



U.S. ARMY

Western Review

of Legislative & Regulatory Actions

Region 10



The U.S. Army Regional Environmental & Energy Office

December 2014

The **REGION 10 WESTERN REVIEW** publishes environmental and energy related developments for DoD/Army leaders and installation staff. Covering the four states in Federal Region 10, 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 a subscription request](#).

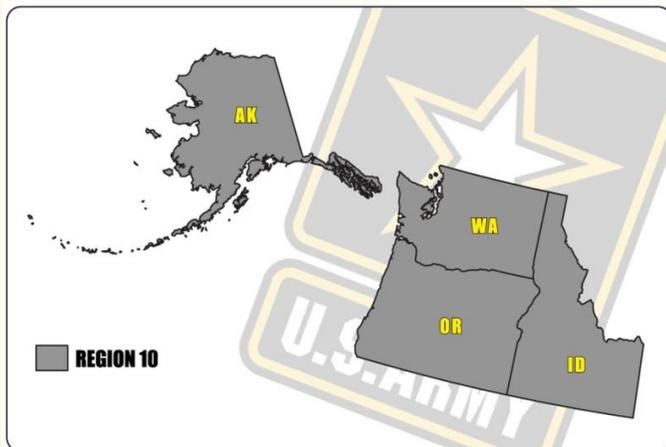


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Federal Facility Compliance and Enforcement

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.

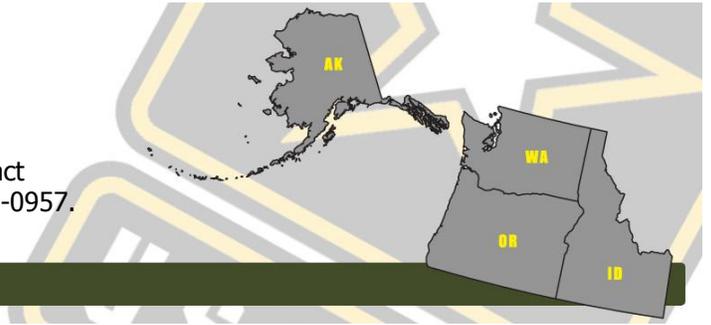
Climate Change: In some instances, EPA regional offices will inspect federal facilities in designated flood zones that manage hazardous waste, oil, and toxic chemicals and/or are dischargers of stormwater, to determine whether they are in compliance (with [EPA Regional Climate Change Plans](#)), and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

GOCO/GOPO: Focus on government owned/contractor operated and government owned/privately 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 10

For more information on any state issues in Region 10, contact [Park Haney](#), Region 10 Environmental Coordinator (303) 844-0957.



LEGISLATIVE DEVELOPMENTS

The [Alaska 2015 legislative session](#) begins 20 JAN 15 and adjourns 17 APR 15.



WATER

NEW IPDES PROGRAM AND RULES The Idaho Department of Environmental Quality (IDEQ), in accordance with [House Bill 406 \(2014\)](#), is seeking authority from EPA to implement the national pollutant discharge elimination system (NPDES) program. The new, state-administered program will be referred to as the Idaho Pollutant Discharge Elimination System (IPDES) program. To gain approval to implement the program, IDEQ must have rules in place that meet the requirements of the Clean Water Act and Title 40 Code of Federal Regulation (CFR) 123. The rules must establish procedures for writing and issuing IPDES permits, permit application and appeals, fee structures, developing general permits, and other required components of an NPDES program. In support of this initiative, IDEQ is proposing a [new state rule](#) titled *Rules Regulating the Idaho Pollutant Discharge Elimination System Program* that will be codified in the Idaho Administrative Procedures Act (IDAPA) 58.01.25. IDEQ is proposing that some of the rule language may incorporate by reference portions of 40 CFR 122, 124, 125 and 133 with respect to required NPDES program components such as technology based effluent limits, transfer and termination of permits, confidentiality, and other components identified as being applicable to state programs. A public meeting was held 2 DEC 14. For more information, contact [Mary Anne Nelson](#) at (208) 373-0291 or visit the [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

The [Idaho 2015 legislative session](#) begins 12 JAN 15 and is estimated to adjourn 3 APR 15.



AIR

GHG PERMIT RULES: TEMPORARY SUSPENSION The Oregon Environmental Quality Commission (OEQC) amended rules that [temporarily suspend](#) certain parts of Oregon's greenhouse gas (GHG) permitting requirements. The temporary

suspension will provide the Oregon Department of Environmental Quality (ODEQ) additional time to determine how to respond to a recent change to federal GHG permitting rules. The temporary rules will allow some facilities to avoid spending resources in 2014 to comply with Oregon's current requirements until OEQC considers permanent rules in 2015. The temporary rulemaking is effective 12 NOV 14 through 10 MAY 15. For more information, contact Meyer Goldstein at (503) 229-6478.

WATER

WATER QUALITY PERMIT FEE ODEQ [increased its water quality permit fees](#) by 2.9% above FY 2014 fees. The amendments increase NPDES, Water Pollution Control Facility (WPCF), and WPCF-onsite septic system permit fees. The amendments to Chapter 340 Oregon Administrative Rule (OAR) were effective 1 NOV 14. For more information, contact [Angela Parker](#) at (503) 229-6270.

LEGISLATIVE DEVELOPMENTS

The [Oregon 2015 legislative session](#) begins 2 FEB 15 and is estimated to adjourn 11 JUL 15.



AIR

BENTON CLEAN AIR AGENCY The [Benton Clean Air Agency](#) adopted [housekeeping amendments](#) to [Regulation 1](#). The amendments align sections and wording with Washington Administrative Code (WAC); consolidate rules for fugitive dust; update references; clarify statutory authority; and update the agricultural burning rule and fee changes. The final rule was effective 5 DEC 14. For more information, contact [Robin Priddy](#).

THREATENED AND ENDANGERED SPECIES

TUFTED PUFFIN The [Washington Department of Fish and Wildlife](#) (WDFW) [announced](#) it is considering adding the [tufted puffin](#) to the state endangered species list. The agency [is initiating the listing process](#) in accordance with WAC [232-12-297](#)(5.1.1). The department reviewed data pertaining to tufted puffins in Washington and found that the population has strongly declined in recent decades, both in numbers of birds present and in numbers of active breeding sites. The data indicates that if the current rate of decline continues, the species is at serious risk of extirpation in Washington over the next few decades. To participate in the decision to adopt a new rule, interested parties can contact [Nate Pamplin](#) at (360) 902-2515 by 17 DEC 14.

STELLER SEA LION WDFW announced that it is considering delisting the [Steller sea lion](#) from the state threatened species list ([WAC 232-12-011](#)). The department reviewed data pertaining to the population status of Steller sea lions in Washington and found that the species is no longer in decline or in risk of becoming endangered. Comments are due 17 DEC 14. For more information, contact [Nate Pamplin](#) at (360) 902-2515.

WATER

INDUSTRIAL STORMWATER GENERAL PERMIT The Washington Department of Ecology (WADOE) [reissued](#) its industrial stormwater NPDES and state waste discharge general permit (permit). Facilities covered under the existing permit that reapplied for permit coverage in 2014 will be covered under the new permit. New or unpermitted facilities may obtain coverage under the permit by submitting a complete permit application to WADOE and satisfying all applicable public notice and State Environmental Policy Act requirements. The reissued general permit makes changes to requirements

for monitoring discharges for total suspended solids (TSS), sampling requirements after “consistent attainment” has been achieved, requirements for “substantially identical outfalls,” level 3 corrective action, and noncompliance verification reports. The permit is effective 2 JAN 15. For more information, contact [Kimberly Adams](#) at (360) 407-6401 or visit WADOE’s [permit website](#).

WATER RIGHTS WADOE issued two water rights policy statements. The [policy statement](#) titled *Development Schedules for Water Right Changes and Transfers* describes how the department intends to apply the various sections of the law related to development schedules when approving applications for change or transfer to existing water rights. The [policy statement](#) titled *Evaluation of Changes or Transfers to Water Rights* describes how the department intends to apply the various sections of the law related to approving applications for change or transfer to existing water rights. For more information, contact [Mike Dexel](#) at (360) 407-7679.

LEGISLATIVE DEVELOPMENTS

The [Washington 2015 legislative session](#) begins 12 JAN 15 and estimated to adjourn 14 MAR 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 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 the visit [SO₂ website](#).

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 State Implementation Plans (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.

ALASKA SIP EPA is proposing to approve revisions to the Alaska SIP that update the State of Alaska's adoption by reference of federal preconstruction permitting regulations for large industrial (major source) facilities located in designated nonattainment areas, referred to as the Nonattainment New Source Review (major NNSR) program ([79 FR 65366](#)). The program is designed to ensure that major stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment and maintenance of NAAQS. Comments were due 4 DEC 14. For more information, contact [Donna Deneen](#) at (206) 553-6706.

ALASKA SIP: INFRASTRUCTURE REQUIREMENTS EPA approved the Alaska SIP as meeting specific infrastructure requirements for the 1997 and 2006 PM_{2.5} and the 2008 ozone NAAQS ([79 FR 66651](#)). The final rule was effective 10 DEC 14. For more information, contact [Kristin Hall](#) at (206) 553-6357.

WASHINGTON SIP: NONATTAINMENT NEW SOURCE REVIEW EPA approved revisions to the Washington SIP that update the preconstruction permitting regulations for large industrial (major source) facilities located in designated nonattainment areas (also referred to as the major nonattainment new source review or major NNSR) program ([79 FR 66291](#)). The revisions implement major NNSR for PM_{2.5}. The final rule was effective 8 DEC 14. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

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 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.

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.

PUGET SOUND THREE ROCKFISH DPS The National Marine Fisheries Service (NMFS) issued a final rule designating critical habitat for three DPS of Puget Sound/Georgia Basin rockfish (79 FR 68041). The DPS are yelloweye rockfish (*Sebastes ruberrimus*), canary rockfish (*S. pinniger*), and bocaccio (*S. paucispinus*). The final designation includes 590.4 square miles of nearshore habitat for canary rockfish and bocaccio and 414.1 square miles of deepwater habitat for yelloweye rockfish, canary rockfish, and bocaccio. Military installations that have integrated natural resource management plans (INRMPs) that also overlap with marine habitats occupied by listed rockfish include Joint Base Lewis-McChord, Manchester Fuel Department, Naval Air Station Whidbey Island, Naval Station Everett, and Naval Station Kitsap and associated properties. NMFS concluded that the areas identified within INRMPs are appropriate to exclude for critical habitat designation. The final rule is effective 11 FEB 15. For more information, contact Dan Tonnes at (206) 526-4643 or NOAA's [website](#).

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?

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Acronyms

| | |
|-------------------|---|
| ADEC | Alaska Department of Environmental Conservation |
| ADFG | Alaska Department of Fish and Game |
| ADNR | Alaska Department of Natural Resources |
| ACHP | Advisory Council on Historic Preservation |
| ACUB | Army Compatible Use Buffer |
| ATSDR | Agency for Toxic Substances and Disease Registry |
| 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 |
| CATEX | categorical exclusion |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CEQ | Council on Environmental Quality |
| CFR | Code of Federal Regulation |
| CH ₄ | methane |
| CNOR | candidate notice of review |
| CO ₂ | carbon dioxide |
| CO ₂ e | carbon dioxide equivalent |
| CrVI | hexavalent chromium |
| 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 |
| DPS | distinct population segment |
| EA | environmental assessment |
| ECF | emission comparable fuel |
| EIS | environmental impact statement |
| EO | Executive Order |
| EPA | Environmental Protection Agency |
| 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 |
| GHG | greenhouse gas |
| GRP | geographic response plan |
| GSA | General Service Administration |

| | |
|------------------|--|
| HCFC | hydrochlorofluorocarbon |
| HFC | hydrofluorocarbon |
| HFE | hydrofluorinated ethers |
| IDAPA | Idaho Administrative Procedures Act |
| IDEQ | Idaho Department of Environmental Quality |
| 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 |
| LOSS | large on-site sewage system |
| LT2 | long term 2 |
| MACT | maximum achievable control technology |
| 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 |
| 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 |
| NSPS | New Source Performance Standard |
| NSR | New Source Review |
| OAR | Oregon Administrative Rules |
| ODA | Oregon Department of Agriculture |
| ODEQ | Oregon Department of Environmental Quality |
| OEQC | Oregon Environmental Quality Commission |
| OIE | Office of Energy Initiatives |
| OMB | Office of Management and Budget |
| ORCR | Office of Resource Conservation and Recovery |
| 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 |
| RCRA | Resource Conservation and Recovery Act |
| REEO-W | Regional Environmental and Energy Office - Western |
| RoC | Report on Carcinogens |
| RoHS | European Union's Restriction of Hazardous Substances |
| RRP | Renovation, Repair, and Painting |
| SERDP | Strategic Environmental Research and Development Program |
| SI | spark-ignition |
| SIP | State Implementation Plan |
| SMP | Shoreline Management 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 |
| TAC | toxic air pollutant |
| 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 |
| WAC | Washington Administrative Code |
| WADOE | Washington Department of Ecology |
| WCI | Western Climate Initiative |
| WEFSEC | Washington Energy Facility Site Evaluation Council |
| WDC | Washington Department of Commerce |
| WDOH | Washington Department of Health |
| WGA | Western Governors' Association |
| WPCF | Water Pollution Control Facility |
| 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 10 *Western Review* distribution list, email [Nancy Reese](#).