



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

October 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.



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Draft Stormwater Multi-Sector Permit

The U.S. Environmental Protection Agency (EPA) is revising its multi-sector general permit (MSGP) for industrial stormwater discharges and has released the 2013 draft permit for public comment. Among the proposed changes:

Eligibility: Revisions to eligibility criteria clarify which facilities could obtain coverage for stormwater discharges under the general permit (rather than an individual permit) and expand the list of pollutants that would disqualify a facility from coverage under the MSGP if detected in stormwater runoff.

Deicing: Final effluent limitation guidelines (EGLs) are added for airplane and airport deicing operations.

Deadlines for Corrective Actions: Revisions clarify that corrective action must be taken immediately (i.e., on the same day) when exceedances are detected. A 14-day deadline is imposed to complete repairs or install new or modified controls, where necessary.

Pavement Washing: Treatment of wastewater from pavement washing (including power washing) is added as a requirement.

Planning: New changes to stormwater pollution prevention plan requirements address public accessibility and streamline documentation.

Discharges to Superfund Sites: Facilities that discharge to a Superfund site must now notify the Regional EPA office.

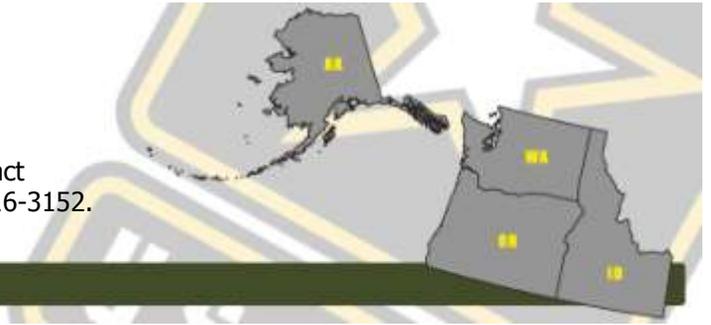
Electronic Reporting: All forms and reports (Notice of Intent, Notice of Termination, annual report, and monitoring results) now must be submitted electronically.

Although nearly all states with delegated permitting authority develop their own general stormwater permits, many base those permit terms on EPA's MSGP.

Comments on the draft MSGP are due 26 NOV 13. For more information, contact [Bryan Rittenhouse](#) at (202) 564-0577, or visit the [EPA MSGP website](#).

Region 10

For more information on any state issues in Region 10, contact [Jeff Andrews](#), Region 10 Environmental Coordinator (206) 316-3152.



AIR

FAIRBANKS: OPEN BURNING AND WOOD FIRED DEVICES The Alaska Department of Environmental Conservation (ADEC) [is proposing](#) amendments to its air quality regulations for the Fairbanks North Star Borough fine particulate matter (PM2.5) non-attainment area. The [amendments](#) to Title 18 of the Alaska Administrative Code (AAC) Chapter 50 (Air Quality Control) are intended to limit PM2.5 emissions from open burning and wood-fired devices. The proposed regulations would place restrictions on emissions from open burning (similar to previous restrictions), establish state emission standards for new wood stoves and other wood heating devices sold for use within the PM2.5 non-attainment area, and define what can be burned in solid-fuel heating devices within the area. The proposal also establishes federally required air episode levels for PM2.5. Public meetings are scheduled for 16 OCT 13 and 8 JAN 14. A public hearing is scheduled for 21 JAN 14. Comments are due 24 JAN 14. For more information, contact [Scott Sloane](#) at (907) 465-5176 or visit the [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

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



OTHER

NOXIOUS WEEDS The Idaho Department of Agriculture [added one species](#) (Water Hyacinth, *Eichhornia crassipes*) to Statewide Early Detection/Rapid Response (EDRR) Noxious Weed List. This rulemaking also removed Section 100.04, Statewide Monitor List, from the Idaho Administrative Rules, Section 02.06.22 ([Rules Governing Noxious Weeds](#)). The notice of adoption as a pending rule was published 1 OCT 13. For more information, contact Matt Voile at (208) 332-8620.

WATER

WATER QUALITY STANDARDS The Idaho Department of Environmental Quality 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 15 OCT 13. For more information, contact [Don Essig](#) at (208) 373-0119. Additional information is available on the agency's [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

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



AIR

LEV/ZEV PROGRAM RULES The Oregon Department of Environmental Quality (ODEQ) [is proposing](#) to align its Low Emission Vehicle (LEV) and Zero Emission Vehicle (ZEV) programs with 2012 revisions to the California LEV and ZEV programs. The first part of this rulemaking would adopt California LEV III program rules, which are analogous to federal 2012 Tier 3 emission rules. Both the LEV III and Tier 3 regulations will reduce fleet-average greenhouse gas (GHG) emissions from new vehicles to half their 2008 levels and reduce smog-forming compounds by approximately 70%. The second part of this proposed rulemaking would update Oregon's ZEV program by incorporating California's 2012 ZEV 2.0 regulations. The ZEV 2.0 rules increase the percentage of new cars and trucks that are pollution-free vehicles (e.g., all-electric vehicles and plug-in hybrids) and provide greater flexibility for manufacturers to choose among compliance options. A public hearing is scheduled for 15 OCT 13. Comments are due 18 OCT 13. For more information, contact [Dave Nordberg](#) at (503) 229-5519.

ENERGY

1.5% GREEN ENERGY TECHNOLOGY FOR NEW OR RENOVATED BUILDINGS The Oregon Department of Energy (ODOE) [held](#) a public meeting on draft rules that implement [House Bill \(HB\) 3169](#) (2013). HB 3169 updated the existing requirement for a public body constructing or renovating a building to spend 1.5% of the total contract price on green energy technology. The department is conducting rulemaking to align the administrative rules with the changes in HB 3169. ODOE is also proposes to make editorial changes to the existing rule language in order to clarify the process that public bodies must follow to comply with the requirements. For more information, contact [Kacia Brockman](#) at (503) 373-7955 or visit the [rulemaking website](#).

ENERGY INCENTIVE PROGRAM The Oregon Department of Energy [is proposing](#) to increase fees associated with its energy incentive program rules. The department is proposing to adopt fee increases for the application, final review, and pass-through fees associated with the renewable energy development grant, energy conservation tax credit, and transportation tax credit programs. This action would also remove the re-inspection fee for tax credits and grants. A public hearing was held 23 SEP 13. For more information, contact Kathy Stuttaford at (503) 373-2127 or visit the [rulemaking website](#).

WASTE

SOLID WASTE CONVERSION TECHNOLOGY FACILITIES ODEQ adopted a [rulemaking](#) establishing performance standards and solid waste permit requirements for conversion technology facilities and anaerobic digestion facilities. The rule identifies permitting requirements for anaerobic digestion and conversion technology facilities and establishes fee schedules for the new conversion technology facility permit category. This rulemaking also adopted grammatical and rule reference corrections for solid waste and waste tire rules; exempted certain low-risk facilities from solid waste disposal permit requirements; and made clarifying adjustments to composting rules. The [final rule](#) was effective 29 AUG 13. For more information, contact Bob Barrows at (541) 687-7354 or visit the [rulemaking website](#).

LEGISLATIVE DEVELOPMENTS

The [Oregon 2014 legislative session](#) begins 3 FEB 14 and is estimated to adjourn 8 MAR 14.



AIR

PUGET SOUND: ADOPTION BY REFERENCE The Puget Sound Clean Air Agency [is proposing](#) to specify State Environmental Policy Act (SEPA) regulations adopted by reference into local Regulation 1, Section 2.02. This action would adopt by reference those sections of Chapter 197-11 Washington Administrative Code (WAC) that were in effect as of 28 JAN 13. For more information, contact [Rob Switalski](#).

PUGET SOUND: CIVIL PENALTY CALCULATION AND ADOPTION BY REFERENCE The Puget Sound Clean Air Agency [is proposing](#) to increase its maximum civil penalty by 1.5% (\$246) to account for inflation. The agency is also proposing to update federal regulations adopted by reference to those published as of 1 JUL 13. For more information, contact [Rob Switalski](#).

PUGET SOUND: NOTICE OF CONSTRUCTION The Puget Sound Clean Air Agency [is proposing](#) to clarify its Notice of Construction (NOC) exemption list regarding metal cutting activities. The [amendments to Regulation I, Section 6.03](#) (Notice of Construction) move thermal cutting exemption criteria to the metallurgy exemption section and amend the material handling section for mechanical processes (e.g., cutting, sanding, etc.). The proposed rulemaking would require thermal cutting of stainless steel installed after 1 NOV 13 to be subject to NOC review. It exempts thermal cutting of metal alloys that are not classified as stainless steel and exempts thermal cutting of any metal (including stainless) if it is incidental to plant maintenance activities. Comments were due 25 SEP 13. A public hearing was held the next day. For more information, contact [Rob Switalski](#).

SPOKANE: AIR EMISSIONS FEE SCHEDULE The Spokane Clean Air Agency [is proposing](#) to move its air operating permit (OAP) fee into its consolidated fee schedule and to increase the OAP fee from \$31.11/ton to \$58/ton. This action would revise local rule Regulation I, Article X, Section 10.06. Comments were due 2 OCT 13. A public hearing was held 3 OCT 13. For more information, contact [Joe Southwell](#) at (509) 477-4727.

HAZARDOUS MATERIALS

TRANSPORTATION OF HAZARDOUS MATERIALS The Washington State Patrol [adopted updates](#) to its rules for transport of hazardous materials. The updates align State Patrol rules with state and federal requirements published in Title 49 of the Code of Federal Regulation (CFR). The [final amendments](#) were effective 4 OCT 13. For more information, contact [William Balcom](#) at (360) 596-3807.

RADIOACTIVE MATERIALS The Washington Department of Health [is proposing](#) to align state rules for licensing of radioactive materials with federal Nuclear Regulatory Commission's (NRC) rules. This action would update Chapter 246-232 (Radioactive Material—Licensing Applicability), 233 (Radioactive Materials—General Licenses), and 235 WAC (Radioactive Materials—Specific Licenses). The department intends to adopt the updates 25 OCT 13.

WASTE

HAZARDOUS WASTE RULES: UPDATES AND INCORPORATION BY REFERENCE The Washington Department of Ecology (WADOE) [is proposing](#) to incorporate by reference certain federal hazardous waste regulations into state rules. The amendments would amend Chapter 173-303 WAC (Dangerous Waste Regulations) by incorporating a new rule simplifying waste management at university and college laboratories, making changes to import/export rules, and

adding an exclusion for refinery wastes recycled in a gasification process. This rulemaking would update some state-only requirements and make a number of technical and editorial corrections and clarifications. Other changes would:

- Clarify rules for special wastes;
- Clearly define which facilities are allowed to receive dangerous waste from off-site sources;
- Add an exclusion for water contaminated fuels generated at petroleum fuel storage tank terminals;
- Adopt a federal rule that allows use of enforceable documents in place of a post closure permit,
- Clarify rules for professional engineers performing certifications; and
- Clarify test methods (publication 97-407).

LOW LEVEL RADIOACTIVE WASTE SITE RULES The Washington Department of Health [adopted](#) a rulemaking that transfers authority for the low-level radioactive waste site use permit program from WADOE to the Department of Health. This action was taken in response to [HB 2304 \(2012\)](#). The department adopted WADOE's existing rules without material change. The [final rule](#) was effective 12 SEP 13.

WATER

FLUORIDE IN DRINKING WATER The Washington Board of Health [is considering](#) revisions to state rules governing fluoridation of drinking water. Chapter 246-290-460 WAC establishes a fluoride concentration range (for public drinking water systems that choose to fluoridate) based on federal recommendations. Because the U. S. Department of Health and Human Services (HHS) is currently considering changing its recommendation for an optimal fluoride level in drinking water, the board will consider revising its rule based on changes to HHS recommendations. On 4 SEP 13 the board issued an advisory notifying the public of possible rulemaking. For more information, contact [Ned Therien](#) at (360) 236-4103.

WATERWORKS OPERATOR CERTIFICATION The Washington Board of Health [is proposing](#) to amend Chapter 246-292 WAC (Waterworks Operator Certification). The amendments would incorporate requirements from Senate Bill ([SB 1283 \(2009\)](#)), clarify rule language, and update the rule to include department guidance and current program practices. This rule affects certified operators; Group A public water systems; cross-connection control specialists (CCS); and backflow assembly testers (BAT). A public hearing was held 27 SEP 13. Comments were due the same day.

LEGISLATIVE DEVELOPMENTS

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

Department of Defense Activity

2014 SECRETARY OF DEFENSE ENVIRONMENTAL AWARDS DoD is requesting nominations for the 2014 Secretary of Defense Environmental Awards. Nominations should be submitted in accordance with the [2014 Secretary of Defense Environmental Awards Memo and Guidance](#) by 3 MAR 14. Each Military Service and Defense Agency may submit one nomination for each of the five Installation and four Individual/Team award categories for accomplishments during the period 1 OCT 11 through 30 SEP 13.

Federal Activity

AIR

NESHAPS FOR RECIPROCATING INTERNAL COMBUSTION ENGINES EPA is requesting comment on possible amendments to National Emission Standards for Hazardous Air Pollutants (NESHAP) for stationary reciprocating internal combustion engines, and source standards of performance for stationary internal combustion engines ([78 FR 54606](#)). EPA is requesting comment on ultra-low sulfur diesel fuel requirement for emergency compression ignition (CI) diesel engines; reporting requirements for certain emergency engines; and conditions for operation for up to 50 hours per year in non-emergency situations. Comments are due 4 NOV 13. For more information, contact [Melanie King](#) at (919) 541-2469.

WASHINGTON SIP: PUGET SOUND EPA approved revisions to the Puget Sound Clean Air Agency portion of the Washington State Implementation Plan (SIP) regarding local control measures limiting volatile organic compound (VOC) emissions ([78 FR 57073](#)). The final rule is effective 17 OCT 13. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

WASHINGTON SIP: TACOMA-PIERCE EPA is approving a request by the state of Washington to establish motor vehicle emission budgets for the Tacoma-Pierce County PM_{2.5} nonattainment area ([78 FR 57503](#)). This final rule is effective on 21 OCT 13. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

CLIMATE CHANGE

GHG REPORTING REVISIONS EPA is proposing amendments to reporting and recordkeeping requirements and an alternative verification approach for the GHG reporting rule ([78 FR 55993](#)). The amendments concern the use of the agency's inputs verification tool that is deployed within EPA's [Electronic Greenhouse Gas Reporting Tool \(e-GGRT\)](#). The tool verifies the inputs, but due to privacy concerns, does not retain them. Comments are due 12 NOV 13. For more information, contact [Carole Cook](#) at (202) 343-9263.

CO₂ STANDARDS FOR NEWLY CONSTRUCTED ELECTRIC GENERATING UNITS In advance of publication in the Federal Register, EPA [released revisions](#) to its [March 2012 proposed rule](#) to reduce carbon dioxide (CO₂) emissions from all new coal and natural gas-fired power plants. The initial proposed rule would limit CO₂ emissions from new power plants. After reviewing comments on the initial proposed rule, the agency is proposing to set separate standards for natural gas-fired turbines and coal-fired units. Comments will be due 60 days after publication in the Federal Register. For more information, contact [Lina Younes](#) at (202) 564-9924 or visit the [rulemaking website](#), which has links to proposed text, fact sheets, and regulatory analyses.

ANNUAL GREENHOUSE GAS REPORTING TOOL UPDATED The Department of Energy's (DOE's) Federal Energy Management Program (FEMP) released the [Annual GHG and Sustainability Data Report, Version 4.1](#) for FY 2013 reporting by federal agencies. Users enter scope 1, 2, and 3 GHG emissions and estimate scope 3 indirect emissions using the report, which is a Microsoft Excel workbook. The report provides users with performance results for other sustainability goals. The report also accepts outputs from the Federal [Automotive Statistical Tool \(FAST\)](#) to calculate the GHG emissions from federal covered fleet fuel use. [Additional information](#) can be found on the DOE website. For more information, contact [Chris Tremper](#) at (202) 586-7632 or visit FEMP's website for [GHG and sustainability reporting](#).

ENERGY

OFFSHORE WIND ENERGY LEASING: OREGON The Bureau of Ocean Energy Management (BOEM) published a Request for Interest (RFI) for a proposed wind energy development project off the Oregon coast ([78 FR 59968](#)). The proposed project would consist of a floating wind energy demonstration facility located 16 miles offshore Coos Bay, Oregon. The project is designed to generate 30 megawatts (MW) of electricity from five floating units, each equipped with a 6-MW offshore wind turbine, connected by inter-unit electrical cabling, with a single transmission cable exporting electricity to the mainland that would extend across both federal and state lands. This RFI is published pursuant to Outer Continental Shelf (OCS) Lands Act, as amended and its implementing regulations. The regulations require that OCS renewable energy leases, easements, and rights-of-way be issued "on a competitive basis" unless the Secretary of the Interior determines that there is no competitive interest. This announcement also requests that affected parties comment and provide information about site conditions and multiple uses within the area identified in this notice that would be relevant to the proposed project or its impacts. Comments are due 30 OCT 13. For more information, contact Jean Thurston at (805) 384-4704.

OTHER

ONLINE MAPPING TOOL FOR ENVIRONMENTAL IMPACT STATEMENTS EPA launched an interactive web-based mapping tool, [EIS Mapper](#), that provides information on Environmental Impact Statements filed with EPA for major projects proposed on federal lands and other proposed federal actions. Users can click on any state for a list of EISs, including information about the potential impacts of these projects.

THREATENED & ENDANGERED SPECIES

INCIDENTAL TAKE The U.S. Fish and Wildlife Service (FWS) and the National Marine Fisheries Service (NMFS) are proposing to revise regulations governing consultation regarding incidental take statements ([78 FR 54437](#)). The services are considering amendments to two areas: the use of surrogates to express the amount/extent of anticipated incidental take; and incidental take statements for programmatic actions where implementation of the program requires later actions that will be subject to consultation and incidental take statements. Comments are due 4 NOV 13. For more information, contact Rick Sayers at (703) 358-2171.

GRAY WOLF DELISTING FWS extended the public comment period on its [recent](#) proposal to delist the gray wolf (*Canis lupus*) but to maintain endangered status for the Mexican wolf (*Canis lupus baileyi*) by listing it as a subspecies ([78 FR 54614](#)). The public comment period was extended to 28 OCT 13. Additionally, three public meetings were held in September and early October 2013. For more information, contact FWS Headquarters Office, Ecological Services at (703) 358-2171.

CANADA LYNX CRITICAL HABITAT FWS is proposing to designate revised critical habitat for the contiguous U.S. distinct population segment (DPS) of the Canada lynx and to revise the boundary of the Canada lynx DPS ([78 FR 59429](#)). This action, which is being taken in response to litigation, would extend Endangered Species Act (ESA) protections to the Canada lynx wherever it occurs in the contiguous United States. It would rescind the existing boundary of the lynx DPS (based on state boundaries within the historic distribution of lynx) and replace it with a DPS definition that extends ESA protections to lynx wherever they occur. In total, the agency is proposing to designate 41,547 square miles of critical habitat in five units in Idaho, Maine, Minnesota, Montana, Washington, and Wyoming and to redesignate those areas designated in 2009 along with additional areas in northern Maine and northwestern Wyoming. In addition, the agency is proposing to exclude from critical habitat Tribal lands and some state and private lands managed in accordance with approved lynx conservation plans. Comments are due 26 DEC 13. For more information, contact Jodi Bush at (406) 449-5225.

DELISTING: HUMPBACK WHALE NMFS initiated a status review of the North Pacific population of the humpback whale to determine whether to identify it as a distinct population segment (DPS) and to delist the species if warranted ([78](#)

[FR 53391](#)). Comments are due 28 OCT 13. For more information, contact Marta Nammack at (301) 427-8469 or visit the [species profile website](#).

NORTHERN SEA OTTER RECOVERY PLAN FWS announced the availability of a recovery plan for the southwest Alaska DPS of the northern sea otter (*Enhydra lutris kenyoni*) ([78 FR 54905](#)). A copy of the recovery plan is available from the FWS [sea otter website](#).

MAZAMA POCKET GOPHER FWS removed five subspecies of Mazama pocket gopher (Tacoma, Brush Prairie, Shelton, Olympic, and Cathlamet) from the list of candidates for listing as a threatened or endangered species ([78 FR 54214](#)). The agency found that the Tacoma pocket gopher is likely extinct; the Brush Prairie pocket gopher was misidentified as a subspecies of Mazama pocket gopher and was added to the list in error; and listing of the Shelton, Olympic, and Cathlamet pocket gophers is not warranted. The subspecies are found in Oregon. For more information, contact Ken Berg at (360) 753-9440.

MAZAMA POCKET GOPHER FWS announced a six-month extension of the final determination of whether to list four subspecies of Mazama pocket gopher (Roy Prairie, Olympia, Tenino, and Yelm) as threatened and reopen the comment period on the proposed rule to list and designate critical habitat for these four subspecies ([78 FR 54218](#)). Comments are due 18 OCT 13. For more information, contact Ken Berg at (360) 753-9440.

OREGON SPOTTED FROG FWS extended the public comment period on its proposed [listing](#) and [critical habitat designation](#) for the Oregon spotted frog (*Rana pretiosa*) ([78 FR 59334](#)). Comments are due 12 NOV 13. A public hearing is scheduled for 21 OCT 13. The species is found in Washington and Oregon. For more information, contact Ken Berg at (360) 753-9440.

TOXICS

CHEMVIEW EPA launched a new web-based tool, [ChemView](#), that provides access to chemical specific regulatory information and data submitted under the Toxic Substances Control Act (TSCA). The ChemView web tool displays health and safety data in format that allows comparison of chemicals by use and by health or environmental effects. The ChemView database is being populated in phases, and currently contains information on more than 1,500 chemicals.

WATER

WATER QUALITY STANDARDS EPA is proposing changes to the federal water quality standards (WQS) regulation in program areas including ([78 FR 54517](#)):

- EPA determinations that new or revised Water Quality Standards are necessary,
- Designated uses of water bodies,
- Antidegradation implementation,
- Provisions authorizing the use of permit-based compliance schedules, and
- Requirements of triennial reviews.

[An informational meeting and a webinar](#) is scheduled for 23 OCT 13 in Washington, DC. The webinar will be held on 14 NOV 13. Comments are due 3 DEC 13. For more information, contact [Janita Aguirre](#), (202) 566-1860.

Professional Development

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER - [FedCenter.gov](#)

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](#);
- 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. Fees may vary.

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).

VARIOUS DATES AND TIMES ONLINE

22 OCT 13, INTRODUCTION TO UTILITY ENERGY SERVICE CONTRACTS (UESC) This [Federal Energy Management Program \(FEMP\) UESC Webinar](#) provides attendees with an overview of the contracting options and services available from their local utility companies to engineer, finance, and install cost-effective energy and water savings projects. Participants are walked through the typical project process from the audit phase to commissioning the equipment. This webinar introduces participants to UESCs and helps assess if this financing opportunity is appropriate for their project.

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.

UTILITY ENERGY PROJECT INCENTIVE FUNDS This FEMP course teaches federal agencies about financing the capital costs of energy improvement projects from savings generated through energy efficiency measures funded by utilities,

public benefit funds, and other resources. The training opportunity targets federal energy, environmental, and fleet professionals and is offered at no cost by leading experts. [The training session is delivered live via satellite or through streaming media at your desktop.](#)

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. Presentations include: [From Icefield to Ocean: Impacts of Glacier Change in Alaska](#); [Fish Habitat and Climate Change](#); [Impacts of Climate Change and Melting Glaciers on Coastal Ecosystems in the Nearshore Waters of the Gulf of Alaska](#); [Climate Change in Higher Elevation Ecosystems](#); and [Can Camouflage Keep up with Climate Change](#).

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 provides 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 INITIATIVE – 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. For detailed webinar descriptions please visit the [REPI website](#).

DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS The U.S. Army offers numerous environmental training courses. Information on training providers and fiscal year class schedules are available on the [US Army Environmental Command \(AEC\) website](#).

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.

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.

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL (ITRC) INTERNET BASED TRAINING 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.

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.

NATIONAL ENFORCEMENT TRAINING INSTITUTE EPA environmental enforcement training opportunities are offered (e-learning, classroom, and webinar) for federal, state, tribal and local government environmental enforcement professionals.

How the Regional Offices Work for You

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

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

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

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Acronyms

ADEC	Alaska Department of Environmental Conservation
ADFG	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ATSDR	Agency for Toxic Substances and Disease Registry
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
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
SI	spark-ignition
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