



U.S. ARMY

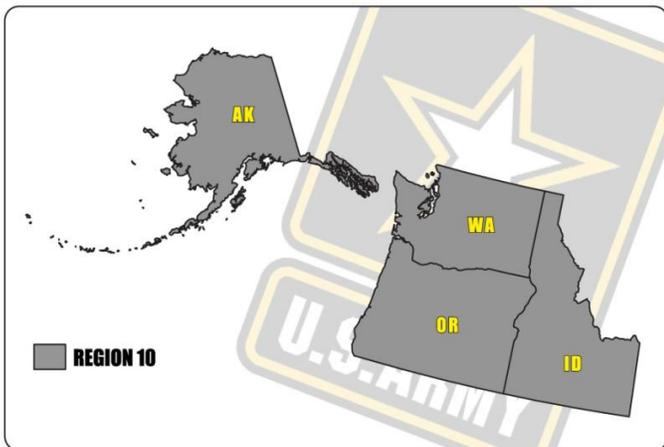
# Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

October 2014

The **WESTERN REGION 10 REVIEW** provides current information on natural resource, energy and environmental issues relevant to Department of Defense interests in the 4 states that comprise Federal Region 10. The Review is intended to be a tool useful to DoD and Army leaders, planners, and program managers in carrying out their responsibilities. The Western Region 10 Review monitors and targets proposed and final regulations and legislation that may affect Army or DoD operations. To receive a copy of this electronic publication, send an email request to [nancy.l.reese2.ctr@mail.mil](mailto:nancy.l.reese2.ctr@mail.mil).



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## EPA and OSHA Team Up for Compliance

The Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA) for Region 2 signed a compliance assistance memorandum of understanding (MOU) that allows each agency to serve as eyes and ears for the other agency on compliance inspections. According to the MOU, both agencies encourage cooperation and will render technical services to conduct and promote the coordination and acceleration of enforcement investigations, compliance assistance, and training.

While the MOU is limited to Region 2 in the northeastern U.S., it may signal a new trend of coordination between EPA and OSHA in other regions.

The MOU is intended to assist OSHA in undertaking special enforcement initiatives, such as OSHA's pilot [National Emphasis Program for Process Safety Management of Highly Hazardous Chemicals](#). It is also intended to assist EPA in enforcement of environmental requirements such as [Section 112\(r\)](#) of the Clean Air Act (CAA) and the [Emergency Planning and Community Right-to-Know Act \(EPCRA\)](#).

The MOU describes interagency coordination associated with inspections, referrals of violations and inspections, data exchange, training, compliance assistance/outreach, and litigation support. Among the details:

Inspections: One agency cannot conduct an inspection for the other agency, but they may conduct joint inspections, on a scheduled or ad-hoc basis.

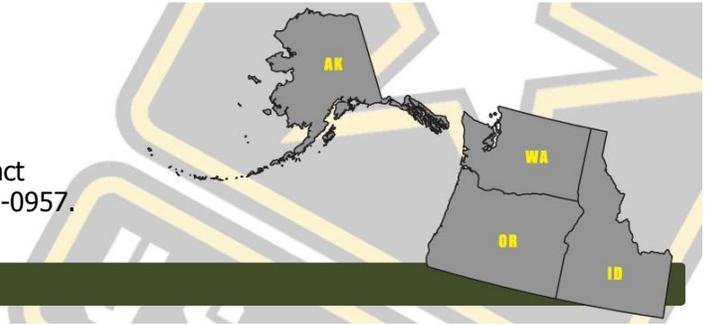
Referrals of Violations and Inspections: If one agency discovers a possible violation, it may make a referral to the other agency.

Data Sharing: EPA and OSHA may share information relating to potential inspection targets, complaints, inspections, violations, and other information to ensure coordinated law enforcement.

Litigation Support: The agencies intend to provide support for each others' litigation efforts.

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



## AIR

**AIR POLLUTION CONTROL RULES** The Idaho Department of Environmental Quality (IDEQ) [is proposing](#) amendments to its rules for the control of air pollution in Idaho, Idaho Administrative Procedures Act (IDAPA) [58.01.01](#). This rulemaking has three main objectives:

- Make changes to state air pollution control rules and include 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.
- Add 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.
- Update a deadline for reporting source tests. The deadline has proven to be impractical.

A public meeting was held 7 OCT 14. Comments were due the same day. For more information, contact [Tiffany Floyd](#) at (208) 373-0440.

## RADIOACTIVE MATERIALS

**RADIATION CONTROL RULES** The Idaho Department of Health and Welfare [is proposing](#) to update (repeal and replace) Idaho Administrative Rule [16.02.27](#) (Idaho Radiation Control Rule), Docket 16-0227-1402. The department intends to update the rule to include handheld x-ray devices and define the frequency of x-ray producing device registration periods. In addition, the department intends to propose fees to ensure continued participation of organizations operating x-ray producing devices and enhanced monitoring of exposure rates to operators and the public. Comments were due 24 SEP 14. For more information, contact [Katey Anderson](#) at (208) 334-2235.

## WATER

**WATER QUALITY STANDARDS: MIXING ZONE POLICY** IDEQ [is proposing](#) updates to its mixing zone policy. The updates are intended to reflect current procedures and tools used to appraise the biological, chemical, and physical properties

of the receiving water and the proposed discharge and 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. Comments were due 3 OCT 14. 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. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.



## ***AIR***

**TITLE V PERMIT FEE INCREASE** The Oregon Department of Environmental Quality (ODEQ) [adopted amendments](#) that increase Title V operating permit fees by the change in the consumer price index (CPI) as authorized by federal and state law. The rulemaking increases fees for invoice year 2014 by 1.7% based on the September 2013 CPI. The CPI increase will be applied to permit fees on invoices issued for the operating period 15 NOV 14 to 14 NOV 15. The final rule was published 1 OCT 14.

## ***ENERGY***

**VOLUNTARY EMISSIONS REDUCTIONS PROGRAM** The Oregon Public Utilities Commission [is proposing](#) to establish a voluntary emission reduction program to provide incentive for a utility furnishing natural gas to invest in projects that reduce emissions and provide benefits to the customers of that utility. The rulemaking implements [Senate Bill 844](#) (2013). A public hearing was held 23 SEP 14. Comments were due 7 OCT 14. For more information, contact Diane Davis at (503) 378-4372.

**SOLAR PILOT PROGRAM** The Oregon Public Utilities Commission [is proposing](#) updates to the [Solar Pilot Program](#). The proposed amendments add 2.5 megawatts (MW) to the total capacity available statewide (bringing the total to 27.5 MW), extend the enrollment termination date another year to 31 MAR 16, and allow the commission to adopt and adjust, without rulemaking, the percentage goal for capacity deployed by residential and small commercial qualifying systems. Comments were due 25 SEP 14. For more information, contact Diane Davis at (503) 378-4372.

## ***NATURAL RESOURCES***

**SALMON HABITAT** The Oregon Department of State Lands [is proposing](#) to adopt revised Essential Indigenous Anadromous Salmonid Habitat (ESH) maps based on current data and standards. This update resulted in the addition of new stream reaches and deletion of others. There was a net increase of 500 stream miles (approximately 3%) over the current 2010 ESH designation. The proposed rulemaking amends Oregon Administrative Rules (OAR) 141-102-0020 and 141-102-0030. Comments are due 28 NOV 14. For more information, contact Tiana Teeters at (503) 986-5239.

## ***WATER***

**WATER SUPPLY DURING DROUGHT EMERGENCY** The Oregon Water Resources Department [is proposing](#) to authorize the Oregon Water Resources Commission to grant a preference for the use of water for stock watering and human consumption in Klamath County during a governor declared drought emergency in the county. Without the preference, the use of water for human consumption and stock watering would be subject to regulation, and as a result, water

that would otherwise be used to meet these needs would not be available. Comments were due 19 SEP 14. For more information, contact Cindy Smith at (503) 986-0876.

**WATER QUALITY RULES** ODEQ is proposing new and amended water quality standards for ammonia. The rulemaking, which amends OAR Chapter 340 Division 41, would:

- Adopt EPA's 2013 national recommendations for freshwater ammonia criteria.
- Likely address EPA's 31 JAN 13 EPA disapproval of Oregon's ammonia criteria that the Oregon Environmental Quality Commission adopted in 2004.
- Correct an error in the stated applicability of the basin-specific pH standard for the main stem Snake River.
- Amend the Umatilla Basin-specific standards and uses and remove a term from the definitions section to be consistent with EPA's partial disapproval of ODEQ's site-specific criteria and use designations for the West Division Main Canal.
- Incorporate "plain language" clarification to the amended rules to be consistent with Administrative Procedures Act requirements.

A public hearing was held 15 OCT 14. Comments are due 30 OCT 14. For more information, contact Andrea Matzke at (503) 229-5384.

## **LEGISLATIVE DEVELOPMENTS**

The [Oregon 2015 legislative session](#) begins 2 FEB 15 and is estimated to adjourn 11 JUL 15. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.



## **AIR**

**NORTHWEST CLEAN AIR AGENCY: INCORPORATION BY REFERENCE, FEES** The Northwest Clean Air Agency [adopted amendments](#) that adopt by reference the most recent version of federal air rules (Title 40 Code of Federal Regulation (CFR) Parts 50, portions of Parts 60, 63, and Part 65). The amendments also revise how fees are set for the outdoor burning, agricultural burning, and asbestos programs. In addition, the amendments align written rules for these and the fugitive dust program with current practice and make clarifying changes. The final rules were effective 12 OCT 14. For more information, contact [Mark Buford](#).

**SPOKANE CLEAN AIR AGENCY: SOLID FUEL BURNING DEVICES** The Spokane Regional Clean Air Agency [adopted revisions](#) to emission standards, certification standards and procedures, curtailment rules and fuel restrictions for solid fuel burning devices. The amendments are designed to reduce harmful wood smoke emissions and maintain compliance with the PM2.5 national ambient air quality standard (NAAQS). The final rule revises [Regulation I, Article VIII](#) (Solid Fuel Burning Device Standards), effective 2 SEP 14. For more information, contact [Mark Rowe](#).

**SPOKANE CLEAN AIR AGENCY: VARIANCES** The Spokane Regional Clean Air Agency [adopted revisions](#) that clarify requirements to obtain a variance from agency air rules. The rulemaking clarifies that for variances that require Washington Department of Ecology (WADOE) approval, WADOE's approval is required before the agency will begin processing the request. The rulemaking also specifies information required for a variance request, timelines for processing the request, and describes fees. The final rule was adopted 4 SEP 14. For more information, contact Matt Holmquist at (509) 477-4727.

## **ENERGY**

**ELECTRIC GENERATION AND TRANSMISSION FACILITIES: RENEWABLE ENERGY** The Washington Utilities and Transportation Commission [is proposing](#) amendments to [Chapter 480-109](#) Washington Administrative Code (WAC). In November 2006, voters approved [an initiative](#) that required large utilities to acquire all cost-effective energy conservation beginning in 2010 and to serve a minimum portion of their electricity load with renewable resources beginning in 2012. The amendments update the procedures investor owned utilities must follow to demonstrate compliance with these requirements (or with alternative compliance mechanisms). The regulations also retain penalty provisions, as well as update reporting and public notification requirements. Comments were due 6 OCT 14. A public hearing is scheduled for 5 NOV 14. For more information, contact the [commission](#) at (360) 664-1174.

**INTERPRETIVE STATEMENT: THIRD-PARTY OWNERS OF NET METERING FACILITIES** The Washington Utilities and Transportation Commission [issued](#) an [interpretive statement](#) in which it discusses its jurisdiction to regulate third-party owners of net metering facilities as public service companies and consumer protection issues surrounding such business relationships. The commission concluded that determination of whether or not a third-party owner of net metering facilities is subject to commission jurisdiction is substantially a fact-dependent determination. The commission recommended that the legislature clarify the commission's jurisdiction to regulate third-party owners of net metering facilities. For more information, contact the [commission](#) at (360) 664-1160.

## **WATER**

**WATER QUALITY: UPPER YAKIMA RIVER** The Washington Department of Ecology [is inviting public comment](#) on a draft water quality improvement plan to reduce temperatures in certain portions of upper Yakima River tributaries. The [improvement plan](#) describes sources of warm water pollution in a water body and how much heat the waters can accept and remain healthy. Comments are due 22 OCT 14. For more information, contact [Jane Creech](#).

## **LEGISLATIVE DEVELOPMENTS**

The [Washington 2015 legislative session](#) begins 12 JAN 15 and is estimated to adjourn 14 MAR 15. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.

# **Department of Defense Activity**

## **DIRECTIVES AND INSTRUCTIONS**

**AIR FORCE ENCROACHMENT MANAGEMENT** The Air Force issued [Air Force Instruction \(AFI\) 90-2001](#) (Encroachment Management), effective 3 SEP 14. AFI 90-2001 defines encroachment management roles and responsibilities at all levels of the Air Force. It requires the establishment of installation encroachment management teams and the development of Installation Complex Encroachment Management Action Plans (ICEMAPs).

## **CLEANUP**

**STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM** DoD's Strategic Environmental Research and Development Program (SERDP) committee met 11 SEP 14 to review new start research and development projects requesting SERDP funds ([79 FR 51980](#)). SDERP reviewed these projects:

- Developing and Validating Genetic Catabolic Probes to Quantitatively Assess Monitored Natural Attenuation of 1,4-Dioxane (FY15 Follow-On);

- Estimating Mobile-Immobile Mass Transfer Parameters using Direct Push Tools (FY15 New Start);
- Biogeochemical Processes that Control Natural Attenuation of Trichloroethylene in Low Permeability Zones (FY15 New Start);
- Biologically Mediated Abiotic Degradation of Chlorinated Ethenes: A New Conceptual Framework (FY15 New Start);
- A Field Method to Quantify Chlorinated Solvent Diffusion, Sorption, Abiotic and Biotic Degradation in Low Permeability Zones (FY14 New Start).

For more information, contact Anne Andrews at (571) 372-6565 or visit the [SERDP website](#).

**PUEBLO CHEMICAL DEPOT CEREMONY MARKS START OF WEAPONS DESTRUCTION** Officials at Pueblo Chemical Depot held a ceremony in early September to mark the beginning of a [five-year effort](#) to destroy 780,000 mustard gas shells at the central Colorado facility. The ceremony follows several decades of planning and testing equipment to render the weapons harmless. The depot's main plant began testing in 2010 to ensure the automated system that relies on robots works properly, [reported](#) the Colorado Springs Gazette. "For more than 25 years, the citizens of Pueblo have waited for the day when we could say the chemical weapons at the depot are being destroyed," said Irene Kornelly, who heads the depot's citizen's advisory committee. The depot is scheduled to begin destroying its stockpile, which represents most of the nation's remaining chemical weapons, in the fall of 2014 and finish in 2019. The \$3.5 billion destruction program employs nearly 1,000 workers, according to the Gazette.

## ***ENERGY***

**FORT CARSON ENERGY RESEARCH PROJECT** In an attempt to achieve Net Zero Energy goals, Fort Carson partnered with the General Services Administration (GSA) on the Fort Carson Energy Research Project. For the project, a research team tested and analyzed strategies to minimize energy use, including both improving building systems and influencing occupant behavior. The Fort Carson project targeted six different Army building types and four areas of opportunity for the buildings to achieve energy efficiency breakthroughs. Three of these opportunities – thermal envelope optimization, daylighting and lighting system performance, and retrofit optimization – involved improving building systems, and the fourth targeted the impact of building occupant behavior on energy performance. The first three studies were conducted by the National Renewable Energy Laboratory ([NREL](#)), while the latter was conducted by the Pacific Northwest National Laboratory ([PNNL](#)). As a whole, the research project demonstrated effective ways in which not only Fort Carson, but federal agencies and other building owners and operators can drive down their energy use and thereby save money and achieve ambitious energy and climate change goals. For more information, visit the [Fort Carson Energy Research Project website](#), view the project [executive summary](#), or download the [full report](#).

## ***FACILITIES***

**GAO REPORT: JOINT BASING** DoD's joint basing initiative, which consolidated 26 installations into 12 joint bases, was intended to generate cost savings through economies of scale and by optimizing service contracts and paring unnecessary management personnel. In 2005, DoD estimated this effort would result in cost savings of \$2.3 billion but in 2009 reduced this estimate to \$273 million. In 2014, the General Accountability Office (GAO) assessed DoD's progress in consolidating common services across joint bases and issued a report ([GAO-14-577](#)). The report addresses the extent to which installations reported consolidating installation-support functions and meeting joint basing goals to achieve efficiencies and cost savings. Overall, the joint bases reported partially consolidating 80% of their installation-support functions, but the extent of consolidation varied across the bases and among the various functions. None of the joint bases reported consolidating all functions. GAO found that the least consolidated functions were military service-specific or mission-specific, such as small-arms range management and port services. In addition, joint base officials reported several challenges resulting from consolidation, such as multiple inspections and employees being potentially disadvantaged in competing for promotion opportunities due to military service-specific personnel policies. GAO recommended that Congress should consider directing DoD to evaluate joint basing goals, provide direction on requirements to meet the goals, and determine the next steps for joint basing.

**FACILITY UTILIZATION** GAO issued a report addressing defense infrastructure ([GAO-14-538](#)). The report indicated that facility utilization data continues to be incomplete and inaccurate, and that the Office of the Secretary of Defense (OSD) does not have a strategic plan, with goals and metrics, to manage DoD's real property efficiently and facilitate identifying opportunities for consolidating unutilized or underutilized facilities. GAO recommends that OSD establish a strategic plan to identify unutilized and underutilized facilities. Goals could focus on correcting inaccurate and incomplete facility utilization data to provide better visibility for consolidating unutilized or underutilized facilities. For more information, contact [Brian Lepore](#) at (202) 512-4523.

## **HAZMAT**

**PCB DISPOSAL** EPA approved a request by the Defense Logistics Agency (DLA) to import polychlorinated biphenyls (PCBs) that DoD currently owns in Japan for disposal in the United States ([79 FR 58266](#)). The final rule was effective 1 OCT 14. For more information, contact [William Noggle](#) at (703) 347-8769.

# Federal Activity

## **AIR**

**AIRCRAFT CO<sub>2</sub> EMISSIONS** EPA is [moving forward](#) with a rulemaking process to potentially regulate greenhouse gas (GHG) emissions, specifically carbon dioxide (CO<sub>2</sub>) from aircraft. The agency is taking this action in response to two developments. The first is a petition filed in 2007 that requested EPA make an "endangerment finding" for aircraft GHGs and regulate these emissions under the CAA. A subsequent lawsuit was filed in 2010, and the D.C. District Court in 2012 ruled that the CAA requires EPA to make a final determination on whether aircraft GHG emissions cause or contribute to air pollution, which may reasonably be anticipated to endanger public health or welfare. The second development concerns international standards for aircraft GHG emissions. EPA anticipates that the [Committee on Aviation Environmental Protection](#) (CAEP) will adopt an aircraft CO<sub>2</sub> emissions standard in February 2016. Before EPA can adopt standards equivalent to CAEP standards, it must first propose and then finalize an endangerment finding for aircraft GHG emissions. If the endangerment finding is made and finalized, EPA is obligated under the CAA to set GHG emission standards for aircraft. Under EPA's current schedule, it would propose endangerment and cause/contribute findings and domestically release an advance notice of public rulemaking in late April 2015. EPA anticipates it will take approximately another year to finalize the findings.

**SUPPORTING DOCUMENTS: OZONE NAAQS** EPA released three final documents supporting the review of ozone NAAQS titled *Policy Assessment for the Review of the Ozone NAAQS, Health Risk and Exposure Assessment for Ozone, and Welfare Risk and Exposure Assessment of Ozone* ([79 FR 53192](#)). The documents were prepared for the ongoing review of the primary (health-based) and secondary (welfare-based) NAAQS for ozone. For more information, contact [Susan Stone](#) at (919) 541-1146 or visit the [ozone standards website](#).

**AMBIENT MONITORING QUALITY ASSURANCE** EPA is proposing revisions to ambient air monitoring requirements for criteria pollutants ([79 FR 54355](#)). The revisions are intended to provide clarifications to existing requirements to reduce the compliance burden for monitoring agencies operating ambient networks. The proposal focuses on reorganizing and clarifying quality assurance requirements, simplifying and reducing data reporting and certification requirements, clarifying the annual monitoring network plan public notice requirements, revising certain network design criteria for nonsource lead monitoring, and addressing other issues in the 40 CFR Part 58 (Ambient Air Quality Surveillance Requirements). Comments are due 10 NOV 14. For more information, contact [Lewis Weinstock](#) at (919) 541-3661.

**GAO REPORT: RETIREMENTS OF COAL-FUELED GENERATING PLANTS** GAO issued a report on how power companies are responding to EPA regulations affecting coal-fueled electricity generating units ([GAO-14-672](#)). GAO found that power companies now plan to retire a greater percentage of coal-fueled generating capacity and retrofit less capacity with environmental controls than estimated in 2012. Regulations affecting coal-fueled electricity generating units include the Cross-State Air Pollution Rule, Mercury and Air Toxics Standards, Cooling Water Intake Structures regulation, Disposal of Coal Combustion Residuals regulation, and the June 2014 (proposed) green power plan to reduce CO<sub>2</sub> power plant emissions.

**WESTERN STATES: NO<sub>2</sub> PROPOSED CONSENT DECREE** EPA is soliciting public comment on a [proposed consent decree](#) that would require the agency to make findings that 11 western states have failed to submit required SIPs to meet the 2010 nitrogen dioxide (NO<sub>2</sub>) NAAQS ([79 FR 55477](#)). Under the terms of the decree, EPA would be required to determine by 15 NOV 15 that Alaska, Colorado, Hawaii, Idaho, New Mexico, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming failed to make required SIP submittals. Comments are due 16 OCT 14. For more information, contact [Susmita Dubey](#) at (202) 564-5577.

**ALASKA SIP** EPA is approving revisions to the Alaska SIP that reflect changes to NAAQS, area designations, and federal permitting requirements ([79 FR 56268](#)). In addition, EPA is approving revisions and clarifications to Alaska permitting rules. Lastly, EPA is deferring action on certain portions of proposed revisions, including those that adopt by reference updates to the federal nonattainment major new source review requirements, because those revisions will be addressed in separate actions. The final rule is effective 20 OCT 14. For more information, contact [Donna Deneen](#) at (206) 553-6706.

## **ENERGY**

**ANNUAL ENERGY DATA AND SUSTAINABILITY PERFORMANCE** The Federal Energy Management Program collated annual energy data and sustainability performance. The [website](#) offers complete annual data sets of agency aggregated annual energy and water consumption and costs by end-use sector, efficiency investment information, and progress toward key goals outlined in the National Energy Conservation Policy Act, as amended; Energy Policy Act of 2005 (EPA 2005); and Executive Order 13514. Historical data tables of agency energy use and costs by facility and mobility sectors by energy type are also available for FY 1975 through FY 2013. Detailed annual comprehensive GHG inventories by federal agency are presented along with progress toward achieving scope 1, 2, and 3 GHG reduction targets. The data tables may also be filtered by numerous variables (agency, year, sector) and are exportable to Excel.

**FEDERAL BUILDING ENERGY BENCHMARKING GUIDANCE** The Department of Energy (DOE) posted [updated guidance](#) for energy and water efficiency measures in federal buildings. The guidance:

- Clarifies the criteria for "metered building;"
- Designates EPA's Energy Star Portfolio Manager as the sole benchmarking tool for federal agencies to use in fulfilling the benchmarking requirements; and
- Reiterates the criteria and process for requesting non-disclosure of building performance for national security reason.

DOE determined that the statutory requirement (section 432 of the Energy Independence and Security Act of 2007, or EISA 2007) and [Presidential Memorandum](#) directives apply to each individual building that is outfitted with a meter under [42 U.S.C. § 8253\(e\)1](#) and that is (or is a part of) a "covered facility." These may be buildings that are stand-alone and separately billed, or multiple buildings that are separately metered on federal campuses or installations. Metered buildings that are not (or are not part of) EISA "covered facilities" are not required to be benchmarked, but agencies are encouraged to benchmark and disclose the performance data of these buildings as well.

**SUNSHOT PRIZE: BROADENING THE SCOPE** DOE suspended competition rules for its [SunShot Prize: Race to the Rooftop](#) in order to broaden the scope of participation and better align competition rules with SunShot goals, given that the U.S. solar market has already realized 60% of the SunShot price targets for 2020 (\$1/watt plug in price). The

competition offered prizes aimed to spur low-cost rooftop solar installation across the U.S. The competition was suspended effective 20 SEP 14. For more information, contact [Elaine Ulrich](#) at (202) 287-1862.

**BUILDING ENERGY STANDARDS** DOE determined that the 2013 edition of the ANSI/ASHRAE/IES *Standard 90.1: Energy Standard for Buildings, Except Low-Rise Residential Buildings* would improve energy efficiency in buildings compared to the 2010 edition of Standard 90.1 (79 FR 57900). Consequently, states will be required by 26 SEP 16 to certify that they have reviewed the energy efficiency provisions of their commercial building codes and updated their codes to meet or exceed Standard 90.1-2013. DOE estimates this change will result in national source energy savings of approximately 8.5% and site energy savings of approximately 7.6% of commercial building energy consumption. Separately, DOE made a preliminary determination that the 2015 edition of the International Energy Conservation Code (IECC) would improve energy efficiency in buildings subject to the code compared to the 2012 edition. If this determination were finalized, states would be required to certify they have reviewed the provisions of their residential building code regarding energy efficiency, and made a determination as to whether to update their code to meet or exceed the 2015 IECC. DOE estimates this change would result in national source energy savings of approximately 1.03%. For more information, contact [Jeremiah Williams](#) at (202) 287-1941.

**GSA REVIEW OF LEED V4 GREEN BUILDING CERTIFICATION** GSA posted a [draft review](#) of the Leadership in Energy and Environmental Design Version 4 (LEED v4) green building certification system that was published in November 2013. LEED v4 offers prerequisites and credits that support an integrative approach to building design, construction, operations, and maintenance. However, taken collectively, these credits are related to but do not fully align with all aspects of federal requirements. The report assessed how well LEED v4 aligned with:

- [EPAct 2005](#);
- [Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings](#);
- [EISA 2007](#);
- [EO 13423](#) (Strengthening Federal Environmental, Energy, and Transportation Management);
- [EO 13514](#) (Federal Leadership in Environmental, Energy, and Economic Performance);
- [EO 13653](#) (Preparing the United States for the Impacts of Climate Change);
- [Presidential Memorandum on Federal Leadership in Energy Management](#) and;
- Other federal requirements established by statute, regulation, and EO.

For more information, contact [Bryan Steverson](#) at (202) 501-6115.

## **HAZMAT**

**EMERGENCY RESPONSE GUIDEBOOK** The Pipeline and Hazardous Materials Safety Administration (PHMSA) is accepting input on ways to improve the Emergency Response Guidebook (ERG) as it develops the 2016 version (ERG2016) (79 FR 52106). The ERG is for use by emergency services personnel to provide guidance for initial response to hazardous materials incidents. Since 1980, it has been the goal of PHMSA that all public emergency response vehicles (e.g., fire-fighting, police, and rescue squads) have immediate access to the ERG. In addition to this notice, PHMSA will publicize its interest in receiving input on the ERG2016 through future announcements to emergency responder associations, during training and education seminars, and during activities with state and local government agencies. No specific due date for comments has been imposed. For more information, contact [Suzette Paes](#) at (202) 366-4900.

**REVERSE LOGISTICS** PHMSA extended the public comment on its [11 AUG 14 proposed reverse logistics rule](#) (79 FR 57494). The proposed rule would define "reverse logistics" for HAZMAT returned to or between a vendor, distributor, or manufacturer for credit, replacement, or similar reason. The rule would also provide an exception for materials transported in a manner that meets the definition of reverse logistics. The proposed exception rule identifies HAZMAT authorized, packaging, hazard communication, and training requirements applicable to reverse logistics shipments. In addition to providing a new reverse logistics exception, the rulemaking also proposes to expand an existing exception

for reverse logistics shipments of used automobile batteries that are being shipped from a retail facility to a recycling center. Comments are due 10 NOV 14. For more information, contact Steven Andrews at (202) 366-8553.

**TOXIC RELEASE INVENTORY REPORTING** EPA added a nonylphenol category to the list of toxic chemicals subject to reporting under EPCRA Section 313 and section 6607 of the Pollution Prevention Act (PPA) of 1990 (79 FR 58686). Nonylphenol is used in lubricating oils, detergents, and emulsifiers, as a protectant in polymers (e.g., rubber, vinyl, polyolefins and polystyrenics), and as a stabilizer in plastic food packaging. Nonylphenol is classified as endocrine disruptor. The final rule was effective 20 SEP 14 and applies for the reporting year beginning 1 JAN 15. For more information, contact Daniel Bushman at (202) 566-0743.

## ***NOISE***

**CIVILIAN AIRCRAFT NOISE SURVEY** The Federal Aviation Administration (FAA) is requesting approval to conduct a "Neighborhood Environmental Survey" of households surrounding civilian airports (79 FR 54774). The survey is intended to gauge homeowner annoyance levels to aircraft noise and to inform the administration's national aviation noise policy. Comments are due 14 OCT 14. For more information, contact Kathy DePaepe at (405) 954-9362.

## ***THREATENED AND ENDANGERED SPECIES***

**SAGE-GROUSE** Western Governors are concerned that federal coordination with states in the planning process for greater sage-grouse is inadequate. Colorado Governor John Hickenlooper, on behalf of the Western Governors' Association, sent a letter to the heads of the Bureau of Land Management (BLM) and Forest Service expressing disappointment with the level of planning and coordination between federal agencies and the states and urging more meaningful consultation on BLM and Forest Service greater sage-grouse planning efforts.

**VOLUNTARY PRELISTING CONSERVATION ACTION POLICY** The Fish and Wildlife Service (FWS) extended the public comment period on a draft policy crediting voluntary conservation actions taken for species prior to their listing under the Endangered Species Act (ESA) (79 FR 56602). Under the proposed policy, landowners could obtain credits for current efforts that benefit declining species. These conservation credits could later be redeemed to offset or mitigate actions that are detrimental to a species that was subsequently listed under the act. The credits may also be traded or sold to a third party. The comment period is extended to 6 NOV 14. For more information, contact Jim Serfis at (703) 358-2171 or view this news release.

**CANADA LYNX** FWS designated revised critical habitat for the contiguous United States distinct population segment (DPS) of the Canada lynx (*Lynx canadensis*) and revised the boundary of the Canada lynx DPS (79 FR 54781). The final rule designates 38,954 square miles of critical habitat in Idaho, Maine, Minnesota, Montana, Washington, and Wyoming and extends ESA protections to the species wherever it occurs in the contiguous United States, including New Mexico. The effect of this regulation is to conserve the lynx and its habitats in the contiguous United States. The final rule is effective 14 OCT 14. For more information, contact Jodi Bush at (406) 449-5225. The rule was effective on 14 OCT 14.

**ADDITIONS TO THE LIST OF ENDANGERED AND THREATENED WILDLIFE** FWS amended the List of Endangered and Threatened Wildlife by adding five species of foreign sturgeon, four DPS of scalloped hammerhead shark (*Sphyrna lewini*), and a nonessential experimental population (NEP) of Upper Columbia River spring-run Chinook salmon (*Oncorhynchus tshawytscha*) (79 FR 52579). The amendments are based on previously published determinations by the National Marine Fisheries Service (NMFS), which has jurisdiction for these species. The scalloped hammerhead shark DPS listings was effective 2 SEP 14 and the designation of a NEP of Upper Columbia River spring-run Chinook salmon was effective 11 AUG 14. For more information, contact Douglas Krofta at (703) 358-2171.

**OREGON SPOTTED FROG: CRITICAL HABITAT** FWS reopened the public comment period on its [August 2013](#) and [June 2014](#) proposals to designate critical habitat for the [Oregon spotted frog \(\*Rana pretiosa\*\) \(79 FR 53384\)](#). The public comment period was extended to 23 SEP 14. For more information, contact Thomas McDowell at (360) 753-9440.

**BULL TROUT DRAFT RECOVERY PLAN** FWS announced the availability of a [Revised Draft Recovery Plan for the Coterminous U.S. Population of Bull Trout \(79 FR 52741\)](#). The revised draft recovery plan includes specific goals, objectives, and criteria that should be met to delist the species. In November 1999, all populations of bull trout within the coterminous U.S. were listed as a threatened species. The final listing added bull trout in the Coastal-Puget Sound populations (Olympic Peninsula and Puget Sound regions) and Saint Mary-Belly River populations (east of the Continental divide in Montana) to the previous listing of three distinct population segments of bull trout in the Columbia River, Klamath River, and Jarbidge River basins. Comments are due 3 DEC 14. For more information, contact Michael Carrier at (208) 378-5243.

**FIVE-YEAR STATUS REVIEW: SOUTHERN RIGHT WHALE AND SPERM WHALE** NMFS is conducting a five-year status review of the [southern right whale \(\*Eubalaena australis\*\)](#) and [sperm whale \(\*Physeter macrocephalus\*\) \(79 FR 53171\)](#). The service is requesting information that has become available since the last review (2007 and 2009, respectively). The southern right whale occurs throughout the southern hemisphere from temperate to polar latitudes (20° and 60° S latitude). Sperm whales are found throughout the world's oceans in deep waters between about 60° N and 60° S latitudes. For management purposes, sperm whales inhabiting U.S. waters have been divided into five stocks: California-Oregon-Washington stock, North Pacific (Alaska) stock, Hawaiian stock, Northern Gulf of Mexico stock, and North Atlantic stock. Comments are due 7 NOV 14. For more information, contact Therese Conant at (301) 427-8456.

## ***POLLUTION PREVENTION***

**INSPECTOR GENERAL REVIEWS EPA POLLUTION PREVENTION PROGRAM** EPA's Inspector General released [a report](#) critiquing the agency's Design for the Environment (DfE) program and subsequent agency claims about program effectiveness and achievements. The report found that EPA has [no proof](#) that the DfE program has reduced the use of hazardous materials as claimed. The report also found that EPA cannot claim the pollution prevention program is cost effective because the program does not measure cost effectiveness. The report evaluated divergent aspects of DfE's Safer Product Labeling program and found that DfE results data are not appropriate or valid to support EPA claims.

## ***WASTE***

**DISPOSAL OF USED PHARMACEUTICALS** The Drug Enforcement Administration (DEA) issued a final rule governing the secure disposal of controlled substances (i.e., pharmaceuticals) by registrants and ultimate users ([79 FR 53519](#)). The final regulation implements the [Secure and Responsible Drug Disposal Act of 2010](#) by expanding the options available to collect controlled substances for disposal to include take-back events, mail-back programs, and collection receptacle locations. The regulation will allow authorized manufacturers, distributors, reverse distributors, narcotic treatment programs, hospitals/clinics with an on-site pharmacy, and retail pharmacies to voluntarily administer mail-back programs and maintain collection receptacles. In addition, the rule expands the authority of authorized hospitals/clinics and retail pharmacies to voluntarily maintain collection receptacles at long-term care facilities. The rule also reorganizes and consolidates previously existing regulations on disposal, including the role of reverse distributors. The final rule was effective 9 OCT 14. The rule amends 21 CFR Parts 1300, 1301, 1304, 1305, 1307, and 1317. For more information, contact Imelda Paredes at (202) 598-6812.

## ***WATER***

**SMALL VESSEL GENERAL PERMIT** EPA's ten regional offices are finalizing the NPDES Small Vessel General Permit (sVGP) to authorize discharges incidental to the normal operation of non-military and non-recreational vessels less than 79 feet in length ([79 FR 53701](#)). EPA is finalizing the sVGP because a moratorium against NPDES permitting of these

discharges (except ballast water) expires on 18 DEC 14. The sVGP is effective 19 DEC 14. For more information, contact Jack Faulk at (202) 564-0768.

**EFFLUENT GUIDELINE PROGRAM PLANS AND REVIEW REPORTS** EPA released the [Final 2012 and Preliminary 2014 Effluent Guidelines Program Plans](#) for public review and comment (79 FR 55472). The CWA requires EPA to publish a plan for new and revised effluent guidelines every two years. The program plan identifies any new or existing industrial categories selected for effluent guidelines rulemaking and provides a schedule for such rulemaking. Comments are due 17 NOV 14. For more information, contact [William Swietlik](#) at (202) 566-1129 or visit the [effluent guidelines website](#) to view a fact sheet, download the plans, or learn about CWA Section 304.

**DENTAL AMALGAM EFFLUENT GUIDELINES** EPA is proposing technology-based pretreatment standards for discharges of pollutants into publicly owned treatment works (POTWs) from certain existing and new dental practices. The proposal would require such dental practices to comply with requirements for controlling the discharge of dental amalgam pollutants to POTWs. The requirements are based on the best available technology or best available control technology, amalgam separators, and best management practices. EPA is also proposing to amend the General Pretreatment Regulations (40 CFR Part 403) to streamline oversight requirements for the dental sector. For more information, view this [fact sheet](#) and [prepublication notice](#).

**NPDES TEST METHODS** EPA corrected its [19 AUG 14 final rule](#) regarding the use of "sufficiently sensitive" test methods associated with NPDES permit applications (79 FR 56274). EPA corrected two citations that are contained within the text of two "Notes" in the final rule. The final rule was effective 18 SEP 14. For more information, contact [Kathryn Kelley](#) at (202) 564-7004.

**WATER INFRASTRUCTURE FINANCE AND INNOVATION ACT OF 2014** EPA is holding a series of informational and stakeholder meetings to discuss implementation of the [Water Infrastructure Finance and Innovation Act of 2014](#) (79 FR 55794). The act is an innovative financing mechanism for water-related infrastructure of national or regional significance. It was signed into law on 11 JUN 14 as Public Law 113-121. EPA will be providing an overview of the statute, assistance options and terms, and ideas for implementing the program. EPA would like participants to discuss project ideas and potential selection criteria; opportunities, challenges, and questions about implementation; and future stakeholder engagement. The intended audience is municipal, state, and regional utility decision makers; private finance sector representatives; and other interested organizations and parties. Meetings were held in New York City in September 2014. Additional information and stakeholder input sessions will be held in locations around the country through December 2014. Locations and dates for the additional sessions will be announced when they become available. For more information, contact [Jordan Dorfman](#) at (202) 564-0614.

## *Professional Development*

**FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER** - [FedCenter.gov](#) is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas:

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Regulatory Watch for information on new or changed laws or regulations;
- P2 opportunities and best management practices;
- EPA enforcement notices;
- Links to state environmental programs;
- Access to [environmental assistance](#);
- Access to free, FedCenter-sponsored courses:
  - [Environmental Compliance for Federal Laboratories](#) (FedCenter membership required);
  - [Environmental Management Systems](#) (FedCenter membership required);

- [Underground Storage Tanks](#) (FedCenter membership required);
- Environmental [conferences](#), meetings, [training](#), and workshop information;
- Applicable laws and Executive Orders; and
- Industry sector-specific newsletters.

FedCenter also provides member assistance services such as:

- Collaboration tools for workgroups,
- Environmental reporting tools, and
- Daily newsletter and subscription services.

**USACE PROSPECT TRAINING** USACE announces course availability for the 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.

### ***Online Training***

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

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

## **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 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.

**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.

**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.

**READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION PROGRAM – Webinar Series** The REPI Webinar Series is presented by DoD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted.

**EPA NPDES TRAINING COURSES AND WORKSHOPS** Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES Permit program. They are designed for permit writers, dischargers, EPA officials, and other interested parties. Topics include vessel general permits, combined sewer overflows, energy management, green infrastructure, pesticides, pretreatment, sanitary sewer overflows, and stormwater.

**EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY** Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs, from the series of line 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.

**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.

**AMPHIBIAN AND REPTILE WEB-BASED LECTURE SERIES** DoD's [Partners in Amphibian and Reptile Conservation \(PARC\)](#) hosts a monthly lecture series conducted by DoD biologists and professional herpetologists. The lecture series is conducted using Defense Connect Online. The goal of the lecture series is to help members stay connected and keep up with scientific studies and news. Copies of previous lectures are available on the PARC group and photo site.

**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.

**FOG PREVENTION TRAINING FOR RURAL COMMUNITIES IN THE PACIFIC NORTHWEST.** The Pacific Northwest Pollution Prevention Resource Center (PPRC) is providing one day workshops for rural communities in Idaho, Oregon, and Washington to reduce the harmful impacts of fats, oils, and grease (FOG) in sewers. For information about remaining workshop locations, dates, and times, contact the [Pacific Northwest Pollution Prevention Resource Center](#).

**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](http://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.

## *How the Regional Offices Work for You*

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

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

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

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

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# Acronyms

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 <sub>4</sub>	methane
CNOR	candidate notice of review
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> 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
EISA	Energy Independence and Security Act of 2007
EO	Executive Order
EPA	Environmental Protection Agency
EPAct	Energy Policy Act of 2005
EPCRA	Emergency Planning and Community Right-to-Know Act
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FIP	Federal Implementation Plan
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GHG	greenhouse gas
GRP	geographic response plan
GSA	General Service Administration
HAZMAT	hazardous material
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 <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NEP	nonessential experimental population
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF <sub>3</sub>	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 <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	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
OSHA	Occupational Safety and Health Administration
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM <sub>2.5</sub>	particulate matter 2.5 microns in diameter or less
PM <sub>10</sub>	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 <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	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 <sup>3</sup>	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