. For more information, contact [Elizabeth Whiteley](#) at (202) 343-9310.

CALIFORNIA SIP: VOCs IN CONSUMER PRODUCTS EPA is proposing to approve revisions to the California SIP that concern VOC emissions from consumer products ([79 FR 62346](#)). The revisions amend the [California Consumer Products Regulation](#) by establishing a 3% VOC limit for multi-purpose solvents and paint thinners, establishing new or lower VOC limits for 11 consumer product categories, and raising the VOC content in windshield wiper fluids sold in mountainous areas that routinely experience freezing temperatures in the winter. The California Health and Safety Code (Section 41712(b)) requires CARB to adopt regulations to achieve the maximum feasible reduction in VOC emitted by consumer products. The rule will be approved effective 16 DEC 14 unless EPA receives adverse comment by 17 NOV 14. For more information, contact [Stanley Tong](#) at (415) 947-4122.

CALIFORNIA SIP: INFRASTRUCTURE EPA is proposing to partially approve and partially disapprove several revisions to the California SIP regarding the requirements for the implementation, maintenance, and enforcement of NAAQS for ozone, fine particulate matter (PM_{2.5}), lead, nitrogen dioxide (NO₂), and sulfur dioxide (SO₂) ([79 FR 63350](#)). Collectively, these SIP revisions are referred to as infrastructure SIPs. In addition, EPA is proposing to reclassify certain regions of the state for emergency episode planning purposes with respect to ozone, NO₂, SO₂, and particulate matter (PM). Comments are due 24 NOV 14. For more information, contact [Rory Mays](#) at (415) 972-3227.

CALIFORNIA SIP: INTERSTATE TRANSPORT EPA determined that California did not submit required SIP revisions to ensure the state is meeting interstate transport requirements for PM_{2.5} ([79 FR 63536](#)). Specifically, these requirements pertain to significant contribution to nonattainment or interference with maintenance of the 2006 24-hour PM_{2.5} NAAQS in any other state. EPA will promulgate a Federal Implementation Plan (FIP) within two years unless the state submits the required SIP revisions. The final rule is effective 24 NOV 14. For more information, contact [Rory Mays](#) at (415) 972-3227.

CALIFORNIA SIP: IMPERIAL COUNTY EPA is proposing to approve revisions to the Imperial County Air Pollution Control District portion of the California SIP ([79 FR 60123](#)). The revisions address oxides of nitrogen (NO_x) emissions from internal combustion engines and wallboard kilns. The agency is proposing to approve local rules that regulate these sources. Comments were due 5 NOV 14. For more information, contact [Idalia Perez](#) at (415) 972-3248.

CALIFORNIA SIP: IMPERIAL COUNTY OZONE PRECURSORS EPA is proposing to approve revisions to the Imperial County portion of the California SIP that address ozone precursor emissions inventories of VOCs and NO_x ([79 FR 63332](#)). EPA is approving the 2002 VOC and NO_x emissions inventories elements of the 2009 Ozone Air Quality Management Plan addressing moderate nonattainment area requirements for Imperial County under the 1997 8-hour ozone NAAQS. Comments are due 22 DEC 14. For more information, contact [Jerry Wamsley](#) at (415) 947-4111.

CALIFORNIA SIP: IMPERIAL COUNTY AND SAN JOAQUIN VALLEY EPA is proposing to approve revisions to the Imperial County and the San Joaquin Valley Air Pollution Control District portions of the California SIP ([79 FR 59471](#)). Among other changes, the revisions clarify federal New Source Review (NSR) requirements, align the districts' exempt VOC list with EPA's list, and improve formatting consistency. Comments were due 3 NOV 14. For more information, contact [Arnold Lazarus](#) at (415) 972-3024.

CALIFORNIA SIP: MONTEREY BAY EPA is proposing action on seven permitting rules submitted as a revision to the Monterey Bay Unified Air Pollution Control District portion of the California SIP ([79 FR 61794](#)). EPA is proposing to disapprove [rule 200](#) (Permits Required). It is proposing a limited approval and limited disapproval of [rule 207](#) (Review of New or Modified Sources) and approval to repeal [rule 208](#) (Standards for Granting Permits to Operate). Lastly, the agency is proposing to approve the four remaining rules: [rule 203](#) (Application), [rule 204](#) (Cancellation of Applications), [rule 206](#) (Standards for Granting Applications), and [rule 212](#) (Public Availability of Emission Data). Comments were due 14 NOV 14. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

CALIFORNIA SIP: PLACER COUNTY EPA is proposing to approve a revision to the Placer County Air Pollution Control District portion of the California SIP ([79 FR 60405](#)). The agency is proposing to approve local rules that regulate NOx emissions from natural gas-fired water heaters, small boilers, and process heaters. Comments were due 6 NOV 14. For more information, contact [Nicole Law](#) at (415) 947-4126.

CALIFORNIA SIP: SACRAMENTO EPA is proposing to approve revisions to the California SIP that provide for attainment of the 1997 eight-hour ozone NAAQS ([79 FR 61799](#)). EPA is proposing to approve the emissions inventories, air quality modeling, reasonably available control measures, provisions for transportation control strategies and measures, rate of progress and reasonable further progress (RFP) demonstrations, attainment demonstration, transportation conformity motor vehicle emissions budgets, and contingency measures for failure to make or attain RFP. EPA is also proposing to approve commitments for measures by the [Sacramento Metropolitan nonattainment area air districts](#) (i.e., Sacramento, Yolo-Solano, Placer County, and Feather River). Comments are due 14 NOV 14. For more information, contact [John Ungvarsky](#) at (415) 972-3963.

CALIFORNIA SIP: VENTURA COUNTY EPA is proposing to approve revisions to the Ventura County Air Pollution Control District portion of the California SIP ([79 FR 64353](#)). The revisions contain the district's demonstration regarding Reasonably Available Control Technology (RACT) requirements for the 2008 8-hour ozone NAAQS. Because the district is designated and classified as a serious ozone nonattainment area for the 2008 8-hour ozone NAAQS, it must implement RACT for any source covered by a control techniques guidelines (CTG) document and any other major stationary source of VOCs or NOx. Any stationary source that emits or has a potential to emit at least 50 tons per year (tpy) of VOCs or NOx is a major stationary source in a serious ozone nonattainment area. Comments are due 28 NOV 14. For more information, contact [Stanley Tong](#) at (415) 947-4122.

CALIFORNIA SIP: YUBA-MARYSVILLE EPA is proposing to redesignate the Yuba City-Marysville nonattainment area to attainment for the 2006 24-hour PM2.5 NAAQS ([79 FR 61822](#)). EPA is also proposing to approve the PM2.5 maintenance plan and the associated motor vehicle emissions budgets for use in transportation conformity determinations necessary for the Yuba City-Marysville area. Finally, EPA is proposing to approve the attainment year emissions inventory. The proposed approvals are a revision to the California SIP. Comments were due 14 NOV 14. For more information, contact [John Ungvarsky](#) at (415) 972-3963.

NEVADA SIP: STATIONARY SOURCE PERMITS EPA is proposing to approve revisions to the Nevada SIP that address stationary source permitting ([79 FR 62846](#)). The revisions include amended state rules related to applications for and issuance of permits for stationary sources, but not including review and permitting of major sources and major modifications under the Clean Air Act (CAA) Title I Parts C and D. The final rule is effective 22 DEC 14 unless EPA receives adverse comment by 22 NOV 14. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

NEVADA SIP: CLARK COUNTY EPA is approving revisions to the Clark County portion of the Nevada SIP ([79 FR 62350](#)). The revisions address stationary source permits. The approval revises NSR rule definitions; applicability, permit requirements for minor sources, major sources in attainment areas, major sources in nonattainment areas, requirements for Part 70 sources, and emission reduction credits. The final rule is effective 17 NOV 14. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

CLEANUP

FY15 SUPERFUND IMPLEMENTATION MANUAL EPA's Office of Solid Waste and Emergency Response (OSWER) released its [FY 2015 Superfund Program Implementation Manual](#). The manual provides overarching program management priorities, procedures, and practices for the Superfund remedial, removal, enforcement, and federal facilities programs. The manual is divided into 12 chapters, six of which highlight priorities, initiatives, and performance measures for Superfund programs. The manual is intended for use by regional Superfund branch chiefs.

SUPERFUND NOTIFICATION EPA is proposing to broaden the methods by which it can notify the public about certain Superfund activities ([79 FR 59179](#)). The [National Oil and Hazardous Substances Pollution Contingency Plan](#) requires that the public be notified of certain Superfund activities by a notice in a major local newspaper of general circulation. EPA is proposing to amend the notification requirements specified in the plan so that it can adopt a notification approach that is most effective at informing a community. Comments were due 31 OCT 14. For more information, contact [Jean Farrell](#) at (703) 603-9055.

VAPOR INTRUSION: EPA MEMORANDUM FOR REGIONAL SUPERFUND DIVISION DIRECTORS EPA's OSWER sent a [memorandum](#) to EPA Region 1-10 Superfund division directors that provides information about existing EPA guidance on early or interim actions at Superfund sites. The memorandum also provides current information about the toxicity of trichloroethylene (TCE). Information referenced in the memorandum may be used by EPA Regional Superfund division directors to support Superfund decision-making at sites with actual or potential inhalation exposures to TCE. Visit OSWER's [vapor intrusion](#) and [risk assessment](#) websites for more information and guidance, or contact Michael Scozzafava at (703) 603-8833.

TCE VAPOR INTRUSION MEMORANDUM: EPA REGION 9 EPA Region 9 issued [guidance](#) to Region 9 Superfund division staff and management to use when assessing and responding to inhalation exposures to TCE in residential and non-residential/commercial/industrial settings caused by subsurface vapor intrusion at Region 9 Superfund sites. The recommendations were issued by EPA regional staff through the Chief of the Federal Facilities and Site Cleanup Branch to the Director of the Superfund Division.

CLIMATE CHANGE

EPA CLIMATE CHANGE ADAPTATION IMPLEMENTATION PLANS EPA released the final versions of its agency-wide [Climate Change Adaptation Plan](#) and the [17 Climate Change Adaptation Implementation Plans](#) (seven office-specific plans and 10 regional plans). Taken together, the implementation plans demonstrate how the EPA will attain the 10 agency-wide priorities presented in the Climate Change Adaptation Plan. A central element of all of EPA's plans is to build and strengthen its adaptive capacity and work with its partners to build capacity in states, tribes, and local communities. Each program and regional office's *Implementation Plan* contains an initial assessment of the implications of climate change for the organization's goals and objectives. The plan then identifies specific priority actions that the office (or region) will take to begin addressing its vulnerabilities and mainstreaming climate change adaptation into its activities. For more information, view plans specific to [Region 8](#), [Region 9](#), and [Region 10](#).

GHG REPORTING PROGRAM EPA amended reporting and recordkeeping requirements for its GHG Reporting Program ([79 FR 63749](#)). The amendments include an alternative verification approach for certain reporters that have disclosure concerns. The alternative verification approach includes the addition of new verification, recordkeeping, and reporting

requirements. Affected categories include the broad category of General Stationary Fuel Combustion Sources. In conjunction with the amendments, the EPA is establishing final confidentiality determinations for the new data elements added in this action. The final rule is effective 24 NOV 14. For more information, contact [Carole Cook](#) at (202) 343-9263.

COMPILATION OF STATE CLIMATE ADAPTATION EFFORTS The [Georgetown Climate Center](#) published an online [tool](#) showing what states and communities are doing to adapt to climate change. Click on a state to view a summary of its progress to date and to access its full profile page. State profile pages include a detailed breakdown of each state's adaptation work and links to local adaptation plans and resources.

CAR SHARING FOR FEDERAL FLEETS The General Services Administration (GSA) is exploring whether [car sharing](#) could help federal agencies reduce costs, improve efficiency, optimize vehicle use, and generally provide a more sustainable approach to government fleet management. GSA will pilot car-sharing as an option for federal agencies in Washington, D.C., New York City, Boston, and Chicago, and has awarded contracts to vendors that will provide car-sharing as an option for federal employees that use government vehicles on a short-term hourly basis, not to exceed a one-day maximum.

ENERGY

GREEN BUILDING CERTIFICATION SYSTEMS FOR FEDERAL BUILDINGS DOE released the [text of a final rule](#) addressing [green building certification systems](#) for federal agencies. Federal agencies are not required to use a green building rating system, but if they choose to do so, the systems must meet the criteria specified in the final rule. The rule adds identical green building certification criteria to both 10 CFR Part 433 (Federal Commercial and Multi-Family High-Rise Residential Energy Efficiency Standards) and 10 CFR Part 435 (Federal Low-Rise Residential Energy Efficiency Standards). For more information, contact [Sarah Jensen](#) at (202) 287-6033.

FOSSIL-FUEL ENERGY CONSUMPTION FOR FEDERAL BUILDINGS DOE released the [text of a supplemental notice](#) addressing the fossil fuel-generated energy provisions of the [Energy Conservation and Production Act \(ECPA\)](#), as amended for federal buildings. In the notice, DOE responds to comments made to its [2010 proposal](#) and requests comment on additional approaches and clarifications. ECPA, as amended by the Energy Independence and Security Act of 2007 (EISA) requires DOE to establish revised performance standards for the construction of all new federal buildings, including commercial buildings, multi-family high-rise residential buildings, and low-rise residential buildings. Comments will be accepted for 60 days following publication in the Federal Register. For more information, contact [Sarah Jensen](#) at (202) 287-6033.

BUILDINGS-TO-GRID INTEGRATION DOE released a draft document titled *Transaction-Based Building Controls Framework, Volume 1: Reference Guide* ([79 FR 61067](#)). The guidance document proposes a framework concept to achieve the objectives of raising buildings' efficiency and energy savings potential. The draft document is available on [Regulations.gov](#) (docket D=EERE-2014-BT-NOA-0016). For more information, contact [Joseph Hagerman](#) at (202) 586-4549.

DOE TO FUND ADVANCED BIOFUELS AND BIOFUEL PRODUCTS DOE [announced](#) up to \$13.4 million for five projects to develop advanced biofuels and bioproducts that will help drive down the cost of producing gasoline, diesel, and jet fuel from biomass. The research and development projects, located in Wisconsin, Minnesota, California, Colorado, and Georgia, will focus on developing integrated processes for the production of advanced biofuels and chemicals. Two of the projects will address research efforts on the efficient conversion of biogas (a mixture of gases generated from the biological breakdown of organic material) to valuable products other than power.

RENEWABLE ENERGY: REQUEST FOR INFORMATION, POSSIBLE FUNDING OPPORTUNITY DOE's Office of Energy Efficiency and Renewable Energy (EERE) is requesting information about a possible funding opportunity that would promote renewable energy and energy conservation at federal facilities ([79 FR 62609](#)). The funding opportunity may focus on

combined heat and power (CHP) and renewable energy inclusive of solar, wind, biomass, landfill gas, ocean, geothermal, waste-to-energy, and new hydroelectric energy technologies. Further, the funding opportunity may target projects incorporated into privately financed contracts such as Energy Savings Performance Contracts (ESPCs), Utility Energy Service Contracts (UESCs), and Power Purchase Agreements (PPAs). The purpose of this notice is to encourage prospective applicants to begin formulating ideas, gathering data, and developing partnerships in anticipation of the funding opportunity. Prior to issuing a notice of funding opportunity, the Federal Energy Management Program (FEMP) is making technical assistance available upon request to federal agencies to identify and analyze CHP or renewable energy opportunities and technologies. Responses were due 13 NOV 14. For more information, contact [EERE](#) or view the [notice of intent](#).

PUBLIC LANDS FOR RENEWABLE ENERGY DEVELOPMENT The Bureau of Land Management (BLM) is proposing to amend existing regulations to facilitate responsible solar and wind energy development and to receive fair market value for such development ([79 FR 59021](#)). The proposed rule would promote the use of preferred areas for solar and wind energy development and establish competitive processes, terms, and conditions (including rental and bonding requirements) for solar and wind energy rights-of-way both inside and outside these preferred areas. BLM ranks as medium-priority, but still feasible to authorize, applications involving lands designated as "DoD operating areas with land use or operational conflicts." Comments are due 1 DEC 14. For more information, contact Ray Brady at (202) 912-7312.

SMART GRID FRAMEWORK The National Institute of Standards and Technology (NIST) [published](#) *NIST Framework and Roadmap for Smart Grid Interoperability Standards, Release 3.0*, a document that reflects advances in smart grid technologies and developments. The 3.0 framework updates the plan for transforming the nation's aging electric power system into an interoperable smart grid. The framework now includes 74 updated standards and protocols, including seven standards not included in prior versions. The updated model reflects the growing importance of "distributed energy resources," which include nontraditional sources such as customer-owned solar and wind power systems.

NATURAL RESOURCES

DANGER TO BIRDS FROM OPEN PIPES Open pipes, widely used for a variety of purposes across the western U.S. landscape, have been [reported](#) as a "potentially very large" source of bird mortality according to research by scientists at Los Alamos National Laboratory (LANL). The [study](#) looked at pipes installed vertically with an open top, such as gate posts, open bollards, or survey and boundary markers. The pipes pose an entrapment threat to birds, especially to cavity-nesting birds. For more information, contact [Robert Johns](#) at (202) 888-7472.

NEVADA SENATOR BLASTS FWS SAGE-GROUSE EFFORTS Nevada Senator Amodei sent a [letter](#) to the head of the U.S. Fish and Wildlife Service (FWS) Pacific Southwest Regional Director Ren Lohofener expressing concerns about federal efforts to protect the sage grouse. The letter requests better communication and transparency regarding federal efforts associated with the 2014 Nevada Sage-Grouse Conservation Plan.

SAN GABRIEL MOUNTAINS NATIONAL MONUMENT President Obama issued a [proclamation](#) establishing the San Gabriel Mountains National Monument in California. The San Gabriel Mountains National Monument covers 346,177 acres of federal land. It will be managed by the U.S. Forest Service and will be the eighth national monument under Forest Service management. There are more than 100 national monuments across the country managed by the Forest Service, National Park Service, Fish and Wildlife Service (FWS), BLM, and National Oceanic and Atmospheric Administration (NOAA).

HONEY BEES A working group chaired by the White House Council on Environmental Quality (CEQ) released the guidance document titled [Supporting the Health of Honey Bees and Other Pollinators](#). The document is an addendum to the Sustainable Practices for Designed Landscapes guidance and supports the June 2014 [Presidential Memorandum](#) on pollinators. For more information, visit CEQ's [website](#) on pollinators.

SUSTAINABILITY

BIOBASED PRODUCT LABELING USDA is proposing to amend its regulations governing the Voluntary Labeling Program for Biobased Products ([79 FR 63846](#)). The amendments would incorporate statutory changes introduced by the Agricultural Act of 2014 (the 2014 Farm Bill). The 2014 Farm Bill presses USDA to move forward with designation of complex assemblies that contain biobased content. A "complex assembly" is a multi-component assembled product with one or more component(s) being made with biobased material. Comments are due 26 DEC 14. For more information, contact [Ron Buckhalt](#) at (202) 205-4008.

GUIDELINES FOR DESIGNATING BIOBASED PRODUCTS USDA is proposing to amend its regulations governing guidelines for designating biobased products for federal procurement ([79 FR 63841](#)). The proposed rule would create additional reporting and procurement responsibilities related to biobased products, including a requirement for agencies to report quantities and types of biobased products purchased. It would also add a definition of "innovative" as it applies to identifying forest products that qualify for federal biobased procurement preference. Prior to final implementation, conforming changes will need to be made to the Federal Acquisition Regulation (FAR). Comments are due 26 DEC 14. For more information, contact [Ron Buckhalt](#) at (202) 205-4008.

THREATENED AND ENDANGERED SPECIES

YELLOW-BILLED CUCKOO FWS listed the western distinct population segment (DPS) of the [yellow-billed cuckoo](#) (*Coccyzus americanus*) as threatened ([79 FR 59991](#)). The western DPS of the species is known or believed to occur in Arizona, California, Colorado, Montana, Nevada, New Mexico, Oregon, Texas, Utah, Washington, and Wyoming. The final rule was effective 3 NOV 14. For more information, contact Jennifer Norris at (916) 414-6600.

23 SPECIES IN MARIANAS ISLANDS FWS is proposing to list 21 plant and animal species from the Mariana Islands (Guam and U.S. Commonwealth of the Northern Marianas Islands) as endangered ([79 FR 59363](#)). FWS is also proposing to list two plant species from Guam and the Northern Marianas as threatened. Comments are due 1 DEC 14. For more information, contact Loyal Mehrhoff at (808) 792-9400.

ARROYO TOAD FWS reopened the public comment period on its proposed rule to reclassify the [arroyo toad](#) (*Anaxyrus californicus*) as threatened ([79 FR 62408](#)). The proposed rule would downlist the toad, which is found in California, from endangered to threatened. FWS intends to issue a final rule before 27 MAR 15. The public comment period is extended to 17 NOV 14. For more information, contact Stephen Henry at (805) 644-1766.

GUADALUPE FUR SEAL FWS is conducting a status review of the [Guadalupe fur seal](#) (*Arctocephalus townsendi*) ([79 FR 63088](#)). FWS is requesting information on the Guadalupe fur seal population in eastern Pacific waters that has become available since the last status review (1984). There are small populations of the Guadalupe fur seal off Baja California on San Benito Island and off Southern California at San Miguel Island. Comments are due 22 DEC 14. For more information, contact Christina Fahy at (562) 980-4023.

TOXICS

GREEN PRODUCT AWARD WINNERS EPA [announced](#) the [Presidential Green Chemistry Challenge winners](#) for 2014. Winners include:

- Halogen-free foam concentrates for firefighting: The Solberg Company developed a line of halogen-free fire fighting foams suitable for fighting Class B fires fueled by flammable or combustible liquids. ([more information](#))
- Renewable hydrocarbon for diesel and jet fuel: Amyris Inc. developed a yeast strain that converts sugars into the hydrocarbon farsane (rather than ethanol). Farsane can be processed to provide renewable a drop-in replacement for diesel or a blend stock for jet fuel. ([more information](#))

OSHA CHEMICAL MANAGEMENT AND PELs The Occupational Safety and Health Administration (OSHA) is reviewing its overall approach to managing chemical exposures in the workplace and is seeking stakeholder input to address challenges found with its current regulatory approach ([79 FR 61383](#)). OSHA is considering moving to a risk based assessment approach to update permissible exposure limits (PELs) for larger numbers of workplace chemicals. OSHA is also seeking to align its approach with those employed by EPA's Integrated Risk Information System (IRIS), National Institute for Occupational Safety and Health (NIOSH), Agency for Toxic Substances Disease Registry (ATSDR), European Union Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH), and others. Comments are due 8 APR 15. For general information, contact [Frank Meilinger](#) at (202) 693-1999. For technical information, contact [Lyn Penniman](#) at (202) 693-1950.

WASTE

EBOLA-CONTAMINATED WASTE The Pipeline and Hazardous Materials Safety Administration (PHMSA) issued a [safety advisory](#) to provide guidance on Department of Transportation (DOT) HMR to persons who prepare, offer, and transport materials contaminated or suspected of being contaminated with the Ebola virus ([79 FR 64646](#)). Material contaminated or suspected of being contaminated with Ebola is regulated as a Category A infectious substance under the HMR. To ensure safe transportation, Ebola contaminated materials must be packaged in conformity with the applicable requirements in the HMR for Category A infectious substances. For more information, contact Charles Betts at (202) 366-8553.

WATER

STORMWATER MANAGEMENT: GREEN INFRASTRUCTURE COLLABORATIVE EPA and other federal agencies, non-governmental organizations, and private-sector entities formed the [Green Infrastructure Collaborative](#), a network to help communities more easily implement green infrastructure. The collaborative released a revised [Statement of Support](#) in which DoD committed to:

- Develop and distribute guidance on how to operate and maintain green infrastructure on military bases in the United States;
- Provide training and awareness on green infrastructure tools and implementation;
- Increase the amount of pervious surfaces by removing building pads for demolished buildings; and
- Update the [Unified Facilities Criteria on Landscape Architecture](#) (3-201-02) to clarify guidance on green infrastructure.

As used by EPA, [green infrastructure](#) generally refers to the management of stormwater runoff using engineered systems that mimic natural systems to treat polluted stormwater runoff.

DENTAL AMALGAM EPA is proposing technology-based pretreatment standards for discharges of pollutants into publicly owned treatment works (POTWs) from existing and new dental practices that discharge [dental amalgam](#) ([79 FR 63257](#)). The proposal would require dental practices to use [amalgam separators](#) and implement [best management practices](#) (BMPs). In addition, EPA is proposing to amend selected parts of the General Pretreatment Regulations to streamline oversight requirements for the dental sector. Dental amalgam contains mercury in a highly concentrated form that is relatively easy to collect and recycle. Dental offices are the main source of mercury discharges to POTWs. Comments are due 22 DEC 14. A public hearing was held 10 NOV 14 in Washington, DC. For more information, contact [Damon Highsmith](#) at (202) 566-2504.

POSSIBLE NEW DRINKING WATER CONTAMINANT RULE EPA released a preliminary determination to regulate one contaminant (strontium) and not to regulate four other contaminants ([79 FR 62715](#)). The four contaminants are [1,3-dinitrobenzene](#) (used in the manufacture of explosives), dimethoate, terbufos, and terbufos sulfone. The Safe Drinking Water Act (SDWA) requires EPA to make regulatory determinations every five years on at least five unregulated

contaminants. A regulatory determination is a decision about whether or not to begin the process to propose and promulgate a national primary drinking water regulation (NPDWR) for an unregulated contaminant. EPA is seeking comment on the preliminary determinations. Comments are due 19 DEC 14. For more information, contact [Zeno Bain](#) at (202) 564-5970.

EPA/USACE EXTEND COMMENT PERIOD FOR DEFINITION OF WATERS OF THE U.S. EPA and USACE extended the public comment period for the [April 2014 proposed rule](#) to define waters of the United States ([79 FR 61590](#)). The public comment period was extended to 14 NOV 14. For more information, contact [Donna Downing](#) (EPA) at (202) 566-2428 or [Stacey Jensen](#) (USACE) at (202) 761-5856.

PEER REVIEW OF EPA REPORT ON DEFINITION OF WATERS OF THE U.S. The EPA's Science Advisory Board (SAB) released a final [peer review](#) of EPA's draft report titled [Connectivity of Streams and Wetlands to Downstream Waters: A Review and Synthesis](#). SAB had been asked to comment on the clarity and technical accuracy of the report, whether it includes the most relevant peer reviewed literature, whether the literature has been correctly summarized, and whether the findings and conclusions are supported by the available science. The document has been placed in the [docket](#) (Docket ID No. EPA-HQ-OW-2011-0880) for the EPA/USACE [proposed rule](#) to define waters of the United States ([79 FR 63594](#)). Comments were due 14 NOV 14. For more information, contact [Donna Downing](#) (EPA) at (202) 566-2428.

GAO REPORT: OCEAN ACIDIFICATION The Government Accountability Office (GAO) issued a report reviewing federal efforts to address ocean acidification ([GAO-14-736](#)). Increasing carbon dioxide (CO₂) in the atmosphere and oceans are resulting in chemical changes referred to as ocean acidification. In addition to increasing acidity, higher levels of CO₂ in the oceans can make it more difficult for marine life to create, grow, or maintain shells and skeletons. The potential to alter marine food webs was identified as one of the most significant ecosystem-level effects that could result from ocean acidification. As part of the effort, GAO reviewed several summary reports and scientific literature. GAO found that federal responses are underway, but additional actions are needed to understand and address potential impacts. GAO noted that several federal agencies have taken steps to implement the [Federal Ocean Acidification Research and Monitoring Act of 2009](#) (FOARAM) but have yet to complete some of the act's requirements, such as budgeting for implementing the research and monitoring plan required by the act. For more information, contact [Steve Morris](#) at (202) 512-3841.

Professional Development

DoD TRAINING SOURCES

USACE PROSPECT TRAINING USACE announces course availability for the FY15 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [Course Catalog](#) and [List of Classes and schedule](#) for details.

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

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

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

FEDERAL TRAINING SOURCES

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.

ONLINE TRAINING: SCHEDULED EVENTS

***SERDP AND ESTCP WEBINAR SERIES** The DoD environmental research and development funding programs ([SERDP and ESTCP](#)) are launching a [webinar series](#) to promote the transfer of innovative, cost-effective and sustainable solutions developed using SERDP and ESTCP funding. Live webinars will be offered every two weeks on Thursdays from 12:00 PM ET (9:00 AM PT) for 90 minutes. Most webinars will feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DoD and DOE audiences.

- Management of Contaminated Sediments Sites (20 NOV 14)
- Waste to Energy Technologies (4 DEC 14)
- Energy Audits (18 DEC 14)
- DNAPL (Dense Non-Aqueous Phase Liquid) Source Zone Management (8 JAN 15)
- Sustainable Materials (22 JAN 15)
- Acoustic Methods for Underwater Munitions (5 FEB 15)
- Solar Technologies (19 FEB 15)
- Lead Free Electronics (5 MAR 15)
- Bioremediation Approaches at Chlorinated Solvent Sites (19 MAR 15)
- Resource Conservation and Climate Change (26 MAR 15)

- Blast Noise Measurements and Community Response (16 APR 15)
- Munitions Mobility (7 MAY 15)
- Managing Muniton Constituents on Training Ranges (28 MAY 15)

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

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

ENERGY STAR WEBCASTS. Among the offerings:

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

CLIMATE 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.

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. Previously scheduled webinars are available anytime.

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

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

ONLINE TRAINING: AVAILABLE ANYTIME

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.

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

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.

AREA SOURCE BOILER RULE VIDEO SERIES This [EPA video series](#) explaining the Area Source Boiler Rule consists of modules regarding:

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

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

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

PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES The CERCLA Education Center (CEC) is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI, and hazard ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). More information is available at www.clu-in.org.

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

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

CLASSROOM/INTERNET TRAINING SOURCES

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.

* indicates the first time a training opportunity appears in the Review.

How the Regional Offices Work for You

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

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

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

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

Staff Directory

Mark Mahoney

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

Kevin Ward

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

Julia Miller

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

Tim Kilgannon

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

Park Haney

Deputy Director/
Army Coordinator Region 10
(303) 844-0957
reed.p.haney.civ@mail.mil

Adriane Miller

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

Nancy Reese

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

Additional Multi-Service Contacts

RADM Patrick Lorge

Navy DoD REC Region 9
(619) 532-2925

Michael Huber

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

Steve Arenson

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

Pat Christman

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

Acronyms

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

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

NOAA	National Oceanic and Atmospheric Administration
NO ₂	nitrogen dioxide
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSEC	Nevada State Environmental Commission
NSPS	New Source Performance Standard
NSR	New Source Review
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
OSHA	Occupational Safety and Health Administration
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RACT	reasonably available control technology
RCRA	Resource Conservation and Recovery Act
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SIP	State Implementation Plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO ₂	sulfur dioxide
SOx	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WGA	Western Governors' Association
WRAP	Western Regional Air Partnership

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations. The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to offer language to support or oppose the issue.

To comment on an item in the *Western Review*, please contact the Regional Environmental Coordinator listed at the top of page 2 and/or in the [Staff Directory](#).

To be added to the Region 9 *Western Review* distribution list, email [Nancy Reese](#).