



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

January 2015

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](#).

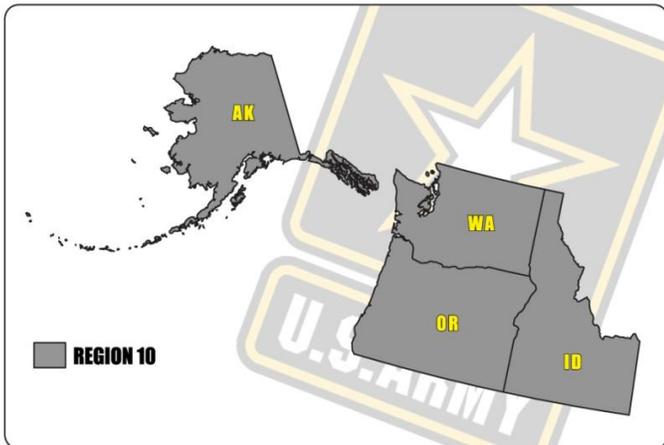


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CEQ Guidance for NEPA Reviews

The White House Council on Environmental Quality (CEQ) released two guidance documents for conducting reviews in accordance with the National Environmental Policy Act (NEPA).

The first document, an updated *Draft Guidance on Consideration of Greenhouse Gas Emissions and the Effects of Climate Change*, recommends that:

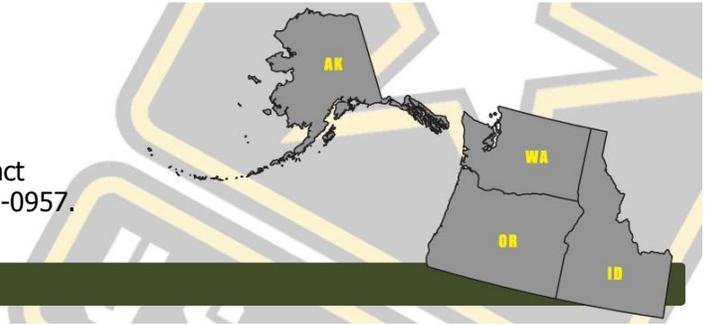
- Agencies quantify greenhouse gas (GHG) emissions related to a project's immediate activities and causally related to resulting activities when total emissions (are likely to) exceed 25,000 metric tons of carbon dioxide equivalent (CO₂e) annually.
- GHG emissions of alternatives should be quantified and compared. Agencies can incorporate by reference applicable agency emission targets and consider the impact of decisions on such targets.
- Mitigation measures should be adopted into an appropriate monitoring program.
- Projects with long lifetimes, such as infrastructure, should consider future potential conditions as identified by available climate change assessments.

The second document, *Final Guidance on Conducting Programmatic NEPA Reviews*, recommends that agencies consider the use of programmatic NEPA reviews, particularly for adopting official policy, formal plans for resource allocation, or a group of related projects or actions.

For more information about the updated GHG guidance, [click here](#). For more information about the final programmatic NEPA review guidance, [click here](#).

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.



AIR

AIR POLLUTION CONTROL RULES The Idaho Department of Environmental Quality (IDEQ) adopted final amendments to its rules for the control of air pollution in Idaho, Idaho Administrative Procedures Act (IDAPA) [58.01.01](#), pending approval by the 2015 Idaho Legislature. The rule will become effective immediately after adjournment of the legislative session unless it is rejected by the legislature. This rulemaking:

- Makes changes to state air pollution control rules and includes the changes in the Idaho State Implementation Plan (SIP). These changes include minor clarifications for the Facility Emissions Cap, Sulfur Content in Fuels Alternative, and Nonmetallic Mineral Processing Plants.
- Adds references for fine particulate matter (PM2.5) to all state rules. IDEQ treats PM2.5 as a criteria pollutant but has not yet updated all references to PM2.5 in the rules.
- Updates a deadline for reporting source tests. The deadline had proved to be impractical.

For more information, contact [Tiffany Floyd](#) at (208) 373-0440.

WASTE

NON-MUNICIPAL SOLID WASTE LANDFILLS IDEQ [extended the public comment period](#) on its [draft guidance](#) for non-municipal solid waste landfills (NMSWLFs) in the state. NMSWLFs fall into two general categories: construction and demolition waste landfills (C&D landfills) and industrial waste landfills. The draft guidance addresses siting criteria and restrictions, required design and construction elements and systems, and operating procedures (prohibitions, safety, and recordkeeping). The comment period was extended an additional two weeks, to 19 DEC 14. For more information, contact [Dean Ehlert](#) at (208) 373-0416.

RESTRICTED HAZARDOUS WASTE IDEQ [adopted a temporary and pending rule](#) that implements provisions of [Senate Bill \(SB\) 1260](#) (2014), which revised the definition of restricted hazardous waste. The rule governs the disposal of radioactive materials not regulated under the Atomic Energy Act. The temporary rule, effective 3 DEC 14, expires after adjournment of the 2015 Idaho legislative session. The pending rule becomes final after session adjournment, unless

rejected or modified by the legislature. The temporary and pending rule harmonizes the Idaho Code with existing federal statutes and regulations while providing a more concise definition of restricted hazardous waste (waste types prohibited from disposal in a commercial hazardous waste disposal facility located in Idaho). For more information, contact [John Brueck](#) at (208) 373-0458.

WATER

WATER QUALITY STANDARDS: MIXING ZONE POLICY IDEQ [adopted final updates](#) to its mixing zone policy, pending review by the 2015 Idaho Legislature. The rule will become effective immediately after adjournment of the legislative session unless it is rejected by the legislature. The updates are intended to reflect current procedures and tools used to appraise the biological, chemical, and physical properties of receiving waters and proposed discharges and to improve rule clarity. Mixing zones are granted to permitted National Pollutant Discharge Elimination System (NPDES) dischargers as a tool to meet applicable Clean Water Act (CWA) goals in a less costly manner. For more information, contact [Mary Anne Nelson](#) at (208) 373-0173.

LEGISLATIVE DEVELOPMENTS

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



AIR

VOLUNTARY EMISSIONS PROGRAM In response to [Senate Bill 844 \(2013\)](#), the Oregon Public Utility Commission (OPUC) adopted a [voluntary emissions reduction program](#). The final rule establishes a voluntary program intended to provide incentives for a utility furnishing natural gas to invest in projects that reduce emissions and provide benefits to the customers of that utility. The rulemaking establishes criteria for project eligibility, identifies components for project application, establishes a two-tiered process for OPUC review, and sets a rate cap for all projects authorized under the rule. The final rule, published 1 JAN 15, was effective 3 DEC 14. For more information, contact Diane Davis at (503) 378-4372.

LEGISLATIVE DEVELOPMENTS

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



NATURAL RESOURCES

STATE NOXIOUS WEED LIST The Washington Noxious Weed Control Board [adopted final amendments](#) that update the state noxious weed list and amend its bylaws found in [Chapter 16-750](#) Washington Administrative Code (WAC). The final amendments add one Class A noxious weed and three Class C noxious weeds; reclassify one Class A noxious weed; modify designations of nine Class B noxious weeds; update the scientific names of three noxious weeds; and extend officer terms. The final rule was effective 2 JAN 15. For more information, contact [Alison Halpern](#) at (360) 902-2053.

WASTE

DANGEROUS WASTE The Washington Department of Ecology (WADOE) [adopted amendments](#) to its [Dangerous Waste Regulations](#), Chapter 173-303 WAC. With this rulemaking, federal requirements and state-initiated rules were adopted. Significant rule changes include:

- A new rule simplifying waste management at university and college laboratories;
- Changes to import/export rules;
- Incorporating corrections to the Environmental Protection Agency (EPA) hazardous waste regulations;
- Adding requirements allowing facilities to use independent qualified registered engineers for regulatory certifications;
- Changes to financial assurance rules;
- Allowing the use of enforceable documents instead of post closure permits; and
- Updating the Chemical Test Methods Guidance ([publication #97-407](#)) related to designating halogenated organic compounds.

The [final rule](#) is effective 18 JAN 15. For more information, contact [Robert Rieck](#) at (360) 407-6751.

LEGISLATIVE DEVELOPMENTS

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

Department of Defense Activity

INSTRUCTIONS AND REGULATIONS

DoDI 7650.03: FOLLOW-UP ON AUDITS AND REPORTS Department of Defense Instruction (DoDI) 7650.03, titled [Follow-up on Government Accountability Office \(GAO\), Inspector General of the Department of Defense \(IG DoD\), and Internal Audit Reports](#), was issued 18 DEC 14. The DoDI updates established policy and assigned responsibilities for the follow-up on findings and recommendations of GAO, IG DoD, and other DoD internal audit organizations. The DoDI states it is DoD policy that:

- Managers within DoD components recognize, support, and use auditors as important elements of DoD management systems;
- Timely decisions and responsive actions will be taken and documented on audit findings and recommendations to reduce costs, manage risks, and improve management processes;
- Follow-up is an integral part of good management and is a responsibility shared by DoD managers and auditors;
- An effective, credible decision process will be maintained to resolve audit findings/recommendations, prevent preemptive actions, and document decisions; and
- Follow-up systems will provide for a complete record of action taken on findings and recommendations.

DEFENSE MATERIAL DISPOSITION DoD issued an interim final rule that prescribes uniform procedures for the disposition of DoD personal property and establishes the sequence of processes for disposition of personal property of DoD components ([79 FR 78143](#)). In this context, "personal property" is defined as all property except real property.

The interim final rule implements policy for reutilization, transfer, excess property screening, and issue of surplus property and foreign excess personal property; scrap generated from qualified recycling programs (QRPs); and non-QRP scrap. It also provides guidance for removing excess material through security assistance programs and foreign military sales. Comments are due 27 FEB 15. For more information, contact Randal Kendrick at (571) 372-5202.

RANGE ENCROACHMENT

GAO REPORT: FOREIGN ENCROACHMENT ON DOD TEST AND TRAINING RANGES GAO, directed to review encroachment on DoD training ranges, issued a report examining the extent to which DoD has conducted a risk assessment to identify the existence and extent of any threats of foreign encroachment (on domestic training ranges) ([GAO-15-149](#)). GAO also evaluated the extent to which DoD has obtained information needed on specific transactions to determine if they pose a threat. GAO found that DoD has not conducted a risk assessment that includes prioritizing test and training ranges based on mission criticality, determining their vulnerabilities to foreign encroachment, and assessing the degree to which foreign encroachment could pose a threat to the mission of the range. Foreign encroachment could include foreign entities acquiring assets, such as mines or energy projects, or otherwise conducting business transactions near test and training ranges. GAO recommends that DoD develop and implement guidance for conducting a risk assessment on foreign encroachment and collaborate with other federal agencies to obtain additional information on transactions near ranges. In written comments on a draft of the report, DoD concurred with both recommendations. For more information, contact [Brian Lepore](#) at (202) 512-4523.

Federal Activity

FALL 2014 UNIFIED REGULATORY AGENDA EPA released the [Fall 2014 Regulatory Plan](#) and the [Unified Agenda of Federal Regulatory and Deregulatory Actions \(79 FR 76771\)](#). The regulatory plan, published once a year as part of the fall edition of the agenda, identifies the most significant regulatory actions that federal agencies expect to take in the coming year. The regulatory agenda is updated twice yearly (spring and fall). The regulatory agenda is published online at [regulations.gov](#). EPA also maintains a [website](#) providing updates on planned EPA regulations.

AIR

OZONE NAAQS EPA is [proposing](#) to lower the primary national ambient air quality standard (NAAQS) for ozone to a range between 65 and 70 parts per billion (ppb) to protect human health ([79 FR 75233](#)). 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](#). In addition, EPA is proposing to make corresponding revisions in data handling conventions for ozone and conforming changes to the air quality index (AQI); to revise the prevention of significant deterioration (PSD) program regulations by adding a transitional provision for certain applications; and to propose schedules and convey information related to implementing any revised standards. Comments are due 17 MAR 15. For more information, contact [Susan Lyon Stone](#) at (919) 541-1146 or visit EPA's [ozone standards website](#).

REQUIREMENTS TO PROMULGATE HAP EMISSION STANDARDS COMPLETE EPA is proposing that it has completed requirements to promulgate emission standards for each of the hazardous air pollutants (HAP) identified in Clean Air Act (CAA) Section 112(c)(6) ([79 FR 74656](#)). The promulgated standards account for 90% or more of the aggregated emissions of each HAP. Comments are due 7 FEB 15. For more information, contact Nathan Topham at (919) 541-0483.

WASHINGTON SIP: TACOMA-PIERCE EPA is proposing to redesignate to attainment the entire Tacoma-Pierce County nonattainment area for the 2006 24-hour PM2.5 NAAQS ([79 FR 73525](#)). EPA is also proposing to approve the associated maintenance plan that provides for continued compliance of the 2006 24-hour PM2.5 NAAQS. Additionally, the EPA is proposing to approve the 2017 and 2026 motor vehicle emissions budgets included in Washington's maintenance plan for PM2.5 and nitrogen oxides (NOx). Comments are due 12 JAN 15. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

COMPLIANCE AND ENFORCEMENT

EPA FY 2014 ENFORCEMENT AND COMPLIANCE RESULTS EPA released [enforcement annual results](#) for fiscal year (FY) 2014, including the [Fiscal Year 2014 EPA Enforcement and Compliance Annual Results](#) document. For more information, visit EPA's [enforcement website](#) to view an [interactive case map](#) that shows information on concluded enforcement actions and cases from FY 2014, numbers at a glance, regional results, and more.

FEDERAL AGENCY HAZARDOUS WASTE COMPLIANCE DOCKET EPA released an update to the Federal Agency Hazardous Waste Compliance Docket ([79 FR 78850](#)). The docket is a list of federal facilities that manage hazardous waste or from which hazardous substances have been or may be released. The docket is updated every six months. Each federal facility that is added to the docket is required to complete a site evaluation to determine whether the facility should undergo further remedial studies. The update added 29 facilities to the docket and deleted 19 facilities.

ENERGY

FEDERAL BUILDING ENERGY METERING GUIDANCE The Department of Energy (DOE) [updated](#) its [federal building metering guidance](#). The updated document expands metering requirements to include natural gas, steam, and water; revises the definitions of appropriate and cost-effective for determining where to install meters; provides a recommended approach for prioritizing the installation of meters; and reiterates the requirement to incorporate metered data into agency data tracking systems. For more information, contact [Saralyn Bunch](#) at (202) 586-3267.

SUNZIA TRANSMISSION LINE The Bureau of Land Management (BLM) prepared an [Environmental Assessment](#) (EA) to determine whether newly identified mitigation measures for the proposed SunZia Southwest Transmission Line Project require BLM to prepare a supplement to the final Environmental Impact Statement (EIS) published June 2013 ([79 FR 70890](#)). Mitigation measures proposed by DoD would require the burial of three segments (approximately five miles) of the SunZia Southwest Transmission Line Project within the area identified as the "call up area" north of the White Sands Missile Range. BLM reached a preliminary finding of no new significant impact (FONNSI), as the analysis in the EA supports a conclusion that DoD's proposed mitigation is not a substantial change from the preferred alternative in the final EIS and that a supplement is not required.

OTHER

GAO REPORT: FAA PROGRESS REGULATING DRONE USE GAO conducted a review of Federal Aviation Administration (FAA) progress toward issuing regulations governing the use of unmanned aerial systems (UAS), commonly referred to as drones ([GAO-15-254T](#)). The FAA Modernization and Reform Act of 2012 put greater emphasis on the need to integrate UAS into the national airspace by requiring that FAA establish requirements governing them. FAA has developed a three-phased approach in its five-year roadmap to integrate UAS into the national airspace. FAA officials indicated that they intend to issue a notice of proposed rulemaking soon and to issue the final rule in late 2016 or early 2017. As of 4 DEC 14, FAA granted seven commercial exemptions to the filmmaking industry allowing small UAS operations. More than 140 applications for exemptions are pending approval. For more information, contact [Gerald Dillingham](#) at (202) 512-2834.

THREATENED AND ENDANGERED SPECIES

CANDIDATE NOTICE OF REVIEW The Fish and Wildlife Service (FWS) released its annual [candidate notice of review](#) (CNOR), a yearly status appraisal of native plant and animal species that are candidates for Endangered Species Act (ESA) protections ([79 FR 72499](#)). The CNOR recognizes 23 new candidates, changes the listing priority number for one candidate, and removes one species from candidate status. Combined with other decisions for individual species that were published separately from this CNOR in the past year, 146 species are candidates for listing. The notice also includes findings on resubmitted petitions and describes progress in revising the Lists of Endangered and Threatened Wildlife and Plants during the period 1 OCT 13 through 30 SEP 14. To view the full list of candidate species, [click here](#).

COASTAL CALIFORNIA GNATCATCHER AND MONARCH BUTTERFLY FWS is initiating status reviews for the coastal California gnatcatcher (*Polioptila californica californica*) and monarch butterfly (*Danaus plexippus plexippus*) ([79 FR 78775](#)). FWS is evaluating whether to delist the [coastal California gnatcatcher](#) and whether to list the [monarch butterfly](#). Information about monarch butterfly lifecycles and migration is available [here](#). Comments are due 2 MAR 15. For information about delisting the gnatcatcher, contact Mendel Stewart at (760) 431-9440. For information about listing the monarch butterfly, contact Tony Sullins at (612) 713-5334.

FISHER FWS extended the public comment period on its [October 2014](#) proposed rule to list the West Coast distinct population segment (DPS) of [fisher](#) (*Pekania pennanti*) as threatened ([79 FR 76950](#)). The DPS occurs in California and Oregon. Comments are due 4 FEB 15. For more information, contact Erin Williams at (530) 842-5763.

PINTO ABALONE The National Marine Fisheries Service (NMFS) determined that listing the [pinto abalone](#) (*Haliotis kamtschatkana*) is not warranted ([79 FR 77998](#)). The species will remain on the NMFS Species of Concern list, with one revision to apply the Species of Concern status throughout the species' range (Alaska to Mexico). The service also announced the availability of the [pinto abalone status review](#) report. The finding was made 29 DEC 14. For more information, contact Melissa Neuman at (562) 980-4115.

ARCTIC RINGED SEAL: CRITICAL HABITAT NMFS is proposing to designate critical habitat for the Arctic subspecies of [ringed seal](#) (*Phoca hispida hispida*) ([79 FR 73010](#)). The service is proposing to designate one specific area of marine habitat in the northern Bering, Chukchi, and Beaufort seas (i.e., habitat that contains sea ice features essential to the subspecies). In the United States, Arctic ringed seals occur in the Beaufort, Chukchi, and Bering seas off Alaska's coast, as far south as Bristol Bay in years of extensive ice coverage. The Arctic subspecies was listed as threatened in 2012. In addition, four public hearings on the proposed rule will be held in Alaska (Anchorage, Barrow, Kotzebue, and Nome), dates and times to be determined. Comments are due 3 MAR 15. For more information, contact Tamara Olson at (907) 271-5006.

REGULATORY AGENDA: SPECIES CONSERVATION The Department of Commerce published its semiannual regulatory agenda of regulations under development or review over the next 12 months ([79 FR 76681](#)). The Fall 2014 regulatory agenda includes regulatory activities the department expects to conduct during the period 1 OCT 14 through 30 SEP 15. The agenda shows the department intends to revise Hawaiian monk seal critical habitat, designate critical habitat for the Hawaiian insular false killer whale distinct population segment, designate critical habitat for the Arctic ringed seal, and revise the Hawaiian Islands Humpback Whale National Marine Sanctuary regulations. For more information, contact the department at (202) 482-3151.

TOXICS

TOXICOLOGICAL PROFILES The Agency for Toxic Substances and Disease Registry (ATSDR) released updated draft toxicological profiles for trichloroethylene, tetrachloroethylene, hydrogen sulfide/carbonyl sulfide and a new draft toxicological profile for the pesticide parathion ([79 FR 74093](#)). ATSDR is tasked to prepare toxicological profiles of priority hazardous substances commonly found at Superfund sites. Comments on the draft toxicological profiles are

due 16 MAR 15. For more information, contact Delores Grant at (770) 488-3351 or visit the ATSDR [Toxic Substances Portal](#).

COMMUNITY GUIDANCE: PATIENT DECONTAMINATION IN A MASS CHEMICAL EXPOSURE INCIDENT The Chemical Defense Program (CDP), under the Department of Homeland Security published a document titled [Patient Decontamination in a Mass Chemical Exposure Incident: National Planning Guidance for Communities \(79 FR 75826\)](#). The guidance is focused on external decontamination of living people exposed to toxic industrial chemicals, toxic industrial materials, or chemical warfare agents resulting from either an intentional or accidental release. It covers mass casualties, chemical release, external contamination, and decontamination of people (not animals, not inanimate objects, not facilities). For more information, contact [Mark Kirk](#) or view this [press release](#).

WASTE

FINAL COAL ASH DISPOSAL RULES In advance of publication in the Federal Register, EPA [released the text](#) of a final rule regulating coal combustion residuals (CCR), commonly referred to as coal ash, under the Resource Conservation and Recovery Act Subtitle D (RCRA-D). The final rule is intended to address risks from the disposal of CCR generated from the combustion of coal at electric utilities and independent power producers. It addresses leaking of contaminants into ground water, blowing of contaminants into the air as dust, and the catastrophic failure of coal ash surface impoundments. Additionally, the rule specifies recordkeeping and reporting requirements as well as a requirement for each facility to establish and post specific information to a publicly accessible website. The final rule does not address the placement of CCR in coal mines, does not regulate beneficial use of CCR, and does not apply to CCR from non-utility boilers burning coal or to municipal solid waste landfills that receive CCR for disposal or use as daily cover. For more information about the final rule, including the rule summary, history, and more [click here](#).

RECYCLING: EXCLUSION FROM HAZARDOUS WASTE RULES In advance of formal publication in the Federal Register, EPA published [text](#) of a final rule revising several recycling-related provisions associated with the definition of a solid waste. The revisions would allow certain materials that would otherwise need to be managed as a hazardous waste to be recycled, as long as certain conditions are met. Under the exclusion, a facility that recycles the newly excluded materials (rather than dispose of them as hazardous waste) must send the material to a "verified recycler" that has obtained a variance from EPA or the authorized state. The revisions also add requirements for storage of recyclable materials (meet a new definition of "contained"), recordkeeping, and emergency preparedness and response. The final rule will be effective 180 days after publication in the Federal Register. For more information, contact [Tracy Atagi](#) at (703) 208-8672.

WATER

GUIDELINES FOR WATER AND RELATED LAND RESOURCES IMPLEMENTATION STUDIES CEQ released final Interagency Guidelines on Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies ([79 FR 77460](#)). The guidelines are applicable to water resource projects conducted by the Departments of Interior, Agriculture, Commerce, EPA, the U.S. Army Corps of Engineers (USACE), Federal Emergency Management Agency, and the Tennessee Valley Authority. The guidelines modernize and lay the framework for how to determine the economic, environmental, and social impact from federal investments on water resources. For more information, contact Alexis Segal at (202) 395-5750.

DENTAL AMALGAM EPA extended the public comment period on its proposed rule to establish technology-based effluent limits for dental amalgam from dental practices to publicly owned treatment works (POTWs) ([79 FR 75772](#)). Comments are due 20 FEB 15. For more information, contact [Damon Highsmith](#) at (202) 566-2504.

NPDES ELECTRONIC REPORTING RULE EPA extended the public comment period on its proposed reporting rule that requires electronic reporting instead of paper-based reports under the National Pollutant Discharge Elimination System (NPDES) program ([79 FR 71066](#)). The proposed rule is intended to streamline reporting and recordkeeping, allowing

NPDES-authorized programs in states, tribes, and territories to shift resources from data management activities to solving issues. Comments are due 30 JAN 15. For more information, contact [Andrew Hudock](#) at (202) 564-6032.

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. Prior presentations are archived for viewing any time.

- 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).

***EPA TMDL AND NPDES PERMIT TRAINING** EPA developed three web-based training modules on topics related to TMDLs and NPDES permitting. The presentations are intended for TMDL developers and NPDES permitting staff to gain a better understanding of TMDL implementation through NPDES permits. Each module is offered as a recorded presentation that enables participants to review the material on demand in a self-paced environment. The modules are also available as unrecorded PowerPoint presentations with slides and scripts. Each recorded session is approximately 2 hours long.

- Module 1: Understanding TMDLs: A Primer for NPDES Permit Writers
- Module 2: Understanding Waste Load Allocation Implementation in Permits: A Primer for TMDL Developers
- Module 3: Understanding TMDLs with Stormwater Sources and the NPDES Stormwater Permitting Process

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](#).