



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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Federal Facility Compliance and Enforcement

The Environmental Protection Agency (EPA), through the Federal Facilities Enforcement Office (FFEO) released the fiscal year (FY) 2015 [National Federal Facilities Compliance and Enforcement Program Agenda](#).

In 2015, EPA will continue to align its various federal facility sector activities with its [National Enforcement Initiatives](#) and other agency-wide and [regional environmental enforcement priorities](#) whenever possible, while continuing to focus on federal facility enforcement priority areas. The agenda sets a target of at least 10 federal facility site inspections per region. Federal Facility enforcement priority areas include:

Air: Focus on compliance monitoring and enforcement as a follow-up to required federal facility [risk management plans](#) (Clean Air Act, Section 112(r)).

Waste: Focus on federal medical facilities that generate hazardous waste and [large quantity generators](#) (LQG) of hazardous waste that have not been inspected by EPA in the past five years.

Drinking Water: Focus on inspection and enforcement of federally owned drinking water systems and injection wells.

Stormwater: Focus on federal facilities such as post offices, shipbuilding or repair yards, airports, hazardous waste treatment, storage or disposal facilities (TSDF), and scrap recycling facilities.

Climate Change: In some instances, EPA regional offices will inspect federal facilities in designated flood zones that manage hazardous waste, oil, and toxic chemicals and/or are dischargers of stormwater, to determine whether they are in compliance (with [EPA Regional Climate Change Plans](#)), and suggest best management practices.

GOCO/GOPO: Focus on government owned/contractor operated and government owned/private operated facilities.

Additional information about EPA's enforcement focus is available on [FedCenter](#). The site contains links to the FY 2015 program agenda, a 2011 guide to EPA access and inspection authorities, EPA's Federal Facilities Enforcement Focus Areas (i.e., Integrated Strategies), and much more.

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: INCORPORATION BY REFERENCE The Maricopa County Air Quality Department adopted [revisions](#) to rules in Regulation III that incorporate by reference various federal regulations and documents promulgated by EPA and published in the Federal Register. The rulemaking adopts actions related to New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), Acid Rain and other parts of Title 40 of the Code of Federal Regulations (CFR). The revisions amend district rule [321](#) (Municipal Solid Waste Landfills), [360](#) (New Source Performance Standards), [370](#) (Federal Hazardous Air Pollutant Program), [371](#) (Acid Rain), and [Appendix G](#) (Incorporated Materials). The [final rules](#) were effective 5 NOV 14. For more information, contact [Cheri Dale](#) at (602) 506-6010.

CLEAN UP

SITE INVESTIGATION GUIDANCE MANUAL The Arizona Department of Environmental Quality (ADEQ) [released](#) the [Site Investigation Guidance Manual](#). The guidance manual was developed to provide the regulated community and ADEQ technical staff with guidance for the development of contaminant investigation strategies. It provides a framework for performing site investigations for programs administered by ADEQ. For more information, contact [Wayne Pudney](#) at (602) 771-4192.

TOXICS

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. The proposed rule also makes changes to record-keeping requirements. Comments are due 15 DEC 14. A public hearing is scheduled for 16 DEC 14. For more information, contact [Jack Peterson](#) at (602) 542-3575.

LEGISLATIVE DEVELOPMENTS

The [2015 Arizona legislative session](#) begins 12 JAN 15 and is estimated to adjourn 25 APR 15.



AIR

SUSTAINABLE FREIGHT STRATEGY The California Air Resources Board (CARB) [announced](#) a public meeting to receive an update on the development of the California Sustainable Freight Strategy. The purpose of the strategy is to identify

and prioritize actions needed to move California towards a sustainable freight transport system characterized by improved efficiency and zero or near zero emissions. The State has made considerable progress to reduce air pollution from the movement of freight over the last decade through the collective efforts of impacted communities, air quality agencies, the logistics industry, and the ports. Since 2005, particulate matter (PM) emissions have been reduced by 70% or more at major seaports, and by 50-70% at the highest risk rail yards in the State. A public meeting is scheduled for 18 DEC 14. Comments are due 15 SEP 14. For more information, contact Heather Arias at (916) 322-6054.

IMPERIAL COUNTY PM2.5 PLAN CARB [announced](#) a public meeting to consider approval of the Imperial County 2013 State Implementation Plan (SIP) for the 2006 24-hour fine particulate matter (PM2.5) moderate nonattainment area (Imperial PM2.5 Plan). If approved, the plan will be submitted to EPA as a revision to the California SIP. The Imperial 2.5 Plan demonstrates attainment of the 35 micrograms per cubic ($\mu\text{g}/\text{m}^3$) 24-hour PM2.5 standard but for emissions from Mexico. Comments are due 15 DEC 14. A public meeting is scheduled for 18 DEC 14. For more information, contact Webster Tasat at (916) 323-4950.

SAN JOAQUIN: CEQA COMMENTING PROCESS The San Joaquin Valley Air Pollution Control District held a public workshop on the district's [programmatic approach](#) to streamline the California Environmental Quality Act (CEQA) commenting process. The proposed programmatic approach will provide lead agencies with a more efficient and effective alternative process for submitting and receiving district comments for specific categories of projects early in the review process. The workshop was held 8 DEC 14. For more information, contact [Chay Thao](#) at (559) 230-6000.

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 CARB's Portable Equipment Registration Program (PERP) and district rule 4623 (Storage of Organic Liquids). The amendments would allow certain registered portable engines to be used at stationary sources during unforeseen interruptions of electrical power from certain repair and maintenance and short-term electrical upgrade operations. The amendments would also maintain current internal combustion engine exemption levels in response to recently adopted NSPS and NESHAP requirements for engines smaller than 50 brake horsepower (bhp). A [public hearing](#) is scheduled for 18 DEC 14. For more information, contact Jim Swaney at (559) 230-6000 or view this [final draft staff report](#).

SOUTH COAST: ELECTRIC VEHICLE CHARGING STATION PROJECTS The South Coast Air Quality Management District drafted a [protocol](#) addressing the generation of credits from installation of electric vehicle charging stations at workplaces located in the district. The draft protocol would establish a consistent procedure for evaluating, approving, and monitoring future electric vehicle charging station projects. It contains specific provisions for the generation and use of [Rule 2202](#) credits. Specifically, the draft protocol provisions include the required elements for a Rule 2202(f)(6) application submittal including the emission reduction quantification; identification of the electric vehicle charging stations and their locations; the use of the credits generated; and requirements for monitoring, recordkeeping, and reporting. Comments were due 12 DEC 14. For more information, contact [Derrick Alatorre](#) at (909) 396-2039.

ENERGY

BATTERY STORAGE SAFETY REGULATIONS The California Occupational Safety and Health Standards Board [is proposing](#) revisions to the General Industry Safety Orders storage battery regulations applicable to stationary battery systems used for standby power, emergency power, or uninterrupted power supply. Current regulations address the changing and charging of lead-acid storage batteries and management of battery charging areas. The existing regulations do not address valve-regulated lead-acid (VRLA) batteries (commonly referred to as maintenance free batteries), lithium-ion, and other modern battery types. Such batteries are designed, constructed, utilized, and handled differently than lead-acid batteries. The [proposed rule](#) would create new Section 5184 (Storage Battery Systems) to address stationary battery systems and update Section 5185 (Changing and Charging of Storage Batteries) to apply to newer battery technologies. A public hearing is scheduled for 15 JAN 15. Comments are due the same day. For more information, contact Marley Hart at (916) 274-5721.

NATURAL RESOURCES

QUAGGA AND ZEBRA MUSSEL INFESTATION PREVENTION PROGRAM The California Department of Parks and Recreation, Division of Boating and Waterways [adopted](#) a boater registration fee to fund the Quagga and Zebra mussel infestation program. Fees will provide grant funding for water body owners/managers to implement a dreissenid mussel infestation prevention program. The final rule was effective 5 NOV 14. For more information, contact [Robin Turgeon](#).

TAKE OF RARE PLANTS The California Fish and Game Commission adopted a [final rule](#) allowing the Department of Fish and Wildlife to issue permits for the take of rare plants. The adopted regulation includes a “grandfather” provision for plans, permits, or other agreements that may have inadvertently authorized rare plant impacts in the past, and make such authorizations effective as of the day they were approved. The final rule is effective 1 JAN 15. For more information, contact Craig Martz at (916) 653-4674.

WATER

WATER RIGHTS FEES The California State Water Resources Control Board [adopted](#) emergency revisions to water rights fee schedules. The revisions increase annual water right fees, increase the certain annual hydroelectric facility license-associated water quality certification fees, and adjust the caps on application and petition filing fees. The emergency revisions, effective 31 OCT 14 will remain in effect until revised by the board. For more information, contact Robert Rinker at (916) 322-3143.

WASTE DISCHARGE FEES The California State Water Resources Control Board [adopted](#) an emergency rulemaking adjusting fees for waste discharge permits. The rulemaking adjusts (increases) fees associated with stormwater conveyances, dredge and fill, and waste discharge requirement orders. The emergency rules were published 7 NOV 14, effective 27 OCT 14. They expire 25 APR 15. For more information, contact David Ceccarelli at (916) 341-5999.

MARINE OIL TERMINALS: VESSEL BIOFOULING, INSPECTION AND MONITORING, AND BUILDING CODES The California State Lands Commission [announced an informal comment period](#) on proposed amendments to three regulations:

- [Article 4.8](#) – Biofouling Management to Minimize the Transfer of Nonindigenous Species from Vessels Operating in California Waters;
- [Article 5.0](#) – Marine Oil Terminals Inspection and Monitoring (formatting issues will be addressed prior to the official comment period); and
- [Title 24](#), California Code of Regulation (CCR) California Building Code, Chapter 31F, Marine Oil Terminals (MOTEMS).

Comments are due 31 DEC 14. For more information, contact the [commission](#).

SPILL RESPONSE: RATING SYSTEM The Office of Spill Prevention and Response (OSPR) within the California Department of Fish and Game [adopted amendments](#) to the Oil Spill Response Organization (OSRO) rating system. The amendments make clarifications to the current OSRO rating system and require OSROs rated to provide shoreline protection services to participate in the OSPR’s Sensitive Site Strategy Evaluation Program. The [final rule](#) is effective 1 JAN 15. For more information, contact Joy Lavin-Jones at (916) 327-0910 or visit the [rulemaking website](#).

POLICY FOR DEVELOPING THE 303(d) LIST California State Water Resources Control Board is [inviting public comment](#) on its proposed approval of revisions to the *Water Quality Control Policy for Developing the Clean Water Act Section 303(d) List* (Listing Policy). The revisions would change to the process by which the 303(d) list is compiled, promote efficiencies in the manner in which data is solicited and assessed, and streamline the public participation and review process. The revisions are intended to result in timely 303(d) list submittals by the board. Comments are due 22 DEC 14. A [public hearing](#) is scheduled for 3 FEB 15. For more information, contact [Nick Martorano](#) at (916) 341-5290 or visit the [303\(d\) policy development website](#).

LEGISLATIVE DEVELOPMENTS

The [2015 California legislative session](#) began 1 DEC 14 and adjourns 30 NOV 16.



WATER

2016 INTEGRATED REPORT: REQUEST FOR DATA The Hawaii Department of Health (HDOH), Clean Water Branch [is requesting](#) state water quality data for consideration in the current listing cycle for the 2016 Integrated Report. Any persons/organizations/agencies that have data and information on the quality of State waters in Hawaii are encouraged to submit these documents. Comments are due 1 NOV 15. For more information, contact HDOH, Clean Water Branch at (808) 586-4309.

WATER QUALITY STANDARDS HDOH adopted amendments to Hawaii Administrative Rules (HAR), [Chapter 11-54](#) (Water Quality Standards) and [Chapter 11-55](#) (Water Pollution Control). Revisions to Chapter 11-54 modify specific criteria for recreational areas and specify enforcement actions the state may take for violations. Revisions to Chapter 11-55 adopt [federal rules](#) (40 CFR 122.45(g)) for effluent discharges from facilities that intake water for industrial cooling and processing, specify sampling requirements, and make changes to field citations. The final rules were effective 15 NOV 14. For more information, contact Darryl Lum at (808) 586-4309.

LEGISLATIVE DEVELOPMENTS

The [2015 Hawaii legislative session](#) begins 21 JAN 14 and is estimated to adjourn 6 MAY 16.

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. Signed into law 13 OCT 14.

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

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

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

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

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



LEGISLATIVE DEVELOPMENTS

The [2015 Nevada legislative session](#) begins 2 FEB 15 and is estimated to adjourn 1 JUN 15.

Department of Defense Activity

ENERGY

ARMY RENEWABLE ENERGY DEVELOPMENT GUIDE The Army's Office of Energy Initiatives released the document titled [Army Guide: Developing Renewable Energy Projects by Leveraging the Private Sector](#). The guide is intended to assist installations with the development of renewable energy projects. It outlines practices, processes, and relevant Army regulations, approvals, and notifications necessary to advance a privately-financed energy generation project from concept to execution. The guide is not a manual and does not provide a step-by-step process. Instead, it represents an evolving body of knowledge on an approach to developing privately-financed energy projects, which differ from projects using appropriated funding sources (Military Construction) or other third-party finance models such as energy savings performance contracts and utility energy savings contracts. The guide will be updated and expanded as processes, policies, and tools evolve.

AIR FORCE V2G FLEET The Air Force [unveiled](#) its new vehicle to grid (V2G) demonstration project at Los Angeles Air Force Base. The V2G fleet is the DoD's first non-tactical fleet composed entirely of plug-in electric vehicles. The fleet has the capability to direct power to and from the electrical grid when the vehicles are not being driven. The Air Force plans to expand the V2G demonstration to Joint Base Andrews, Md., and Joint Base McGuire-Dix-Lakehurst, N.J. It also will continue to look for additional capabilities, such as utilizing used batteries as a form of on-base energy storage, as well as pursuing additional opportunities to expand its existing partnerships.

NATURAL RESOURCES

TEAM PROTECTING GEORGIA BOMBING RANGE WINS CONSERVATION AWARD The team of military, state and nonprofit organizations responsible for protecting a bombing range in southeastern Georgia from encroachment has been awarded the [inaugural Nancy Natoli Élan Award for Innovation in Land Conservation](#) by the U.S. Endowment for Forestry and Communities. The Townsend Bombing Range Encroachment Partnering Team — Marine Corps Air Station Beaufort, Georgia Department of Natural Resources, The Nature Conservancy, and Naval Facilities Engineering Command Southeast — has helped conserve more than 30,000 acres used for training by Marine Air Corps Station Beaufort, S.C., as well as Navy, Air Force and Army units from more than a dozen installations. Bob Barnes, who served in the Army for 32 years was also selected as a winner of the Nancy Natoli Élan Award for his efforts on behalf of the Readiness and Environmental Protection Integration ([REPI](#)) program.

PLANNING

ARMY 2020 FORCE STRUCTURE REALIGNMENT The Department of the Army announced a Finding of No Significant Impact (FNSI) for implementation of force structure realignment to reduce the Army active duty end-strength from 562,000 at the end of FY 2012 to 420,000 by FY 2020 ([79 FR 68225](#)). The Army concluded there will be no significant

environmental impacts, other than socioeconomic impacts, likely to result from the implementation of the proposed action. The Supplemental Programmatic Environmental Assessment (SPEA) for Army 2020 Force Structure Realignment supplements the 2013 Programmatic Environmental Assessment (PEA). For more information, [click here](#).

Federal Activity

AIR

OZONE NAAQS EPA is [proposing](#) to tighten its primary national ambient air quality standard (NAAQS) for ozone to a range between 65 and 70 parts per billion (ppb) to protect human health. The existing standard is 75 ppb. EPA is also proposing to tighten its secondary (seasonal environment-based) standard by defining ozone protection in a range of 13 to 17 parts per million-hours (ppm-hours), expressed in terms of the [W126 index](#). Comments will be due 90 days after publication in the Federal Register. For more information, contact [Susan Lyon Stone](#) at (919) 541-1146 or visit EPA's [ozone standards website](#).

RECONSIDERATION OF CERTAIN STARTUP/SHUTDOWN ISSUES EPA adopted final amendments to the startup and shutdown provisions of its 16 FEB 12 final Mercury and Air Toxics Standards (MATS) and new source performance standards for certain utility steam generating units (Utility NSPS) ([79 FR 68777](#)). The rulemaking amends the [National Emission Standards for Hazardous Air Pollutants from Coal- and Oil-fired Electric Utility Steam Generating Units](#) and the [Standards of Performance for Fossil-Fuel-Fired Electric Utility, Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units](#), effective 19 NOV 14. For more information, contact [William Maxwell](#) (MATS) at (919) 541-5430 or [Christian Fellner](#) (Utility NSPS) at (919) 541-4003.

MATS REPORTING EPA adopted final amendments to reporting provisions in the MATS rule ([79 FR 68795](#)). The revisions temporarily require affected sources to submit required emissions and compliance reports to EPA through the Emissions Collection and Monitoring Plan System (ECMPS) Client Tool and temporarily suspend the requirement for affected sources to submit certain reports using the electronic reporting tool and the Compliance and Emissions Data Reporting Interface (CEDRI). The final rule is effective 5 JAN 15. For more information, contact [Barrett Parker](#) at (919) 541-5635.

CIVIL PENALTIES: AIR POLLUTION FROM SHIPS EPA issued a direct final rule governing the assessment of civil penalties due to air pollution from ships ([79 FR 65897](#)). EPA had not previously established procedures to assess civil penalties under the [Act to Prevent Pollution from Ships](#). The final rule is effective 5 JAN 15 unless EPA received adverse comment by 8 DEC 14. For more information, contact [Meetu Kaul](#) at (202) 564-5472.

AMBIENT AIR MONITORING: NEW REFERENCE AND EQUIVALENT METHODS EPA designated, in accordance with 40 CFR Part 53, two new reference methods and two new equivalent methods ([79 FR 65392](#)). The new reference methods measure fine and coarse particulate matter (PM_{2.5} and PM₁₀) in ambient air. The new equivalent methods measure carbon monoxide and ozone in ambient air. The final rule was published 4 NOV 14. For more information, contact [Robert Vanderpool](#).

ODS LABORATORY AND ANALYTICAL USE EXEMPTION EXTENDED EPA is proposing to extend the laboratory and analytical use exemption for the production and import of class I ozone-depleting substances (ODS) through 31 DEC 21 ([79 FR 66679](#)). The exemption allows the production and import of controlled substances in the United States for laboratory and analytical uses that have not been previously identified by EPA as nonessential. Comments were due 10 DEC 14. For more information, contact [Jeremy Arling](#) at (202) 343-9055.

INTEGRATED REVIEW PLAN: NAAQS FOR SO₂ EPA released the final draft Integrated Review Plan for the Primary National Ambient Air Quality Standard for Sulfur Dioxide (79 FR 66721). The document contains plans for the review of air quality criteria for health for sulfur oxides and the primary NAAQS for sulfur dioxide (SO₂). The review will focus on effects associated with the gaseous species only. Effects associated with the particulate species (e.g., sulfate) are addressed in the review of the NAAQS for particulate matter. EPA expects the science assessment and risk/exposure assessment to be completed during 2015 and the policy assessments to be completed during 2016. Resulting rulemaking, if any, would not be proposed until 2018. For more information, contact [Michael Stewart](#) at (919) 541-7524 or visit the [SO₂ website](#).

ARIZONA SIP EPA is proposing to approve a revision to the Arizona SIP that address the 2008 lead and ozone NAAQS (infrastructure requirements) (79 FR 69796). In addition, the agency is proposing to approve several state provisions addressing conflict of interest and monitoring requirements in the Arizona SIP. Comments are due 24 DEC 14. For more information, contact [Jeffrey Buss](#) at (415) 947-4152.

NO₂ NAAQS: FAILURE TO SUBMIT INFRASTRUCTURE SIP EPA determined that the District of Columbia and seven states (Alaska, Arkansas, Hawaii, Minnesota, New Jersey, Vermont and Washington) have not submitted complete infrastructure SIPs necessary to implement the 2010 nitrogen dioxide (NO₂) NAAQS (79 FR 69769). EPA will implement Federal Implementation Plans for these states to address outstanding SIP elements. The determination is effective 24 DEC 14. For more information, contact [Mia South](#) at (919) 541-5550.

CLIMATE CHANGE

FIFTH INTERNATIONAL CLIMATE ASSESSMENT REPORT The Intergovernmental Panel on Climate Change (IPCC) released the *Climate Change 2014 Synthesis Report*, its fifth assessment report. The report, preceded by three working group reports completed in 2013 and 2014, warns that continued emission of greenhouse gases (GHGs) will cause further warming and long-lasting changes in all components of the climate system. The report calls for reducing fossil fuels in energy use to 20% (2010 baseline) by 2050 and completely phasing them out by the end of this century to avoid "severe, widespread and irreversible impacts." For more information, view a [report summary](#) or [headline statements](#), or visit [IPCC's website](#) to download the complete report or the associated working group reports.

REGIONAL MONITORING NETWORK TO DETECT CLIMATE CHANGE IN STREAM ECOSYSTEMS EPA is requesting public comment on the draft document titled [Regional Monitoring Networks to Detect Climate Change Effects in Stream Ecosystems](#) (79 FR 70866). The document describes EPA's work to establish regional monitoring networks (RMNs) at which biological, thermal, and hydrologic data will be collected from freshwater wadeable streams to quantify and monitor changes in baseline condition, including climate change effects. RMNs have been established in the Northeast, Mid-Atlantic, and Southeast, and efforts are expanding into other regions. Comments are due 29 DEC 14. For more information, contact [Britta Bierwagen](#) at (703) 347-8613 or visit EPA's [Climate Change website](#).

CLEAN UP

NATIONAL OIL AND HAZARDOUS SUBSTANCES POLLUTION CONTINGENCY PLAN: NOMENCLATURE EPA announced a direct final rule updating terminology used throughout its regulations to align with terminology used in the Superfund Enterprise Management System (SEMS) (79 FR 65589). Effective 31 JAN 14, EPA decommissioned the Comprehensive Environmental Response Compensation and Liability Act Information System (CERCLIS) and adopted SEMS, a more comprehensive data management system. The rulemaking also adds a minor clarification to the description of the remedial preliminary assessment. The final rule is effective 5 JAN 15, unless the agency received adverse comment by 5 DEC 14. For more information, contact [Jennifer Hovis](#) at (703) 603-8888.

NATURAL RESOURCES

CURATION OF FEDERALLY-OWNED AND ADMINISTERED ARCHEOLOGICAL COLLECTIONS The National Park Service is proposing to amend regulations for the curation of federally-owned and administered archeological collections ([79 FR 68640](#)). The amendments establish definitions, standards, and procedures to dispose of particular material remains that are determined to be of insufficient archeological interest. The rule is intended to promote more efficient and effective curation of these archeological collections. Comments are due 17 FEB 15. For more information, contact [David Gadsby](#) at (202) 354-2101.

DEPREDAATION ORDER REVISIONS AND YELLOW-BILLED MAGPIE The Fish and Wildlife Service (FWS) removed the yellow-billed magpie from the [depredation order](#) and made other changes to the order ([79 FR 65595](#)). The changes narrow the application of the regulation from protection of any wildlife to protection of species listed by federal, state, or tribal governments; add conditions for live trapping; and refine reporting requirements. The final rule was effective 5 DEC 14. For more information, contact George Allen at 703-358-1825.

CALIFORNIA EELGRASS MITIGATION POLICY AND GUIDELINES The National Marine Fisheries Service (NMFS) issued the final California Eelgrass Mitigation Policy (CEMP) and implementing guidelines ([79 FR 66360](#)). The intent of the CEMP is to help ensure consistent, effective, and appropriate mitigation of unavoidable impacts to eelgrass habitat throughout California. Eelgrass species are sea grasses that occur in the temperate unconsolidated substrate of shallow coastal environments, enclosed bays, and estuaries. According to NMFS, low statewide abundance makes eelgrass one of the rarest habitats in California. For more information, contact [Korie Schaeffer](#) at (707) 575-6087 or visit the CEMP [website](#).

SUSTAINABILITY

GREEN PROCUREMENT The General Services Administration (GSA) updated its Green Procurement Compilation website by adding a [DoD sustainable acquisition page](#). Initially launched as a downloadable spreadsheet listing basic requirements, the Green Procurement Compilation has evolved into an online version that includes links by item category to facilitate purchasing. The agency-specific procurement page includes links to other DoD sources of sustainable product information such as the DENIX [Sustainable Products Center](#) and [Sustainable Products Demonstrations](#) and links to DoD sustainable product purchasing plans, guidance, policies, instructions and memoranda.

THREATENED AND ENDANGERED SPECIES

YELLOW BILLED CUCKOO FWS reopened the public comment period on its [15 AUG 14](#) proposal to designate habitat for the western distinct population segment (DPS) of [yellow-billed cuckoo](#) (*Coccyzus americanus*) ([79 FR 67154](#)). The western DPS of the species is known or believed to occur in Arizona, California, Colorado, Montana, Nevada, New Mexico, Texas, Utah, Washington, and Wyoming. A [public hearing](#) is scheduled for 18 DEC 14. Comments are due 12 JAN 15. For more information, contact Jennifer Norris at (916) 414-6600.

HAWAIIAN MONK SEAL NMFS revised the scientific name of the [Hawaiian monk seal](#) to *Neomonachus schauinslandi* (= *M. schauinslandi*) ([79 FR 68371](#)). The final rule is effective 16 JAN 15 unless the service receives adverse comment by 17 DEC 14. For more information, contact Jean Higgins at (808) 725-5151.

20 CORAL SPECIES FWS added 20 species of corals (as threatened) to the list of Endangered and Threatened Wildlife ([79 FR 67356](#)). The historic range for a number of these species occurs within Guam, Florida, Puerto Rico, U.S. Virgin Islands, Gulf of Mexico, American Samoa, and the wider Caribbean. The amendments are based on previously published determinations by NMFS, which has jurisdiction for these species. The final rule was effective 13 NOV 14. For more information, contact Douglas Krofta at (703) 358-2171.

DRAFT RECOVERY PLAN FOR THE SANTA ANNA SUCKER FWS released the [draft recovery plan](#) for the Santa Ana sucker for public review and comment ([79 FR 69880](#)). The draft recovery plan includes recovery objectives and criteria, and specific actions necessary to achieve recovery and removal of the species from the Federal List of Endangered and Threatened Wildlife. The species is endemic to the Los Angeles, San Gabriel, and Santa Ana River Basins in southern California. Comments are due 24 DEC 14. For more information, contact Mendel Stewart at (760) 431-9440.

MEXICAN WOLF NEP FWS released a final environmental impact statement (EIS) and draft record of decision (ROD) on proposed revisions to regulations for the existing nonessential experimental population (NEP) of [Mexican wolf](#) (*Canis lupus baileyi*) ([79 FR 70154](#)). The revisions regulations would modify the geographic boundaries in which Mexican wolves are managed, modify management of the NEP, and issue a section 10(a)(1)(A) permit for Mexican wolf management area and areas outside the management area. The EIS evaluates the proposed regulation changes. Comments on the EIS and draft ROD are due 27 DEC 14. The ROD will be issued after the close of the comment period. For more information, contact Sherry Barrett at (505) 761-4704.

WATER

CENTRAL VALLEY WATER MANAGEMENT PLANS: STANDARD CRITERIA The Bureau of Reclamation released standard criteria for agricultural and urban water management plans (criteria) for public comment ([79 FR 65989](#)). The criteria apply to any water management plans submitted to the bureau as required by applicable Central Valley Project water service contracts, settlement contracts, or any contracts that specifically invoke the criteria. Comments were due 8 DEC 14. For more information, contact [Angela Anderson](#) at (916) 978-5215.

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 Munition 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.

***AVERT TUTORIAL** EPA launched its new on-demand training on how to use its Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy (EE/RE) programs to displace electricity system-related SO₂, NO_x, and CO₂ emissions in the continental United States. The tool can be used to evaluate county, state and regional level emissions displaced by energy efficiency and renewable energy programs without the need to specialized resources or electricity system expertise.

***FEMP TRAINING SEARCH TOOL** FEMP recently launched the FEMP Training Search, a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The new search tool provides options to easily find and select training offerings by topic area, topic series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

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.

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Acronyms

AAQS	ambient air quality standards
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ADEQ	Arizona Department of Environmental Quality
ADWR	Arizona Department of Water Resources
AFB	Air Force Base
AGRRC	Arizona Governor's Regulatory Review Council
AQIP	Air Quality Improvement Program
ARNG	Army National Guard
ASTM	American Standard Test Method
ATSDR	Agency for Toxic Substances and Disease Registry
BACM	best available control measure
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CATEX	categorical exclusion
CBAR	California Bureau of Automotive Repair
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
CVC	California Vehicle Code
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
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
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
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
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RACT	reasonably available control technology
RCRA	Resource Conservation and Recovery Act
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SIP	state implementation plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WCI	Western Climate Initiative
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](#).