



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

September 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.

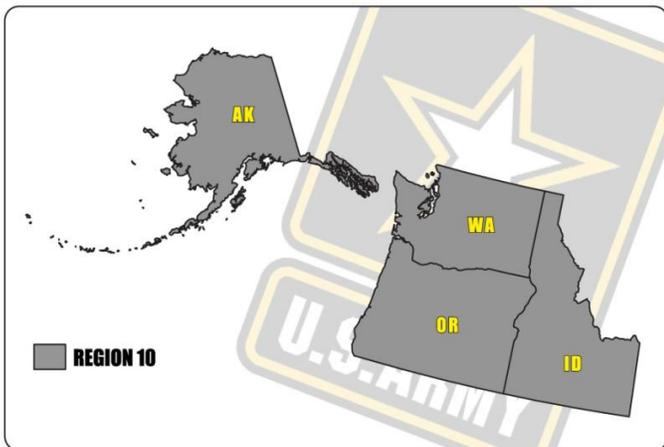


Table of Contents

Alaska.....	2
Idaho.....	3
Oregon.....	3
Washington.....	4
DoD Activity.....	5
Federal Activity.....	6
Professional Development.....	10
Staff Directory.....	14
Acronyms.....	15

Net Zero Energy Installations Poised to Reach Sustainability Goals

All nine of the [pilot installations](#) participating in the [Army's Net Zero Energy](#) initiative have made substantial progress in identifying, developing, and executing energy efficiency and renewable energy projects in the first years of the program, according to the fiscal 2013 [Army Net Zero Energy Roadmap and Program Summary](#).

The summary concludes that each of the nine pilot installations has great potential for energy efficiency. The 55-page document includes data on each site's energy baseline and efficiency, energy audit, completed and planned renewable energy projects, and Net Zero Energy roadmap.

One key conclusion cited in the summary is that a Net Zero Energy strategy is just the first step. "Successfully achieving Net Zero requires a sustained effort from a strong and motivated team to continue to develop, refine, and execute the strategy," it states.

The summary lists a number of other lessons learned:

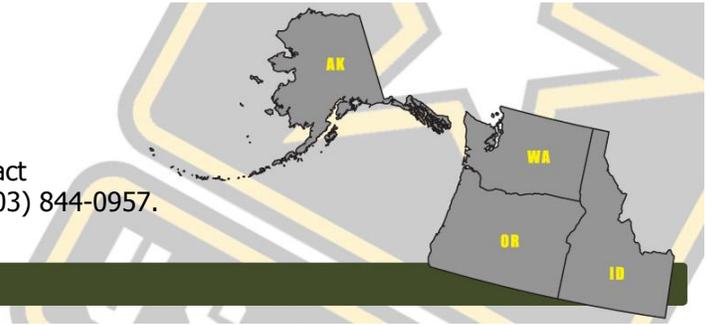
- Standard construction designs and installation master planning need to change to reach Net Zero goals;
- Many installations are good candidates for emerging technologies, but the initiative is focusing on commercially available technologies;
- Low utility rates and inadequate renewable energy resources present challenges at some locations;
- A high penetration level of renewable energy on an installation requires coordination, special contracts, or negotiations with the utility to ensure the ability to interconnect systems that exceed existing export limits;
- Storage and microgrids are increasingly necessary to achieve Net Zero goals; and
- Installations must account for tradeoffs between water, energy, and waste reductions.

If all nine pilot sites achieve Net Zero Energy, they will replace about 8% of the Army's installation energy use with renewable energy, eliminating about 6 trillion British thermal units (BTU) of fossil fuel, the summary states. If all Army installations achieved a 25% reduction in energy consumption - as most Net Zero Energy installations are expected to - the service would save about 20 trillion BTUs and about \$300 million annually.

Source: [Association of Defense Communities](#)

Region 10

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



LAND MANAGEMENT

EASTERN TANANA AREA PLAN The Alaska Department of Natural Resources [released](#) the Public Review Draft of the Eastern Tanana Area Plan for public comment. The plan will serve as the basis for the management of state lands and waters within the planning area for the next 15 to 20 years. This plan includes a Land Classification Order (NC-10-004) that affects approximately 6,820,774 acres of state owned and state selected land distributed throughout the planning area. The land is primarily located adjacent to the Tanana River and the surrounding uplands and the Fairbanks North Star Borough north of the Tanana River. For more information, contact [Brandon McCutcheon](#) at (907) 269-8536.

WATER

GENERAL PERMIT FOR NON-CONTACT COOLING WATER DISCHARGES The Alaska Department of Environmental Conservation (ADEC) [issued a public notice](#) about its Alaska Pollutant Discharge Elimination System (APDES) [draft general permit](#) for non-contact cooling water discharges (AKG250000). The draft general permit is available for public review and comment. The general permit would authorize discharge of waters that remove heat from industrial processes to surface waters. Examples of covered activities include discharges of non-contact cooling water, defrost water, heat pump transfer water, and cooling tower blowdown. Comments are due 15 SEP 14. For more information, contact [Steven Russell](#) at (907) 334-2227 or view this [fact sheet](#).

STORMWATER GENERAL PERMIT ADEC has [tentatively determined to reissue](#) an Alaska Multi-Sector General Permit (MSGP) for storm water discharges associated with industrial activity. The permit authorizes and sets conditions on the discharge of pollutants associated with industrial activity to waters of the U. S. within Alaska. In order to ensure protection of water quality and human health, the permit describes control measures that must be used to limit the types and amounts of pollutants that can be discharged from industrial activities. Comments are due 15 OCT 14. For more information, contact [William Ashton](#) at (907) 269-6283.

LEGISLATIVE DEVELOPMENTS

The [Alaska 2014 legislative session](#) began 21 JAN 14 and adjourned 25 APR 14. For more information about legislation in 2014, refer to the [May 2014](#) edition of the Review.



LEGISLATIVE DEVELOPMENTS

The [Idaho 2014 legislative session](#) began 6 JAN 14 and adjourned 20 MAR 14. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.



AIR

AIR QUALITY PERMITTING The Oregon Department of Environmental Quality (ODEQ) [is proposing](#) to streamline, reorganize, and update state air quality permit rules. ODEQ describes the proposed rule amendments under nine categories:

- Clarify and update air quality rules;
- Update particulate matter emission standards;
- Change permitting requirements for emergency generators and small natural gas or oil-fired equipment;
- Establish two new state air quality area designations (sustainment and reattainment) to help areas avoid and more quickly end a federal nonattainment designation;
- Designate Lakeview as a state sustainment area while retaining a federal attainment designation;
- Change the new source review preconstruction permitting program;
- Modernize methods allowed for holding public hearings and meetings;
- Re-establish the Heat Smart woodstove replacement program exemption for small commercial solid fuel boilers regulated under the permitting program; and
- Remove annual reporting requirements for small gasoline dispensing facilities.

Because ODEQ is clarifying state rules that also apply to the Lane Regional Air Protection Agency (LRAPA) (unless LRAPA adopts its own rules), ODEQ is also requesting public comment on which existing LRAPA rules are equivalent to or more strict than state rules. [Comments are due](#) 15 SEP 14. For more information, contact Maggie Vandehey at (503) 229-6878.

SIP AMENDMENTS: SMOKE MANAGEMENT ODEQ [adopted amendments](#) to the Oregon Smoke Management Plan (Oregon Administrative Rules (OAR) 340-200-0040). The smoke management plan addresses requirements for prescribed forestry burning in the state. The [final amendments](#) were effective 26 JUN 14. The amendments will be submitted to EPA for approval and as part of the Oregon State Implementation Plan (SIP).

OPEN BURNING AND SMOKE MANAGEMENT The Oregon Department of Forestry [adopted revisions and updates](#) to the Oregon Smoke Management Plan in OAR 629-048. The rule and the Smoke Management Plan manage prescribed burning on private, federal, and other public land to protect air quality and maintain forest productivity and health. Changes to the rule include updating and adding new definitions; adding reference material related to burning alternatives; adding another rule reference for smoke management compliance; fixing inadvertent errors; adding monitoring to large tonnage burns, and clarifying fees for multiple burn types. The [final rules](#) were effective 11 JUL 14. For more information, contact [Sabrina Perez](#) at (503) 945-7210.

HAZARDOUS MATERIALS

HAZARDOUS MATERIALS FEE The Oregon State Fire Marshal [adopted amendments](#) to OAR [837-090-1030](#). The amendments establish a fee schedule for any person possessing a hazardous substance at a facility in Oregon. The rule amendment adopts by reference the [Hazardous Substance Possession Fee](#) schedule effective 1 JUL 14. For more information, contact Valerie Abrahamson at (503) 934-8211.

TOXICS

PROHIBITED NEONICOTINOID PESTICIDE USES The Oregon Department of Agriculture [adopted emergency rules](#) prohibiting the use of neonicotinoid pesticides (Dinotefuran and Imidacloprid) on certain tree species. The pesticides may not be applied to linden, basswood, or other Tilia species. The final rule was effective 26 JUN 14. The emergency rulemaking expires 23 DEC 14. For more information, contact Sue Gooch at (503) 986-4583.

WATER

NONPOINT SOURCE MANAGEMENT ODEQ is requesting comments on the [Draft Oregon Nonpoint Source Management Program Plan](#), also known as the Oregon NPS Plan. The department is updating the existing NPS Plan, which was last updated in 2000. EPA requires NPS plans be updated every five years. Comments were due 2 SEP 14. For more information, contact [Don Yon](#) at (503) 229-6850 or visit the [Oregon Nonpoint Source Management Program website](#).

LEGISLATIVE DEVELOPMENTS

The [Oregon 2014 legislative session](#) began 3 FEB 14 and adjourned 7 MAR 14. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.



TOXICS

PCB CHEMICAL ACTION PLAN The Washington Department of Ecology (WADOE) is [inviting public comment](#) on its [draft polychlorinated biphenyls \(PCBs\) chemical action plan](#) (CAP). Public meetings are scheduled for 15 and 24 SEP 14. Comments are due 6 OCT 14. For more information, contact [Holly Davies](#) or visit WADOE's [PCB website](#).

WASTE

INCORPORATION BY REFERENCE: HAZARDOUS WASTE REGULATIONS WADOE is [proposing](#) amendments to Chapter 173-303 Washington Administrative Code (WAC). The proposed [amendments](#) would align the state regulations with current federal requirements and update state-initiated requirements, including the Chemical Test Methods guidance. The department is proposing to adopt several federal hazardous waste rules into the state Dangerous Waste Regulations, including a new rule simplifying waste management at university and college laboratories. The rulemaking would set a 30-day time limit for special waste held at solid waste transfer stations, make changes to post-closure permit requirements, and financial assurance. A public hearing is scheduled for 24 SEP 14. Comments are due 1 OCT 14. For more information, contact [Robert Rieck](#) or visit the [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

The [Washington 2014 legislative session](#) began 13 JAN 14 and adjourned 13 MAR 14. For information about legislation in 2014, refer to the [April 2014](#) edition of the Review.

Department of Defense Activity

DoD AWARDS

2015 SECRETARY OF DEFENSE ENVIRONMENTAL AWARDS GUIDANCE RELEASE [Nominations](#) for the Secretary of Defense Environmental Awards to be recognized in 2015 are due by 2 MAR 15, using the [guidance](#) issued by the Office of the Deputy Under Secretary of Defense (Installations & Environment) on 26 AUG 14. Each Military Service and Defense Agency may submit one nomination for each of the six Installation and three Individual/Team award categories listed in the guidance for accomplishments during the period 1 OCT 12 through 30 SEP 14.

ENERGY

NAVY PREDICTS BIOFUEL COSTS The Navy anticipates it will be able to purchase biofuels at a cost comparable to conventional petroleum fuels. According to a [news article](#), [Dennis McGinn](#), Assistant Secretary of the Navy for Energy, Installations, and Environment, said the Navy predicts that biofuel will be available for approximately \$3.50 per gallon, on par with what the Navy pays for conventional fuel. The Navy is seeking to purchase 37 million gallons of biofuel to be blended with F-76 marine diesel and JP-5 jet fuel.

DoD PARTICIPATION IN DEMAND-RESPONSE PROGRAMS The Government Accountability Office (GAO) released a report reviewing General Service Administration (GSA) and DoD participation in electrical demand-response programs ([GAO-14-594](#)). GAO recommended that DoD:

- Consistently track information on demand-response participation and financial benefits received from participation;
- Assess installation levels of demand-response participation and develop a strategy to expand economically beneficial participation;
- Task the Defense Logistics Agency (DLA) to formally analyze the share of financial benefits that installations receive from demand-response agreements that DLA facilitates and routinely provide this information to installations, where possible;
- Establish formal guidance to encourage economically beneficial demand-response participation and provide information to support participation in demand-response programs;
- Establish an Energy Savings Financial Incentives Fund for installations to directly accept payments for participation and establish guidance; and
- Request that Congress provide DoD with authority similar to that provided to GSA, allowing participating installations to use direct payments that they receive from providers without further appropriation.

NATURAL RESOURCES

MDA NEPA PROCEDURES The Missile Defense Agency (MDA) [issued procedures](#) for implementing National Environmental Policy Act (NEPA) requirements ([79 FR 46410](#)). MDA is responsible for developing, testing, and fielding an integrated, layered, ballistic missile defense system. As a DoD agency, MDA does not own real property. Because

most MDA actions typically occur on host military installations, ranges, or other federal agency property, MDA has historically relied upon host installation or federal agency NEPA implementation, including host implementing procedures and categorical exclusions (CATEXs) to address environmental impacts of MDA actions. As a result of the guidance document *Establishing, Applying, and Revising Categorical Exclusions under the National Environmental Policy Act* (2010) issued by the Council on Environmental Quality (CEQ) and [informal consultation](#) with the CEQ, MDA determined it needed to establish NEPA implementing procedures and CATEXs specific to MDA projects and actions. The final guidance document was effective 8 AUG 14. For more information, contact [Eric Sorrells](#) at (256) 450-2677 or visit [MDA's website](#).

SUSTAINABILITY

FORT BLISS NET ZERO The Department of the Army and Fort Bliss are proceeding with the preferred alternative identified in the [final environmental impact statement](#) (EIS) for implementation of energy, water, and solid waste sustainability initiatives ([79 FR 47441](#)). The sustainability initiatives allow Fort Bliss to implement the Army's [Net Zero](#) program. The record of decision (ROD) explains the potential environmental and socioeconomic impacts associated with the proposed action, which consists of multiple, related, and interconnected projects with the goal of conserving energy and water, and reducing waste production. The selected alternative provides the proper balance of initiatives for the protection of environmental and mission-essential actions. The ROD also identifies mitigation that will reduce or eliminate adverse impacts. For more information, contact [Donita Kelley](#) at (915) 568-4505.

WASTE

PATENT GRANTED: SPRAY PAINT NOZZLE CLEANER The Navy was granted a [patent](#) for an invention to clean a paint spray nozzle in an environmentally friendly manner ([79 FR 47261](#)). The invention is for a device and method to clean paint spray noles that have usual male type inlets by propelling pressurized liquid solvent through the noles instead of the usual practice of cleaning or attempting to clean the nozzle by using gaseous aerosol from the container of the paint product. For more information, contact Brenda Squires at (850) 234-4646.

Federal Activity

AIR

URBAN AIR TOXICS DOWN ACROSS THE U.S. The Environmental Protection Agency (EPA) [announced](#) progress in reducing urban air toxics. The agency released the [Second Integrated Urban Air Toxics Report to Congress](#) under the Clean Air Act (CAA). The report found that mercury emissions from coal-fired power plants and other sources have been reduced approximately 60% since 1990. Among the findings in the report:

- A 66% reduction in benzene;
- An 84% decrease of lead in outdoor air;
- The removal of an estimated 1.5 million tons per year of air toxics (e.g., arsenic, benzene, lead and nickel) from stationary sources and another 1.5 million tons per year (about 50%) of air toxics from mobile sources; and
- Approximately 3 million tons per year of criteria pollutants, such as particulate matter and sulfur dioxide (SO₂), have been reduced from cars and trucks as co-benefits of air toxics reductions.

For more information, visit EPA's [Urban Air Toxics website](#).

NESHAP/NSPS FOR INTERNAL ENGINES EPA affirmed it will not make any changes to its [30 JAN 13](#) final National Emission Standards for Hazardous Air Pollutants (NESHAP) for stationary reciprocating internal combustion engines and its New Source Performance Standards (NSPS) for stationary internal combustion engines ([79 FR 48072](#)). After the final rule adoption, EPA received three petitions for reconsideration and subsequently requested public comment on the petitions. EPA has determined that it will not propose any changes to the regulations, and is providing notice of this decision. The notice was effective 15 AUG 14. For more information, contact [Melanie King](#) at (919) 541-2469.

LISTING STATUS FOR CERTAIN OZONE DEPLETING SUBSTANCES EPA is proposing to change the status certain substitutes previously found acceptable under the Significant New Alternatives Policy (SNAP) program ([79 FR 46125](#)). EPA is proposing to downgrade to unacceptable existing listings of certain hydrofluorocarbons (HFCs)/HFC blends in aerosol, foam blowing, and air conditioning and refrigerant end-uses. The downgrade would apply to HFC/HFC blends where other alternatives are available or potentially available that pose overall lower risk. The agency would also downgrade to unacceptable the status of certain HFCs being phased out of production. Comments are due 6 OCT 14. For more information, contact [Rebecca von dem Hagen](#) at (202) 343-9445.

ALASKA SIP: INTERSTATE TRANSPORT EPA approved revisions to the Alaska SIP that address interstate transport provisions for the 2006 fine particulate matter (PM_{2.5}), 2008 ozone, and 2008 lead National Ambient Air Quality Standards (NAAQS) ([79 FR 45103](#)). The final rule was effective 3 SEP 14. For more information, contact [Keith Rose](#) at (206) 553-1949.

IDAHO SIP INTERSTATE TRANSPORT EPA approved revisions to the Idaho SIP that address infrastructure requirements for the 2010 nitrogen dioxide (NO₂) and SO₂ NAAQS ([79 FR 46707](#)). The final rule was effective 10 SEP 14. For more information, contact [Kristin Hall](#) at (206) 553-6357.

CLIMATE CHANGE

2014 NATIONAL CLIMATE ASSESSMENT The U.S. Global Change Research Program released the 2014 National Climate Assessment. The report provides an in-depth look at climate change impacts on the U.S. It details the multitude of ways climate change is already affecting and will increasingly affect the lives of Americans. For more information, to download a copy of the assessment, or view assessment highlights, visit the [National Climate Assessment website](#).

CLIMATE READY ESTUARIES WEBSITE EPA's [Climate Ready Estuaries](#), a program that works with the National Estuary Programs and coastal management community on assessing climate change vulnerabilities and developing adaptation strategies, has redesigned its website. Resources are now easier to find and web pages are searchable. New features include interactive maps of Climate Ready Estuary projects, information about king tides, and more.

ENERGY

FEMP TECHNICAL ASSISTANCE PORTAL The Department of Energy's (DOE's) Federal Energy Management Program (FEMP) [launched](#) a new [Technical Assistance Portal](#). The portal will allow federal agencies to submit and track requests for assistance in meeting their renewable energy and energy efficiency related goals. During the first phase, portal assistance is geared toward renewable energy projects. Other project types will be included in later phases. Agencies can use the portal to submit requests for assistance with the planning and implementation phases of projects and track the status of their requests throughout the process. The portal enables FEMP to better monitor technical assistance requests from federal agencies, while providing information on training and opportunities for financial assistance. An informational [webinar](#) held 28 AUG described what the technical portal is, what it does, who uses it, and how to use it. For more information, contact [Patrick Shipp](#).

ENFORCEMENT

ENFORCEMENT AND COMPLIANCE AT FEDERAL FACILITIES EPA's Office of Enforcement and Compliance Assurance updated its "Yellow Book: Guide to Environmental Enforcement and Compliance at Federal Facilities" publication,

which was first published in 1999. The new web-based version of the guide revises and updates information and resources needed by field-level personnel to comply with federal environmental requirements and provides an understanding of the enforcement and compliance processes used by EPA at federal facilities. The new site provides a definition of federal facility and links to major environmental statutes and executive orders. Additionally, the website provides information about cross-cutting issues (i.e., [military munitions](#) and [abandoned mines on federal land](#)). The update is available on EPA's [Enforcement website](#).

HAZARDOUS MATERIALS

LITHIUM BATTERY TRANSPORT The Pipeline and Hazardous Materials Safety Administration (PHMSA) modified requirements governing the transportation of lithium cells and batteries ([79 FR 46011](#)). The final rule revises hazard communication and packaging provisions for lithium batteries and harmonizes the Hazardous Materials Regulation (HMR) with international standards. It adopts separate shipping descriptions for lithium-metal batteries and lithium-ion batteries, revises shipping standards for small and medium lithium batteries contained within equipment, revises transport requirements for lithium batteries destined for disposal or recycle, and adopts new standards for shipment of damaged lithium batteries. The final rule was effective 6 AUG 14. For more information, contact Charles Betts at (202) 366-8553.

HAZMAT TRANSPORT: REVERSE SHIPMENTS PHMSA is proposing to revise rules for return shipments of certain hazardous materials (HAZMAT) by motor vehicle ([79 FR 46748](#)). The proposed amendments to the HMR 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 (new section 173.157) clearly 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 OCT 14. For more information, contact Steven Andrews at (202) 366-8553.

HAZMAT TRANSPORT: ALIGNMENT WITH INTERNATIONAL STANDARDS PHMSA is proposing to amend the HMR to maintain alignment with international standards ([79 FR 50741](#)). The amendments would make changes to proper shipping names, hazard classes, packing groups, special provisions, packaging authorizations, air transport quantity limitations, and vessel stowage requirements. Comments are due 24 OCT 14. For more information, contact Steven Webb at (202) 366-8553.

NATURAL RESOURCES

NEPA PROGRAMMATIC REVIEW GUIDANCE CEQ published [draft guidance](#) on when and how federal agencies can effectively use NEPA programmatic reviews ([79 FR 50578](#)). This guidance is designed to assist with understanding the environmental impacts from proposed large-scope federal actions and activities and facilitate agency compliance with NEPA by clarifying when an agency may prepare a programmatic, broad-scale review. The guidance also addresses how agencies can prepare such reviews to ensure they are timely, informative, and useful for advancing decision-making. The goal of this guidance is to encourage a more consistent approach to programmatic NEPA reviews so that analyses and documentation will allow for efficient completion of any necessary tiered (i.e., site specific) reviews. Comments are due 9 OCT 14. For more information, contact Horst Greczmiel at (202) 395-5750 or visit [CEQ's website](#).

THREATENED AND ENDANGERED SPECIES

WITHDRAWN: NORTH AMERICAN WOLVERINE The Fish and Wildlife Service (FWS) withdrew its [4 FEB 13](#) proposed rule to list the distinct population segment (DPS) of [North American wolverine](#) (*Gulo gulo luscus*) occurring within the contiguous U.S. as a threatened species ([79 FR 47521](#)). As a result, FWS also withdrew the proposed special rule (contained within the [initial proposed listing](#)) and withdrew its [concurrent](#) proposal to establish a nonessential

experimental population (NEP) of the North American wolverine in Colorado, Wyoming, and New Mexico. The proposed rules are withdrawn as of 13 AUG 14. For more information, contact Jodi Bush at (406) 449-5225.

YELLOW-BILLED CUCKOO FWS is proposing to designate critical habitat for the western DPS of [yellow-billed cuckoo](#) (*Coccyzus americanus*) (79 FR 48547). In total, approximately 546,335 acres are being proposed for designation as critical habitat in Arizona, California, Colorado, Idaho, Nevada, New Mexico, Texas, Utah, and Wyoming. Comments are due 14 OCT 14. For more information, contact Jen Norris at (916) 414-6600.

GREATER SAGE-GROUSE FWS is initiating a formal status review of the greater sage-grouse. It is [requesting information](#) from state and federal agencies and tribes, along with industry and local conservation partners about the ground-dwelling bird's population and efforts to protect its sagebrush habitat. In 2010, FWS determined that the greater sage-grouse was a candidate for protection but that listing was precluded by higher priority actions. The service agreed to make an initial determination on whether to propose the species for listing by 30 SEP 15. To ensure FWS can consider the cumulative effect of conservation work across the bird's 165-million acre range, it is requesting information be provided by 31 DEC 14. For more information, visit the FWS [greater sage-grouse website](#).

SURVIVAL PERMIT FOR GREATER SAGE-GROUSE ON PRIVATE LANDS FWS received an application for an [enhancement of survival permit](#) (79 FR 48243). The permit application includes a draft candidate conservation agreement with assurances for the [greater sage-grouse](#) on private rangelands in Baker and Malheur Counties, Oregon. Comments are due 15 SEP 14. For more information, contact [Gary Miller](#) or visit FWS [Tools for Landowners website](#).

ISLAND MARBLE BUTTERFLY FWS announced that it will conduct a status review to determine whether listing the [Island Marble](#) butterfly (*Euchloe ausonides insulanus*) is warranted (79 FR 49045). The species is thought to occur in the San Juan Islands of Washington State. The Island Marble butterfly is listed by the Washington Department of Fish and Wildlife as a [state candidate species](#) for possible listing as endangered, threatened, or sensitive. Comments are due 16 DEC 16. For more information, contact Tom McDowell at (360) 753-9440.

OREGON SPOTTED FROG FWS designated the [Oregon spotted frog](#) (*Rana pretiosa*) as threatened and added the species to the federal list of threatened and endangered species (79 FR 51657). The service will make a final determination regarding critical habitat for the Oregon spotted frog in the near future. Historically, the species has been documented in British Columbia, Washington, Oregon, and California. It is believed to have been extirpated from California. The final rule is effective 29 SEP 14. For more information, contact Ken Berg at (360) 753-9440.

STELLER SEA LION The National Marine Fisheries Service is hosting two meetings to solicit information related to the designation of [Steller sea lion](#) critical habitat (79 FR 46392). The service is considering revisions to the critical habitat designation to take into account new information that has become available since it designated critical habitat in 1993. The service is particularly interested in information pertaining to the identification of areas as critical habitat for the western DPS of Steller sea lion. The first meeting, scheduled for 22 SEP 14, will be [broadcast via webinar](#). The [second meeting](#) is scheduled for 8 OCT 14. For more information, contact Lisa Rotterman at (907) 271-1692.

TOXICS

LEAD EXPOSURE DUE TO RENOVATION, REPAIR AND PAINTING IN PUBLIC AND COMMERCIAL BUILDINGS EPA is currently in the process of determining whether or not lead-based paint hazards are created by renovation, repair, and painting (RRP) activities in public and commercial buildings (P&CBs) (79 FR 45796). The agency developed several documents that describe a proposed methodology for estimating exposures and incremental health effects created by renovations of P&CBs, and is making the documents available for public review. After the public comment period, EPA will prepare the documents for external peer review. Comments are due 22 SEP 14. For more information, contact [Stan Barone](#) at (202) 564-1169, or visit the [rulemaking docket](#) (EPA-HQ-OPPT-2010-0173).

WATER

NPDES COOLING WATER INTAKE EPA adopted a final rule to reduce impingement and entrainment of fish and other aquatic organisms at cooling water intake structures used by certain existing power generation and manufacturing facilities for the withdrawal of cooling water ([79 FR 48299](#)). The rule establishes requirements for existing power generating, manufacturing, and industrial facilities that are designed to withdraw more than 2 million gallons per day (mgd) from waters of the U.S. and use at least 25% of the water exclusively for cooling purposes. The requirements, which will be implemented through National Pollutant Discharge Elimination System (NPDES) permits, apply to the location, design, construction, and capacity of cooling water intake structures at regulated facilities. For each permit, EPA will establish site specific "best technology available" standards for entrainment. The final rule is effective 14 OCT 14. Compliance will be "as soon as practicable." For more information, contact [Tom Born](#) at (202) 566-1001 or visit the EPA [cooling water intake website](#).

NPDES PERMIT APPLICATIONS: TEST METHODS EPA is finalizing minor NPDES program amendments that specify that applicants must use "sufficiently sensitive" analytical test methods when completing an NPDES permit application ([79 FR 49001](#)). The amendments also clarify that EPA may require that only "sufficiently sensitive" methods be used for analyses of pollutants or pollutant parameters under the NPDES permit. The final rule is effective 18 SEP 14. For more information, contact [Kathryn Kelley](#) at (202) 564-7004.

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 will teach 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 new 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.

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.

* indicates the first time a professional development opportunity appears in the Review.

How the Regional Offices Work for You

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

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

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

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

Staff Directory

Mark Mahoney

Director /DoD REC Region 8
(303) 844-0956

mark.a.mahoney.civ@mail.mil

Kevin Ward

Regional Counsel
(303) 844-0955

kevin.m.ward40.civ@mail.mil

Park Haney

Deputy Director
(303) 844-0957

reed.p.haney.civ@mail.mil

Julia Miller

Region 8 Program Coordinator (Marstel-Day, LLC)
(303) 844-0952

julia.c.miller16.ctr@mail.mil

Tim Kilgannon

Army Coordinator Region 9
(303) 844-0953

timothy.r.kilgannon.civ@mail.mil

Park Haney

Acting Army Coordinator Region 10
(303) 844-0957

reed.p.haney.civ@mail.mil

Adriane Miller

Project Manager (Plexus Scientific Corporation)
(410) 278-6137

adriane.b.miller2.ctr@mail.mil

Nancy Reese

Regulatory Affairs Specialist (Marstel-Day, LLC)
(303) 844-0954

nancy.l.reese2.ctr@mail.mil

Additional Multi-Service Contacts

Robert Shirley

DoD/Air Force REC Region 10
(415) 977-8846

robert.shirley.2@us.af.mil

Clark Pitchford

Navy REC Region 10
(360) 315-5440

clark.pitchford@navy.mil

Jack Hug

Coast Guard Pacific Area
(510) 437-2747

Jack.p.hug@uscg.mil

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
HMR	Hazardous Materials Regulation
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
NO _x	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
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
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