



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

November 2013

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.....	2
Oregon.....	3
Washington.....	3
DoD Activity.....	4
Federal Activity.....	4
Professional Development.....	7
Staff Directory.....	11
Acronyms.....	12

WESTERN GOVERNORS' CRUCIAL HABITAT ASSESSMENT TOOL (CHAT)

In 2007, the Western Governors' Association (WGA) approved [policy resolution 07-01](#), "Protecting Wildlife Migration Corridors and Crucial Wildlife Habitat in the West." The policy described the importance of wildlife corridors and crucial habitat and asked the Western states, in partnership with important stakeholders, to identify key corridors and habitat in the West and to make recommendations on policy options for preserving those landscapes.

To implement the resolution, WGA launched the [Wildlife Corridors Initiative](#), a multi-state collaborative process to make findings and recommendations on various aspects of wildlife corridors and crucial wildlife habitat.

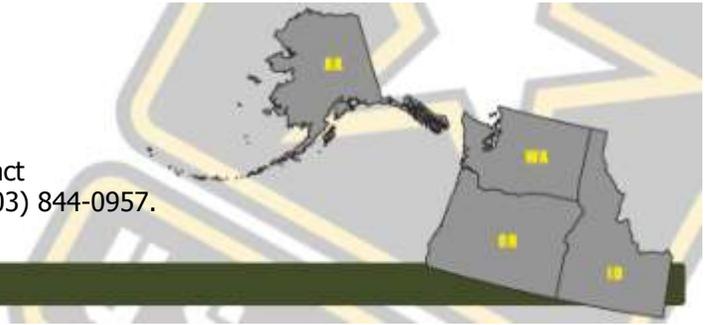
The result of that initiative was the development of the Western Governors' [Crucial Habitat Assessment Tool \(CHAT\)](#) to provide the public and industry a high-level overview of crucial habitat across the West. To be released in December 2013, CHAT aims to bring greater certainty and predictability to planning efforts by establishing a common starting point for discussing the intersection of development and wildlife. CHAT will be an easily accessible online system of maps displaying crucial wildlife habitat and corridors across the West. While not intended for project-level approval, CHAT is designed to reduce conflicts and surprises, while ensuring wildlife values are better incorporated into land use decision-making and large-scale conservation projects.

In conjunction with the western regional CHAT project, states have developed their own assessment tools that display crucial wildlife and corridor information. These are [HabiMap™ Arizona](#) in Arizona, [ACE II](#) in California, [CAPS](#) in Montana, [PHS on the Web](#) in Washington, and [WISDOM](#) in Wyoming. In addition, the [Southern Great Plains CHAT](#) is a species-specific, multi-state CHAT for the lesser prairie-chicken.

For more information, [watch a webinar](#) or visit the [Western Governors' Association](#) website.

Region 10

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

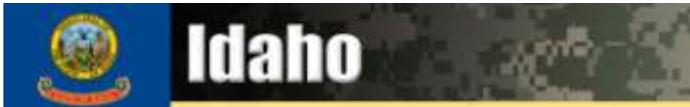


AIR

AIR QUALITY CONTROL The Alaska Department of Environmental Conservation (ADEC) [adopted a suite of changes](#) to its air quality regulations at Title 18, Alaska Administrative Code (ACC), Chapter 50. The changes update adoption by reference dates, update attainment designation and maintenance plan requirements, adopt definitions, and clarify additional regulatory language. The revisions will be submitted to the U.S. Environmental Protection Agency (EPA) for inclusion in the approved Alaska State Implementation Plan (SIP). The [notice of adopted changes](#) was published 15 OCT 13. For more information, contact Rebecca Smith at (907) 465-5121.

LEGISLATIVE DEVELOPMENTS

The [Alaska 2014 legislative session](#) begins 21 JAN 14 and adjourns 20 APR 14.



AIR

DRAFT GUIDANCE: INTERMITTENT TESTING OF EMERGENCY ENGINES The Idaho Department of Environmental Quality (IDEQ) [is inviting public comment](#) on its [revised draft guidance](#) on methods to predict air quality impacts of intermittently operated diesel or gas fired internal combustion engines. The draft guidance clarifies when emissions from intermittent operational testing of engines powering emergency generators or fire pumps should be included in certain project analyses. Comments were due 4 NOV 13. For more information, contact [Kevin Schilling](#) at (208) 373-0112 or visit the [rulemaking website](#).

WATER

WATER QUALITY STANDARDS The IDEQ scheduled a [negotiated rulemaking meeting](#) to evaluate local and regional fish consumption to determine whether Idaho's statewide water quality criteria are protective of uses, and if the current criteria are not protective, to determine appropriate new criteria. IDEQ is soliciting public input to assist in rulemaking development. This action is in response to the EPA's 10 MAY 12 disapproval of the state's 2006 water quality standard rule on the basis of disputed fish consumption values. The negotiated rulemaking meeting is scheduled for 10 DEC 13. For more information, contact [Don Essig](#) at (208) 373-0119. Additional information is available on the agency's [rulemaking website](#).

IDAHO WATERS FOR 2014 INTEGRATED REPORT IDEQ [is seeking scientific data](#) to assist the department in evaluating water quality in Idaho rivers, streams, lakes, and reservoirs for the 2014 Integrated Report. Before submitting

scientifically rigorous and relevant data, interested parties are advised to review IDEQ's [Water Body Assessment Guidance](#) (Section 4: Existing and Readily Available Data Policy). Comments are due 27 DEC 13. For more information, contact [Nicole Deinarowicz](#) at (208) 373-0591 or visit the [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

The [Idaho 2014 legislative session](#) begins 6 JAN 14 and is estimated to adjourn 4 APR 14.



CO₂ EMISSION STANDARDS FOR NON-BASE LOAD POWER PLANTS The Oregon Department of Energy's [Energy Facility Siting Council](#) adopted amendments to the methodology for measuring carbon dioxide (CO₂) emissions from non-base load power plants. The amendments provide an alternate means of measuring "actual gross CO₂ emissions" every five years during the operation of a non-base load power plant and restore language that was previously in effect but inadvertently removed in May 2012. The rule amendments also align the state's CO₂ offset standard for base load gas plants with standards that are being adopted by EPA. The [final rule](#) was effective 30 SEP 13. For more information, contact [Lee Willeman](#) at (503) 373-0214.

RENEWABLE ENERGY DEVELOPMENT WITHIN THE TERRITORIAL SEA The Oregon Land Conservation and Development Department [adopted](#) by reference an amendment to the Territorial Sea Plan. State statute requires the Land Conservation and Development Commission to review such amendments to the Territorial Sea Plan and to adopt the amendments as part of the Oregon Coastal Management Program. The amendment revises Part Five of the Territorial Sea Plan by incorporating maps that designate areas where marine renewable energy development may be sited and the standards and review criteria that would be applied by state agencies for conducting their review of project proposals within those designated areas. The maps and standards are incorporated into the existing plan as an appendix. The rule was effective 7 OCT 13. For more information, contact Casaria Tuttle at (503) 373-0050, ext. 322 or visit the [Territorial Sea Plan website](#).

LEGISLATIVE DEVELOPMENTS

The [Oregon 2014 legislative session](#) begins 3 FEB 14 and is estimated to adjourn 8 MAR 14. Due to the passage of [Ballot Measure 71](#) in 2010, even-year legislative sessions in Oregon are limited to 35 calendar days.



AIR

SOLID FUEL BURNING DEVICES The Washington Department of Ecology (WADOE) [is proposing](#) updates to its regulation for solid fuel burning devices. [The amendments](#) to Washington Administrative Code (WAC), [Chapter 173-433](#) would modify trigger levels for calling burn bans in areas at risk for nonattainment; align the rule with other statutory changes; meet EPA requirements; improve air quality in areas affected by pollution from wood burning stoves; and make housekeeping changes. [Comments are due](#) 15 NOV 13. For more information, contact [Margo Thompson](#) at (360) 407-6827.

SOUTHWEST CLEAN AIR AGENCY: SEPA PROCEDURE The Southwest Clean Air Agency replaced an existing incorporation by reference of outdated state regulations with a [new local rule](#) more consistent with currently applicable state regulations. The new local rule implements the [Washington State Environmental Policy Act](#) (SEPA) for agency actions. The final rule was effective 8 NOV 13. For more information, contact [Wess Safford](#) at (360) 574-3058, ext. 126.

SOUTHWEST CLEAN AIR AGENCY: AREA SOURCE RULES The Southwest Clean Air Agency [adopted](#) amendments to its local rules for selected consumer products and spray coating. The revisions adopt federal regulations by reference, with provisions to allow for local implementation of the adopted regulations. The [final rule](#) was effective 9 NOV 13. For more information, contact [Wess Safford](#) at (360) 574-3058, ext. 126.

LEGISLATIVE DEVELOPMENTS

The [Washington 2014 legislative session](#) begins 13 JAN 14 and estimated to adjourn 6 MAR 14.

Department of Defense Activity

AMERICAN INDIAN HERITAGE MONTH As part of the Army's celebration of [Native American Heritage Month](#), the Secretary of the Army, Chief of Staff of the Army, and Sergeant Major of the Army released a [letter of appreciation](#) for the contributions of Native Americans to the Army and the Nation.

PARTNERING FOR ENHANCED MISSION EFFECTIVENESS VIDEO The U.S. Army is partnering with the private sector, other agencies, government and local communities for what Army leadership calls Enhanced Mission Effectiveness. "Our mission capabilities are enhanced and our costs reduced when we focus on our core competencies, and rely on the expertise and experience of our partners for non-core functions and services. This 'win-win' approach keeps us Army Strong," said Hon. Katherine Hammack, assistant secretary of the Army, Installations, Energy, and Environment. For more information, see related video - [Partnering for Enhanced Mission Effectiveness](#).

Federal Activity

AIR

WASHINGTON AIR QUALITY: THURSTON COUNTY EPA is approving a limited maintenance plan for the Thurston County maintenance area for coarse particulate matter (PM10) ([78 FR 61188](#)). The agency is also approving local and state regulatory updates related to this maintenance plan. The final rule was effective 4 NOV 13. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

CLIMATE CHANGE

U.S. ENERGY-RELATED CO₂ EMISSIONS, 2012 REPORT The Department of Energy (DOE) released a report on U.S. energy-related CO₂ emissions. The report's conclusions indicate:

- The 2012 downturn means that emissions are at their lowest level since 1994 and over 12% below the 2007 peak.
- After 1990, only the recession year of 2009 saw a larger percentage emissions decrease than 2012.
- Energy-related CO₂ emissions have declined in five out of the last seven years.

The full report is available on the [Energy Information Administration website](#).

SENSITIVITY OF STREAMFLOW, NUTRIENT, AND SEDIMENT LOADS TO POTENTIAL CLIMATE CHANGE EPA issued a final report titled, [Watershed Modeling to Assess the Sensitivity of Streamflow, Nutrient, and Sediment Loads to Potential](#)

[Climate Change and Urban Development in 20 U.S. Watersheds](#). Additional information is available at the [EPA website](#). For more information, contact [Thomas Johnson](#) at (703) 347-8618.

WESTERN GOVERNORS SIGN CLIMATE CHANGE PACT The Governors of California, Oregon and Washington, along with a representative of the premier of British Columbia, signed [an agreement](#) committing the Canadian province and the three states to coordinate global-warming policies. Each signatory promised to take certain actions such as streamlining permits for solar and wind projects, better integrating the electric power grid, supporting more research on ocean acidification, and expanding government purchases of electric vehicles. While the governors of Oregon and Washington announced support for cap-and-trade policies, they must now persuade their legislatures to pass laws to put the policies into effect. In a related action, California announced in October 2013 an agreement with Quebec outlining steps and procedures to fully harmonize and [integrate](#) their cap-and-trade programs.

ZERO EMISSION CARS The Governors of eight states announced an initiative to put 3.3 million zero-emission vehicles (ZEVs) on the roads in their states over the next 12 years. Governors of California, Connecticut, Massachusetts, Maryland, New York, Oregon, Rhode Island, and Vermont signed a [memorandum of understanding](#) (MOU) to establish a common ZEV fueling infrastructure. The Governors agreed to report annually on the number of registered ZEVs, the number of electric/hydrogen fueling stations available to the public, and (as available), information about workplace ZEV fueling. As stated in the MOU, the Governors also agreed to promote interagency coordination, implement incentives for ZEV purchases, develop shared standards, promote private-public partnerships, conduct a study on hydrogen-powered vehicles and their specific infrastructure needs, and more.

CULTURAL RESOURCES

DISPOSITION OF UNCLAIMED HUMAN REMAINS ON FEDERAL LANDS The National Park Service (NPS) is proposing to establish procedures for the disposition of unclaimed human remains, funerary objects, sacred objects, or objects of cultural patrimony discovered on federal lands after 16 NOV 90 ([78 FR 64436](#)). The rule would implement section 3 (b) of the [Native American Graves Protection and Repatriation Act of 1990](#). Comments are due 30 DEC 13. For more information, contact Sherry Hutt at (202) 354-1479.

ENERGY

RENEWABLE FUEL STANDARD PROGRAM: HEATING OILS FROM BIOMASS EPA added heating oils derived from biomass to the list of fuels that count toward federal volume requirements for the [Renewable Fuel Standard \(RFS\)](#) program ([78 FR 62462](#)). The final rule expands the scope of the program by amending the definition of heating oil and adding so-called "fuel oils" from qualifying renewable substances that warm houses, office buildings, and other residential and workplace facilities. Additional information is available on the [EPA website](#). For more information, contact [Suzanne Bessette](#) at (734) 214-4703.

CHP TECHNICAL ASSISTANCE PARTNERSHIPS DOE's Advanced Manufacturing Office launched seven regional combined heat and power (CHP) [Technical Assistance Partnerships](#) to promote and assist in transforming the market for CHP, waste heat to power, and district energy with CHP technologies and concepts throughout the U.S. The new partnerships are located in California, Colorado, Illinois, New York, North Carolina, Pennsylvania, and Washington. They replace the DOE's Clean Energy Application Centers. The new partnerships will support analyses of CHP market opportunities, offer information on the energy and non-energy benefits and applications of CHP, and provide technical assistance to end-users considering CHP at their facility. To learn more about the involvement of CHP Technical Assistance Partnerships in project development, visit the [CHP Projects](#) page.

EGALLON Find out how much it costs to fuel an electric vehicle in your state and compare the average cost of a gallon of gasoline to the [eGallon](#). The eGallon price is an estimate of how much it costs to drive an electric car the same distance as a gallon of unleaded gasoline.

2013 BUILDING ENERGY STANDARD An updated energy standard for buildings includes major changes to requirements for building envelope, lighting, mechanical and the energy cost budget. ANSI/ASHRAE/IES Standard 90.1-2013 (Energy Standard for Buildings Except Low-Rise Residential Buildings) incorporates 110 addenda. Major changes to requirements for building envelope, lighting, mechanical and the energy cost budget are included. For more information, visit the [ASHRAE website](#).

HAZARDOUS MATERIALS

ENHANCED ENFORCEMENT PROCEDURES - RESUMPTION OF TRANSPORTATION The Pipeline and Hazardous Materials Safety Administration (PHMSA) issued a final rule related to the department's enhanced inspection, investigation, and enforcement authority ([78 FR 60755](#)). PHMSA amended the package opening provision to include procedures for an agent of the Secretary of Transportation to open packages of perishable hazardous materials and to provide notification to the responsible party that an agent has exercised a safety inspection or investigation authority. This final rule was effective 1 NOV 13. For more information, contact Vincent Lopez at (202) 366-4400.

OTHER

ECHO 2.0 BETA LAUNCHED EPA updated its [Enforcement and Compliance History Online \(ECHO\) website](#). The updated ECHO website contains information about the compliance status of EPA regulated facilities. The website features new functionality for new mapping and performance and trends data. The legacy ECHO website is scheduled to be retired 27 NOV 13.

THREATENED AND ENDANGERED SPECIES

STATUS DESIGNATION: YELLOW-BILLED CUCKOO The Fish and Wildlife Service (FWS) is proposing to list the [yellow-billed cuckoo](#) in the western portion of the U.S., Canada, and Mexico as a threatened distinct population segment (DPS) ([78 FR 61621](#)). The western DPS is known or believed to occur in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Texas, Utah, Washington, and Wyoming. Comments are due 2 DEC 13. For more information, contact Jennifer Norris at (916) 414-6600.

PUBLIC COMMENT PERIOD, PUBLIC HEARINGS: GRAY WOLF FWS extended the public comment period on its recent proposal to list the [Mexican wolf](#) (*Canis lupus baileyi*) as an endangered subspecies, to delist the gray wolf (*Canis lupus*) elsewhere, and to revise the nonessential experimental population (NEP) of the Mexican wolf ([78 FR 64192](#)). Following delays caused by the federal government lapse in appropriations, FWS is announcing rescheduled dates for the remainder of a series of public hearings on the proposed rules. To allow these hearings to take place within the public comment period on the proposed rules, the service is extending the public comment period for the proposed rules to 17 DEC 13. Public hearings are scheduled for 19, 20, and 22 NOV 13 and 3 DEC 13. Refer to the Federal Register citation for details. For more information regarding the proposal to list the Mexican wolf as an endangered subspecies or to delist the gray wolf elsewhere, contact FWS at (703) 358-2171. For more information concerning the proposal to revise the Mexican wolf NEP, contact FWS at (505) 761-4704.

12-MONTH FINDING: KITTLITZ'S MURRELET FWS announced the results of a 12-month finding on a petition to list [Kittlitz's murrelet](#) (*Brachyramphus brevirostris*), finding that listing is not warranted at this time ([78 FR 61763](#)). Kittlitz's murrelet is a small seabird found in Alaska. The finding was made 3 OCT 13. For more information, contact Bill Hanson at (907) 780-1160.

STATUS DESIGNATION: TAYLOR'S CHECKERSPOT BUTTERFLY AND STREAKED HORNED LARK FWS designated the [Taylor's checkerspot butterfly](#) (*Euphydryas editha taylori*) as endangered and the [streaked horned lark](#) (*Eremophila alpestris strigata*) as threatened ([78 FR 61451](#)). In a separate but related rulemaking, the service designated critical habitat for both species ([78 FR 61505](#)). In total, approximately 1,941 acres in Island, Clallam, and Thurston counties in Washington and in Benton County in Oregon are designated as critical habitat designation for Taylor's checkerspot

butterfly. Approximately 4,629 acres in Grays Harbor, Pacific, and Wahkiakum counties in Washington and in Clatsop, Columbia, Marion, Polk, and Benton counties in Oregon are designated as critical habitat designation for the streaked horned lark. The final rules were effective 4 NOV 13. For more information, contact Ken Berg at (360) 753-9440.

CRITICAL HABITAT DETERMINATION: NORTH PACIFIC OCEAN LOGGERHEAD DPS The National Marine Fisheries Service (NMFS) reopened the public comment period on its proposed determination that no marine areas meet the definition of critical habitat within the jurisdiction of the U.S. for the North Pacific Ocean [loggerhead sea turtle](#) DPS ([78 FR 59907](#)). In addition, this action reopens the public comment period for proposed critical habitat designation for the Northwest Atlantic Ocean loggerhead sea turtle DPS. Comments are due 29 NOV 13. For more information, contact [Susan Pultz](#) at (301) 427-8472.

UPPER COLUMBIA RIVER CHINOOK NEP NMFS is proposing to designate and authorize the release of Upper Columbia River spring-run Chinook salmon (*Oncorhynchus tshawytscha*) NEP in the Okanogan River subbasin, and to establish a limited set of take prohibitions ([78 FR 63493](#)). Under the proposed rule, the geographic boundary for the NEP would be the mainstem and all tributaries of the Okanogan River between the Canada-United States border and to the confluence of the Okanogan River with the Columbia River, Washington. The service is seeking comment on the proposed rule and draft environmental assessment. Comments are due 9 DEC 13. For more information, contact Garth Griffin at (301) 427-8403.

WASTE

SW-846 UPDATE EPA released the "Interim Final Update V" to the Third Edition of [SW-846](#) (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods) for public comment ([78 FR 63185](#)). Update V contains 23 new and revised analytical methods that may be used for monitoring or complying with the Resource Conservation and Recovery Act (RCRA) hazardous and non-hazardous waste regulations. Because the analytical methods contained in Update V are not required by RCRA hazardous waste regulations, the agency is issuing this update as guidance. Comments are due 21 JAN 14. For more information, contact [Kim Kirkland](#) at (703) 308-8855. The update is available from [regulations.gov](#) (docket EPA-HQ-RCRA-2012-0072).

WATER

NPDES ELECTRONIC REPORTING: PUBLIC COMMENT PERIOD EPA extended the public comment period on its [30 JUL 13](#) proposed Electronic Reporting Rule under the National Pollutant Discharge Elimination System (NPDES) program ([78 FR 64435](#)). Comments are due 12 DEC 13. For more information, contact [John Dombrowski](#) at (202) 566-0742.

NONTANK VESSEL RESPONSE PLANS AND OTHER RESPONSE PLAN REQUIREMENTS The Coast Guard issued a final rule requiring nontank vessel response plans for commercial vessels ([78 FR 60099](#)). Requirements for response plans, which previously only applied to tank vessels, now apply to nontank vessels. This final rule requires owners or operators of nontank vessels to prepare oil spill response plans and submit the plans to the Coast Guard. The rule specifies the content of a response plan and addresses, among other issues, the requirement to plan for responding to a worst-case discharge and a substantial threat of such a discharge. Additionally, the final rule updates the international Shipboard Oil Pollution Emergency Plan requirements that apply to certain nontank vessels and tank vessels. Finally, the rule requires vessel owners or operators to submit their vessel response plan control number as part of already required notice of arrival information. The final rule was effective 30 OCT 13. For more information, contact [Lieutenant Commander John Peterson](#) at (202) 372-1226.

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 FY14 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Please see the [Course Catalog \(a.k.a. Purple Book\)](#) and [List of Classes and schedule](#) for details. Courses are open to all federal, state, county and city employees and contractors. There are different registration processes for each entity.

Navy and ISEERB Environmental Training FY14 The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule for FY14 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 FY14 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 born by the student.

QUALIFIED RECYCLING PROGRAM RESIDENT COURSE TO BE REPLACED WITH DISTANCE LEARNING DoD's Qualified Recycling Program (QRP) 40-Hour Resident Course (WENV 160), which has been taught and managed by the Air Force Institute of Technology (AFIT), is being reformatted as a distance learning course. This action is being taken to accommodate budget restrictions on training and travel. The reformatted, web-based course will continue to offer the same opportunities for student involvement (e.g., group activities, assignments, discussions, etc.) as the resident course. Although reformatting the Qualified Recycling Course for distance learning is not yet complete, AFIT anticipates the web-based course will be offered several times in FY14. This action is part of a broader effort to increase distance-learning options. For more information, visit the [AFIT course website](#), or contact Mr. Tom Glardon at (937) 255-5654 ext 3538 (DSN 785-4645).

***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)

CLIMATE READY WATER UTILITIES EPA's Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) address 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.

PRODUCTION TAX CREDIT EXTENSION, PROCESS, AND IMPACTS WEBINAR This webinar features Paul Holshouser of the American Wind Energy Association, and Jon Chase from Vestas, who provide an insiders' perspective of the last-minute Production Tax Credit extension, including details about how the extension differs from past extensions, current status of the rule implementation, and the potential impacts on the wind industry.

WATER'S IMPACT ON THE ENERGY SECTOR This 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. 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 via the Internet 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.

*indicates new or updated information.

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

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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
CAMR	Clean Air Mercury Rule
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulation
CH4	methane
CNOR	candidate notice of review
CO₂	carbon dioxide
CO₂e	carbon dioxide equivalent
COE	Corps of Engineers
CrVI	hexavalent chromium
CTED	Washington Department of Community, Trade, & Economic Development
CWA	Clean Water Act
CX	categorical exclusion
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	United States Department of Transportation
DPS	distinct population segment
EA	environmental assessment
ECA	emission control area
ECF	emission comparable fuel
EIO	Energy Initiatives Office
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service

FY	fiscal year
GAO	Government Accountability Office
GHG	greenhouse gas
GRP	geographic response plan
GSA	General Service Administration
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	Low-Impact Development
LOSS	large on-site sewage system
LT2	long term 2
MACT	maximum achievable control technology
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N₂O	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
NF₃	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
NO₂	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
POPs	persistent organic pollutants
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
SO₂	sulfur dioxide
SO_x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TAC	toxic air pollutant
TiO₂	titanium dioxide
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m³	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
WCI	Western Climate Initiative
WEFSEC	Washington Energy Facility Site Evaluation Council
WDC	Washington Department of Commerce
WDOE	Washington Department of Ecology
WDOH	Washington Department of Health
WGA	Western Governors' Association
WPCF	Water Pollution Control Facility
WRAP	Western Regional Air Partnership