



U.S. ARMY

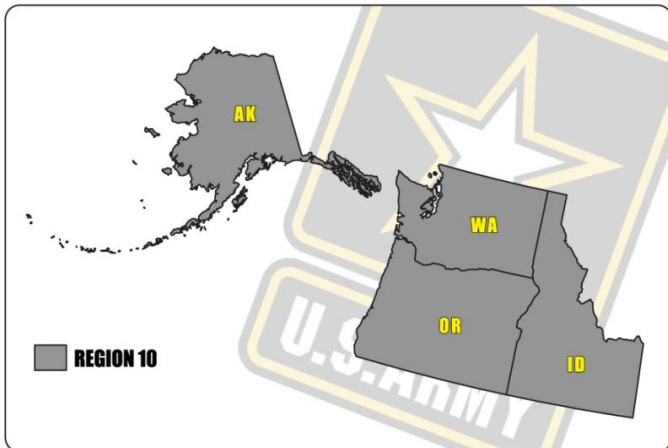
# Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

March 2015

The REGION 10 *WESTERN REVIEW* publishes environmental and energy related developments for DoD/Army leaders and installation staff. Covering the four states in Federal Region 10, the *Western Review* gives early notice of legislative and regulatory activities relevant to DoD interests. The *Review* also helps installations meet ISO 14001 environmental management system requirements. Find out more about the Army Regional Environmental and Energy Offices [here](#). Click [here](#) to browse back issues of the *Western Review*. To read back issues of other Regional Office *Reviews*, click on a region of the REEO website's U.S. map and then select "Publications." To receive a copy of this electronic publication, [send a subscription request](#).



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### Water Rights for Army Installations: Implementing Guidance

On 6 FEB 15, the Office of Assistant Chief of Staff for Installation Management (OACSIM) issued a memorandum to Army Commands specifying Army water rights policy and water resources management for Army installations.

The memorandum was accompanied by a document titled *Implementing Guidance for Water Rights and Water Resources Management Policies* for Army Commands. The guidance specifies tasks and timelines and assigns responsibilities for identifying, asserting, and preserving the Army's water rights to ensure the Army has enough water to carry out its mission without significant disruption.

Commands are required to provide OACSIM with a status update by May 2015 on their installation's progress toward complying with water rights requirements.

Installations are required to locate and retain existing water rights records; create an index of each record; maintain records; summarize their state's water rights legal landscape; determine the amount of water they use, the amount necessary to maintain essential services, and all available water sources; identify current/past water rights conflicts or ongoing adjudications; and file timely reports. In addition, the guidance requires installations to form a working group to accomplish these tasks.

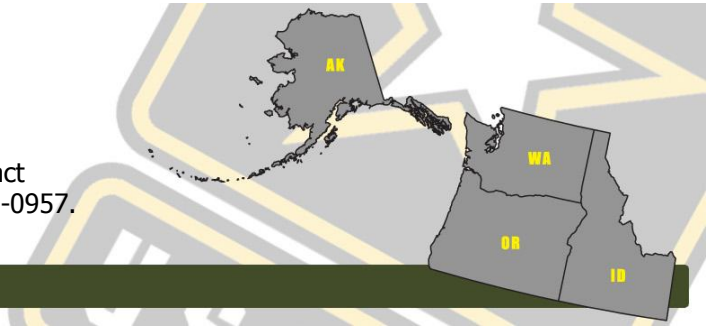
OACSIM referenced two previous memorandums with its water rights policy:

- OUSD(AT&L), 23 May 14, [Water Rights and Water Resources Management on Department of Defense Installations and Ranges in the United States and Territories](#)
- SECARMY, 12 MAY 14, Army Directive 2014-08, [Water Rights Policy for Army Installations in the United States](#)

For more information, contact [Debra Kemp](#) (571) at 256-8153.

# Region 10

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



## **AIR**

**PM2.5: WOOD HEATING DEVICES** The Alaska Department of Environmental Conservation (ADEC) [adopted](#) a suite of regulations governing emissions of fine particulate matter (PM2.5). The revisions establish federally required air episode levels for PM2.5, place limits on open burn periods, establish emission standards for new wood stoves and other wood heating devices sold for use within the Fairbanks PM2.5 non-attainment area, and define what can be burned in solid-fuel heating devices operating within the non-attainment area. The final rule was effective 28 FEB 15. For more information, contact [Scott Sloane](#) at (907) 465-5176.

## **WATER**

**2015 ANADROMOUS WATERS CATALOG** The Alaska Department of Fish and Game [is proposing](#) to revise and update the *Atlas to the Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes* and the *Catalog of Waters Important for the Spawning, Rearing, or Migration of Anadromous Fishes*. The department is proposing to update the list of rivers, lakes, and streams in the atlas and catalog. Species-specific information will be used in place of undifferentiated species information wherever possible. Comments were due 3 MAR 15. For more information, contact [Ginny Litchfield](#).

**TRIENNIAL REVIEW** ADEC [is inviting public comment](#) on potential issues and updates associated with its triennial review of state water quality standards. The federal Clean Water Act (CWA) requires states to conduct a review of topics associated with state water quality standards on a triennial basis. The review is a planning process (not a rulemaking) and will not directly result in new regulations. The public comment period [was extended](#) to 30 MAR 15. For more information, contact Brock Tabor at (907) 465-5185 or visit ADEC's [triennial review website](#).

## **LEGISLATIVE DEVELOPMENTS**

The [Alaska 2015 legislative session](#) began 20 JAN 15 and adjourns 17 APR 15. An \* indicates the first time a bill appears in the 2015 Review.

<i>Alaska Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<b>AIR/CLIMATE CHANGE</b>				
* <a href="#">HB 1</a> <i>Representative Bob Herron (D)</i> Proposes to declare an Arctic Policy for the state. Declares the state should create an official body to develop strategies and policies for the Arctic region that responds to priorities and needs of state residents. Declares the policy will be implemented through statutes and regulations. Strengthens coordination and communication with nations and international bodies developing Arctic policies.	✓	✓		
* <a href="#">SB 16</a> <i>Senator Lesil L. McGuire (R)</i> Proposes to declare an Arctic Policy for the state. Declares the state should create an official body to develop strategies and policies for the Arctic region that responds to priorities and needs of state residents. Declares the policy will be implemented through statutes and regulations. Strengthens coordination and communication with nations and international bodies developing Arctic policies.	✓			
<b>ENERGY</b>				
<b>LAND USE</b>				
<b>NATURAL RESOURCES</b>				
<a href="#">HB 38</a> <i>Representative Paul K. Seaton (R)</i> Proposes to establish an aquatic invasive species response fund.	✓			
<a href="#">HB 20</a> <i>Representative Harriet Drummond (D)</i> Proposes to limit the application of neonicotinoid pesticides.	✓			
<b>OTHER</b>				
* <a href="#">SJR 14</a> <i>Senator John B. Coghill (R)</i> Proposes to urge the U.S. Army to maintain the current level of its combat-capable structure in the state and apply the No Action Alternative provision to both Fort Wainwright and Joint Base Elmendorf-Richardson.	✓			
<b>WASTE</b>				
<b>WATER</b>				



## ***LEGISLATIVE DEVELOPMENTS***

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

## ***AIR***

**OREGON CLEAN FUELS PROGRAM** The Oregon Department of Environmental Quality (ODEQ) [adopted](#) amendments to the Oregon Clean Fuels Program, Chapter 340 Oregon Administrative Rules (OAR). The amendments implement [House Bill 2186 \(2009\)](#) by establishing clean fuel standards to reduce greenhouse gas (GHG) emissions from Oregon's transportation fuels by 10% over a 10-year period. The final rules require importers of transportation fuels to reduce the average carbon intensity of fuels they provide in Oregon to meet the annual clean fuel standards. A fuel importer is defined as the owner of the fuel when it crosses into Oregon. The final rule was effective 1 FEB 15. For more information, contact Maggie Vandehey at (503) 229-6878.

**TITLE V PERMIT FEES** ODEQ [adopted](#) amendments to adjust Title V operating permit fees by the change in the consumer price index. The adopted rules will increase fees an additional 1.6% in invoice year 2015. The final rule was effective 7 JAN 15.

## ***NATURAL RESOURCES***

**SALMONID HABITAT MAPS** The Oregon Department of State Lands [adopted](#) revised Essential Indigenous Anadromous Salmonid Habitat (ESH) maps based on current data and standards. The update resulted in addition of new stream reaches and deletion of others. There was a net increase of 500 stream miles (approximately 3%) over the current 2010 ESH designation. The [final maps](#) were effective 1 MAR 15. For more information, contact Tiana Teeters at (503) 986-5239.

## ***WATER***

**WATER QUALITY STANDARDS: AMMONIA** ODEQ [adopted](#) new and amended water quality standards for ammonia. The amendments adopt Environmental Protection Agency's (EPA's) latest 2013 national recommendations for freshwater ammonia criteria, amend the Umatilla Basin-specific standards and uses, and make housekeeping and other corrections. The final rule amending Chapter 340 Oregon Administrative Rules (OAR) was effective 7 JAN 15. For more information, contact [Andrea Matzke](#) at (503) 229-5384.

**WATER QUALITY PERMIT FEE** ODEQ [refiled](#) a previously adopted and filed water quality permit fee increase. The refiled rule corrects a clerical error. Effective 1 DEC 14, ODEQ [adopted](#) amendments increasing water quality fees by 2.9% for individuals, businesses and government agencies that hold National Pollutant Discharge Elimination System (NPDES), Water Pollution Control Facility, and Water Pollution Control Facility permits specific to onsite septic systems. The fee increases do not apply to suction dredge discharge. The fee increases were effective 3 FEB 15.

## ***LEGISLATIVE DEVELOPMENTS***

The [Oregon 2015 legislative session](#) began 2 FEB 15 and is estimated to adjourn 11 JUL 15. An \* indicates the first time a bill appears in the 2015 Review.

Oregon Bill Number, Sponsor, and Description	Bill Introduced	Passed 1st House	Passed 2nd House	Status
<b>AIR/CLIMATE CHANGE</b>				
<a href="#">HB 2499</a> <i>Representative Gail Whitsett (R)</i> Proposes to prohibit the Department of Environmental Quality from adopting any air (or water) quality standard that exceeds that imposed by federal law.	✓			
<a href="#">HB 2572</a> <i>Representative Phil Barnhart (D)</i> Proposes to require carbon footprint labeling on all consumer products sold or offered for sale in state on and after 1 JAN 16.	✓			
<a href="#">*HB 3250</a> <i>House Interim Committee on Energy And Environment</i> Proposes to require the Department of Environmental Quality to adopt a carbon cap-and-trade program.	✓			
<a href="#">*HB 3310</a> <i>Representative Mitch Greenlick (D)</i> Proposes to require the Environmental Quality Commission to adopt standards and programs for on-road and nonroad diesel engines by 1 JAN 20.	✓			
<a href="#">HJR 10</a> <i>House Interim Committee on Revenue</i> Proposes to allow the legislature to tax carbon emissions in order to reduce carbon emissions and carbon fuel use.	✓			
<a href="#">SB 21</a> <i>Senate Interim Committee on Environment and Natural Resources</i> Proposes to establish a task force on clean air fee or tax implementation to develop recommendations to implement a clean air fee or tax.	✓			
<b>ENERGY</b>				
<a href="#">*HB 2946</a> <i>House Interim Committee on Energy And Environment</i> Proposes to allow the Public Utility Commission to allow electric utilities to include energy conservation costs when setting rates.	✓			
<a href="#">SB 95</a> <i>Senate Interim Committee on Veterans and Emergency Preparedness</i> Proposes to address safety systems for fuel distribution. Requires facilities dispensing class I flammable liquids (or diesel) to have a manually operated system capable of dispensing fuel if its electrical power supply is disrupted.	✓			
<a href="#">SB 477</a> <i>Senator Chris Edwards (D)</i> Proposes to require electric companies to reduce electricity from coal-derived generating resources to zero on or before 1 JAN 25.	✓			
<b>LAND USE</b>				
<a href="#">*HB 3240</a> <i>Representative Carl Wilson (R)</i> Proposes to establish a task force on the transfer of federal land ownership in Oregon.	✓			
<a href="#">*HJM 7</a> <i>Representative Bill Kennemer (R)</i> Proposes to urge the U.S. Congress to return all public lands, including lands operated by the Department of Defense, to the state.	✓			
<b>NATURAL RESOURCES</b>				

Oregon Bill Number, Sponsor, and Description	Bill Introduced	Passed 1st House	Passed 2nd House	Status
<b>OTHER</b>				
<a href="#">HB 2189</a> <i>House Interim Committee on Energy and Environment</i> Proposes to require the Department of Health to adopt standards for labeling articles containing "hazardous substances." Defines hazardous substance.	✓			
<a href="#">HB 2241</a> <i>Representative John Davis (R)</i> Proposes to address cleanup of hazardous waste. Requires the Department of Environmental Quality to develop a single process to meet state and federal requirements for hazardous waste cleanup and release from liability.	✓			
<a href="#">HB 2589</a> <i>Representative Paul R. Holvey (D)</i> Proposes to prohibit the application of neonicotinoid pesticides in the state.	✓			
<b>WASTE</b>				
<a href="#">SB 245</a> <i>at the request of Governor John A. Kitzhaber</i> Proposes to modify solid waste facility permit fees. Adjusts tipping and other fees. Authorizes the Department of Environmental Quality to establish compost facility fees.	✓			
<a href="#">SB 263</a> <i>at the request of Governor John A. Kitzhaber</i> Proposes to expand recycling of solid waste. Updates statewide goals for recovery of materials from solid waste. Establishes specific recovery goals for specified materials.	✓			
<a href="#">SB 412</a> <i>Senator Arnie Roblan (D)</i> Proposes to define when rock, gravel, sand, silt, and other similar materials removed from waters of the state are not solid waste.	✓			
<b>WATER</b>				
<a href="#">HB 2498</a> <i>Representative Gail Whitsett (R)</i> Proposes to prohibit the Department of Environmental Quality from adopting water quality standards that exceed those imposed by federal law.	✓			
<a href="#">SB 262</a> <i>at the request of Governor John A. Kitzhaber</i> Proposes to increase fees associated with the oil spill prevention program.	✓			
<a href="#">*SB 537</a> <i>Senator Jeff Kruse (R)</i> Proposes to establish a task force to address "standing" in water proceedings. Requires the task force to review and evaluate Oregon laws, policies, and procedures affecting the ability to obtain standing in an administrative or judicial proceeding. Requires the task force to prepare a report to the legislature.	✓			



## CLIMATE CHANGE

**CLEAN FUEL STANDARD** The Washington Department of Ecology (WADOE) has been directed by Governor Jay Inslee to engage the public, interested parties, and legislators prior to any rulemaking to elicit ideas and discussion about a [potential clean fuel standard](#). WADOE published a [discussion document](#) and [highlights](#) to jumpstart dialogue. [Public meetings](#) were held in February 2015. A clean fuel standard would set limits on the amount of carbon in transportation fuels in Washington state. Fuel producers and importers would be required to gradually introduce less-polluting fuels to decrease carbon pollution. The discussion document includes potential components for compliance, as well as an approach to prevent fuel costs from rising. Comments were due 4 MAR 15. For more information, contact [Camille St. Onge](#) at (360) 584-6501.

**GHG REPORTING RULE** WADOE [adopted](#) amendments to Chapter 173-441 Washington Administrative Code (WAC) (Reporting of Emissions of Greenhouse Gases). The amendments revise global warming potentials, update calculation and monitoring methods, streamline reporting requirements, and make housekeeping corrections. The amendments do not change requirements for transportation fuel suppliers or facility reporting thresholds, confidential business information, or fees. The final rule was effective 1 MAR 15. For more information, contact [Stacey Callaway](#) at (360) 407-7528 or view [this notice](#).

## LEGISLATIVE DEVELOPMENTS

The [Washington 2015 legislative session](#) began 12 JAN 15 and adjourns 14 MAR 15. An \* indicates the first time a bill appears in the 2015 Review.

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<b>AIR/CLIMATE CHANGE</b>				
<a href="#">HB 1314</a> <i>Representative Joe Fitzgibbon (D)</i> Proposes to establish the Carbon Pollution Accountability Act. Requires the Department of Ecology to implement a carbon market to allow national and international carbon trade. Companion bill is SB 5283.	✓			
* <a href="#">HB 1881</a> <i>Representative Shelly Short (R)</i> Proposes to prohibit the implementation of a low-carbon fuel standard in the state. Prohibits Washington state from creating rules or otherwise implementing a low carbon fuel standard without the express direction from the legislature.	✓			
* <a href="#">HB 1891</a> <i>Representative Jake Fey (D)</i> Proposes to require the Department of Ecology to analyze certain stage II gasoline vapor recovery system requirements. Companion bill is SB 5330.	✓			
<a href="#">SB 5283</a> <i>Senator Kevin Ranker (D)</i> Proposes to establish the Carbon Pollution Accountability Act. Requires the Department of Ecology to implement a carbon market to allow national and international carbon trade. Companion bill is HB 1314.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<b>SB 5330</b> <i>Senator John Braun (R)</i> Proposes to require the Department of Ecology to analyze certain stage II gasoline vapor recovery system requirements. Companion bill is HB 1891.	✓			
<b>*SB 5735</b> <i>Senator Doug Ericksen (R)</i> Proposes to revise the energy independence act to provide incentives for carbon reduction investments.	✓			
<b>*SB 5874</b> <i>Senator Doug Ericksen (R)</i> Propose to establish the Washington Coal Generation Retirement Program Act. Promotes the retirement of coal-fired electric generation facilities.	✓			
<b>ENERGY</b>				
<b>LAND USE</b>				
<b>*HB 2036</b> <i>Representative Joe Fitzgibbon (D)</i> Proposes to require the Department of Ecology to develop two general permits for development projects exempt from the substantial development permit requirements of the shoreline management act. The permits would apply to projects east or west of the crest of the Cascade Mountains, respectively.	✓			
<b>NATURAL RESOURCES</b>				
<b>HB 1200</b> <i>Representative Elizabeth Scott (R)</i> Proposes to address enforcement of Department Fish and Wildlife rules or policies. Prohibits the department from enforcing rules/policies until they have been adopted into the state administrative code and ratified by the Legislature. Allows the Governor or either branch of the Legislature to void a rule or policy developed by the Department of Fish and Wildlife. Companion bill is SB 5372.	✓			
<b>HB 1225</b> <i>Representative Joel Kretz (R)</i> Proposes to address state listing of endangered species. Requires the Fish and Wildlife Commission to consider removing/reclassifying state-listed threatened/endangered/sensitive species on a regional basis, for species listed on a statewide basis.	✓			
<b>HB 1708</b> <i>Representative Tom Dent (R)</i> Proposes to clarify that irrigation district facilities are not within the definition of shorelands. Companion bill is SB 5554.	✓			
<b>SB 5372</b> <i>Representative Judith Warnick (R)</i> Proposes to address enforcement of Department Fish and Wildlife rules or policies. Prohibits the department from enforcing rules/policies until they have been adopted into the state administrative code and ratified by the Legislature. Allows the Governor or either branch of the Legislature to void a rule or policy developed by the Department of Fish and Wildlife. Companion bill is HB 1200.	✓			
<b>SB 5554</b> <i>Representative Judith Warnick (R)</i> Proposes to clarify that irrigation district facilities are not within the definition of shorelands. Companion bill is HB 1708.	✓			



<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* <a href="#">SB 5938</a> <i>Senator Brian Dansel (R)</i> Proposes to prohibit the Fish and Wildlife Commission from designating the gray wolf as threatened, endangered, or sensitive in any area of the state where it has been federally delisted.	✓			
* <a href="#">SB 5969</a> <i>Senator Sharon Brown (R)</i> Proposes to address environmental analysis under the National Environmental Policy Act. Exempts certain certifications from state environmental policy act requirements.	✓			
<b>OTHER</b>				
<a href="#">HB 1472</a> <i>Representative Joe Fitzgibbon (D)</i> Proposes to establish the Toxics Reduction Act. Requires the state to identify "Washington priority chemicals," develop chemical action plans for some of the identified chemicals, and establish policy to limit/prohibit the purchase of products containing Washington priority chemicals. Companion bill is SB 5406.	✓			
<a href="#">HB 1449</a> <i>Representative Jessyn Farrell (D)</i> Proposes to address oil transportation safety. Regulates oil transport by rail. Companion bill is SB 5087.	✓			
* <a href="#">HB 1984</a> <i>Representative Gerry Pollet (D)</i> Proposes to prohibit the use of phthalates (including bisphenol A) in food or beverage containers above a specified level. Prohibits the distribution of such containers to youth.	✓			
* <a href="#">HB 2106</a> <i>Representative Richard Muri (R)</i> Proposes to allow testing of autonomous vehicles within the boundaries of Joint Base Lewis-McChord.	✓			
<a href="#">SB 5087</a> <i>Senator Christine Rolfes (D)</i> Proposes to address oil transportation safety. Regulates oil transport by rail. Companion bill is HB 1449.	✓			
<a href="#">SB 5406</a> <i>Senator Andy Billig (D)</i> Proposes to establish the Toxics Reduction Act. Requires the state to identify "Washington priority chemicals," develop chemical action plans for some of the identified chemicals, and establish policy to limit/prohibit the purchase of products containing Washington priority chemicals. Companion bill is HB 1472.	✓			
<b>WASTE</b>				
* <a href="#">HB 1845</a> <i>Representative Richard DeBolt (R)</i> Proposes to require the Department of Ecology to develop a new program for pharmaceutical waste disposal. Abandons the department's April 2008 interim enforcement policy for pharmaceutical waste. Requires coordination with regulated entities. Companion bill is SB 5577.	✓			
<a href="#">SB 5432</a> <i>Senator Maralyn Chase (D)</i> Proposes to prohibit retailers from providing carryout plastic bags unless they are compostable.	✓			

<i>Washington Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<b>SB 5577</b> <i>Senator John Braun (R)</i> Proposes to require the Department of Ecology to develop a new program for pharmaceutical waste disposal. Abandons the department's April 2008 interim enforcement policy for pharmaceutical waste. Requires coordination with regulated entities. Companion bill is HB 1845.	✓			
<b>WATER</b>				
<b>*HB 1715</b> <i>Representative Strom Peterson (D)</i> Proposes to address onsite sewage systems in the twelve counties bordering the Puget Sound. Authorizes the local board of health to collect on-site sewage system fees. Restricts how fees can be spent.	✓			
<b>*HB 1836</b> <i>Representative Derek Stanford (D)</i> Proposes to address drought preparedness. Specifies that the Department of Ecology can take actions in response to drought. Specifies limits.	✓			
<b>SB 5491</b> <i>Senator Linda Parlette (R)</i> Proposes to ensure that reservations of water are maintained for certain future uses included in rules establishing levels and flows.	✓	✓		
<b>SB 5584</b> <i>Senator Brian Dangel (R)</i> Proposes to require water quality decisions be based on actual test results.	✓			
<b>*SB 5801</b> <i>Senator Kirk Pearson (R)</i> Proposes to create the Washington Water Commission and transfers certain powers, duties, and functions pertaining to water resources from the Department of Ecology to the commission.	✓			
<b>*SB 5965</b> <i>Senator Judith Warnick (R)</i> Proposes to address groundwater withdrawals. Requires the Department of Ecology to produce a report evaluating options for mitigating the effects of permit-exempt groundwater withdrawals on base flows and minimum instream flows.	✓			
<b>*SB 6012</b> <i>Senator Pam Roach (R)</i> Proposes to require a building permit application for a construction project costing more than \$5,000 to include a risk assessment of possible impacts to the drinking water supply of the surrounding property owners. Applies to building permit applications for a structure outside the urban growth area and not connected to a public sewer system.	✓			

# Department of Defense Activity

**ARMY STRATEGY 2025** The Office of the Assistant Secretary of the Army for Installations, Energy and Environment (OASA (IE&E)) released the Army's vision and strategy to help meet future challenges and to succeed in future operating environments. The strategy serves to guide and shape the Army's future and current actions related to

installations, energy and, environment, as well as provide a strategic roadmap to achieve its vision. It covers fiscal years (FY) 2016-2025. To view the strategy, [click here](#).

## ***ENERGY***

**DoD ENERGY CONSUMPTION HITS RECORD LOW** According to a [new report](#) from the [Energy Information Administration \(EIA\)](#), in FY 2013 energy use by the DoD fell to its lowest level since at least 1975, the earliest for which year information is available. DoD accounts for most of the energy consumed by the federal government. The share of federal government energy use attributed to DoD fell from 87% in FY 1975 to 78% in FY 2013 - the lowest share on record. Energy usage within DoD is divided into two areas: installation energy and operational energy. Installation energy is the energy required to run and operate military installations, which is mainly energy used in buildings but also energy used by vehicles not on combat missions. Operational energy, which accounts for 70% of total DoD energy use, is the energy required for transporting, training, and sustaining personnel and weapons specifically for military operations. According to the DoD's [Annual Energy Report](#), the U.S. Army uses the largest portion of installation energy (34%), while the U.S. Air Force uses the largest portion of operational energy (53%), consisting mostly of jet fuel. For more information, view [this news report](#) by Defense Communities 360 or view the [EIA report](#).

**MILITARY BASES TRAIN VETERANS FOR SOLAR JOBS** Three military bases, in partnership with the Department of Energy, are training service members for careers in the solar energy sector. Camp Pendleton, Fort Carson, and Naval Station Norfolk are offering training courses for careers in the solar industry as solar photovoltaic system installers, sales representatives, system inspectors, and other solar-related opportunities. Camp Pendleton graduated its first training class in February 2015. Five of the largest U.S. solar companies by number of employees – SolarCity, Vivint Solar, Sunrun, SunEdison, and SunPower – have committed to interview military trainees graduating from the solar job training pilot program, a step that will help place qualified trainees in well-paying jobs. For more information, [click here](#).

## ***NATURAL RESOURCES***

**DoD POLICY: POLLINATOR FRIENDLY MANAGEMENT** The Office of the Under Secretary of Defense issued a [memorandum](#) expanding DoD policy to use best management practices to protect pollinators (e.g., bees, birds, bats, butterflies, and moths). In accordance with [DoD Instruction 4150.07](#) (DoD Pest Management Program) and [DoD Instruction 4715.03](#) (Natural Resources Conservation Program) it is DoD policy to use native landscaping and minimize the use of pesticides and herbicides in sensitive habitats. Further, it is DoD policy for Military Departments to coordinate, when appropriate and to the extent feasible, with other agencies and nongovernmental organizations on habitat and pollinator issues. For more information, contact [Peter Boice](#) at (571) 372-6905.

**FY 2016 LEGACY PROGRAM FUNDING** The Office of the Assistant Secretary of Defense for Energy, Installations, and Environment released a [request for pre-proposals](#) (RFP) for FY 2016 Legacy Program funding. A Legacy project may involve regional ecosystem management initiatives, habitat preservation efforts, archaeological investigations, invasive species control, Native American consultations, and/or monitoring and predicting migratory patterns of birds and animals. Three principles guide the Legacy program: stewardship, leadership, and partnership. Only proposals submitted via the [DoD Legacy Tracker website](#) and coordinated with appropriate installation and headquarters personnel will be eligible for funding. Pre-proposals are due 3 APR 16.

# Federal Activity

## AIR

**N-PROPYL BROMIDE** EPA announced that it received petitions requesting it add the chemical [n-propyl bromide](#) to the list of hazardous air pollutants (HAP) ([80 FR 6676](#)). The agency will conduct a technical review to determine whether it will grant or deny the petitions. N-propyl bromide is a solvent for adhesives and has been deployed as a replacement for perchloroethylene as a dry cleaning solvent. It is used for the cleaning of metal surfaces, removal of soldering residues from electronic circuit boards, in asphalt production, and in the aviation industry for maintenance. [Comments](#) are due 7 MAY 15. For more information, contact [John Schaefer](#) at (919) 541-0296.

**NESHAP FOR RADIONUCLIDES: UPDATED COMPLIANCE MODEL** EPA announced the availability of Version 4 of the CAP88-PC model, which may be used to demonstrate compliance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) applicable to radionuclides ([80 FR 7461](#)). For more information, contact [Reid Rosnick](#) at (202) 343-9200.

**NESHAP FOR AEROSPACE MANUFACTURING AND REWORK FACILITIES** EPA is proposing amendments to NESHAP for Aerospace Manufacturing and Rework Facilities to address the results of a residual risk and technology review (RTR) ([80 FR 8391](#)). The proposed amendments would:

- Add limitations to reduce organic and inorganic emissions of HAP from specialty coating application operations;
- Remove the exemptions from the emission limitations for periods of startup, shutdown, and malfunction (SSM) so that affected units would be subject to the emission standards at all times;
- Revise provisions to address recordkeeping and reporting requirements applicable to periods of SSM; and
- Make technical corrections.

Comments are due 3 APR 15. For more information, contact [Kim Teal](#) at (919) 541-5580.

**NESHAP: MATS AND UTILITY NSPS** EPA is proposing to make clarifications and corrections to its 16 FEB 12 final Mercury and Air Toxics Standards (MATS) and Utility New Source Performance Standards ([80 FR 8441](#)). The revisions would align regulatory text with the preamble and make corrections and clarifications. EPA is also proposing to remove rule provisions establishing an affirmative defense for malfunction events in light of a recent court decision on the issue. For specific details, click [here](#) and scroll down to the section titled "Technical Corrections." Comments are due 3 APR 15. For more information, contact [Christian Fellner](#) at (919) 541-4003.

**AMENDMENTS TO VARIOUS MOBILE SOURCE REGULATIONS** EPA is approving technical amendments to various mobile source regulations ([80 FR 9077](#)). The rulemaking:

- Makes corrections and clarifications to Tier 3 motor vehicle and fuel standards;
- Revises test procedures and compliance provisions for certain nonroad spark-ignition engines (and corresponding nonroad equipment);
- Clarifies design-permissible approaches for portable fuel containers meeting evaporative emission standards;
- Aligns state requirements for marine vessels with diesel engines with MARPOL Annex VI; and
- Corrects errors in the Voluntary Quality Assurance Program rulemaking.

The final rulemaking is effective 5 MAY 15 unless the agency receives adverse comment by 6 APR 15. For more information, contact [Alan Stout](#) at (734) 214-4805.

**EMISSIONS INVENTORY REPORTING: LEAD, FIRES, AND MOBILE SOURCES** EPA adopted final amendments to emissions inventory requirements for a variety of sources ([80 FR 8787](#)). The rulemaking lowers the threshold for reporting lead emissions sources to five tons per year of actual emissions, eliminates the requirement for reporting emissions from wildfires and prescribed fires, and replaces a requirement for reporting mobile source emissions with a requirement for reporting input parameters (used to run the EPA models that generate emissions estimates). The final rule was effective 19 FEB 15. For more information, contact [Ron Ryan](#) at (919) 541-4330.

**ESIP** EPA issued a final rule allowing state, local, and tribal agencies to submit state implementation plans (SIPs) and tribal implementation plans electronically, using the agency's eSIP portal ([80 FR 7336](#)). Electronic submission via the eSIP submission system is now EPA's preferred method for air agencies to make SIP submissions. The agency also simplified submission requirements for those air agencies that continue to make paper submissions by reducing the number of paper copies required and providing non-binding guidelines for SIP submissions. The final rule is effective 16 MAR 15, when the eSIP submission system will be available to air agencies. For more information, contact [Mia South](#) at (919) 541-5550.

**PROPOSED CONSENT DECREE: EPA TO TAKE ACTION ON OZONE SIPs** Under the terms of a proposed consent decree, EPA would be required to take final action (approve, disapprove, conditionally approve, or approve in part and disapprove in part) certain SIPs addressing the 2008 National Ambient Air Quality Standards (NAAQS) for ozone ([80 FR 6513](#)). To view the proposed dates by which EPA must take final action for SIP submittals for Arizona, Colorado, Idaho, Montana, North Dakota, and Utah, [click here](#) and scroll to the supplementary information section. Comments on the proposed consent decree were due 9 MAR 15. For more information, contact [Karen Bianco](#) at (202) 564-3298.

**IDAHO SIP** EPA is proposing to approve revisions to the Idaho SIP that address certain interstate transport requirements for the 2006 24-hour PM<sub>2.5</sub> NAAQS ([80 FR 2493](#)). Comments are due 23 MAR 15. For more information, contact [Kristin Hall](#) at (206) 553-6357.

**WASHINGTON SIP: TACOMA-PIERCE** EPA redesignated the entire Tacoma-Pierce County nonattainment area for the 2006 24-hour PM<sub>2.5</sub> NAAQS to attainment ([80 FR 7347](#)). The final rule was effective 12 MAR 15. For more information, contact [Jeff Hunt](#) at (206) 553-0256.

## **CLIMATE CHANGE**

**INVENTORY OF U.S. GREENHOUSE GAS EMISSIONS AND SINKS: 1990-2013** EPA released the [Draft Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2013](#) for public review and comment ([80 FR 9718](#)). The inventory includes annual U.S. emissions from 1990 through 2013, summarized and presented by source category and sector. It contains estimates of carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbon (HFC), perfluorocarbon (PFC), sulfur hexafluoride (SF<sub>6</sub>), and nitrogen trifluoride (NF<sub>3</sub>) emissions. The inventory also includes estimates of carbon fluxes in U.S. agricultural and forestlands. Comments are due 26 MAR 15. For more information, contact [Leif Hockstad](#) at (202) 343-9432, view this [press release](#), or visit EPA's [GHG reporting website](#).

**MEGA DROUGHT PREDICTED FOR AMERICAN SOUTHWEST AND PLAINS** According to a new study, droughts in the U.S. Southwest and Central Plains during the last half of this century could be drier and longer than drought conditions seen in those regions in the last 1,000 years. The [study](#) is based on projections from several climate models, including one sponsored by the National Aeronautics and Space Administration (NASA). Researchers found that if GHG emissions continue to increase along current trajectories throughout the 21st century, there is an 80% likelihood of a decades-long mega drought in the Southwest and Central Plains between the years 2050 and 2099. In the Southwest, climate change would likely cause reduced rainfall and increased temperatures that would evaporate more water from the soil. In the Central Plains, drying would largely be caused by temperature-driven increase in evaporation. [Click here](#) to read further or view a video.

## ***NATURAL RESOURCES***

**SAGE-GROUSE CONSERVATION EFFORTS** The Natural Resources Conservation Service (NRCS) released a [progress report](#) to the Fish and Wildlife Service (FWS) detailing conservation work to protect sage-grouse habitat. The report provides FWS with a comprehensive evaluation of the [Sage Grouse Initiative](#) (SGI) and its contributions to threat reduction for sage-grouse and enhanced ecosystem function on private lands. The report describes the conservation benefits over the past five years by quantifying the threat reduction that SGI achieved by targeting resources on priority landscapes and optimizing the acreage of new conservation. NRCS launched SGI in 2010 as a science-based landscape approach to conserve sage-grouse and sustain western ranching economies after FWS designated the bird as a candidate for protection under the Endangered Species Act. FWS is scheduled to decide whether to list the species in September 2015. The report findings seek to answer two fundamental questions: What has changed since 2010 when sage-grouse was designated as a candidate for listing, and with what certainty will conservation efforts continue beyond 2015. Among the report highlights:

- Since 2010, SGI has disproportionately benefited large populations by successfully targeting 75% of investments inside Priority Areas for Conservation.
- Conservation easement acreage now totals 451,884 acres and nearly all (94%) provide permanent protection.
- Conifer removal, which maintains populations by removing encroaching trees, helped reclaim 405,241 acres of habitat (nearly half of that in Oregon).
- SGI fence-marking conservatively prevents 2,600 fence collisions annually.
- NRCS has committed to continued funding of \$207 million, bringing total SGI investment to \$763 million, to ensure future work that is projected to result in 8 million acres conserved by 2018.

For more information, view the Western Governors' Association (WGA) [press release](#).

**CEQ GUIDANCE FOR NEPA REVIEWS: COMMENT PERIOD EXTENDED** The White House Council on Environmental Quality (CEQ) extended the public comment period on its 24 DEC 14 proposed guidance for conducting National Environmental Policy Act (NEPA) reviews ([80 FR 9443](#)). The revised draft guidance discusses how NEPA analysis and documentation should address GHG emissions and the impacts of climate change. Comments are due 23 APR 15. For more information, contact Horst Greczmiel at (202) 395-5750 or [read CEQ's overview](#) of the proposal.

**HONOULIULI NATIONAL MONUMENT** President Obama designated the former Honouliuli Internment Camp on Oahu as a national monument ([80 FR 11067](#)). Honouliuli is significant for having been used as both a civilian internment camp and a prisoner of war camp, with a population of approximately 400 civilian internees and 4,000 prisoners of war over the course of its use. The majority of Honouliuli's civilian internees were American citizens or permanent resident aliens, predominantly Japanese Americans who were citizens by birth, interned on suspicion of disloyalty. According to the [proclamation](#), "Honouliuli serves to remind every American about the critical importance of safeguarding civil liberties and maintaining our values during times of crisis. It is important to recognize Honouliuli as a part of our shared national heritage and national consciousness. It is a place to reflect on wartime experiences and recommit ourselves to the pursuit of freedom and justice."

**EPA, NOAA REJECT OREGON COASTAL PLAN** EPA and the National Oceanic and Atmospheric Administration (NOAA) [rejected](#) Oregon's plan to control coastal nonpoint source pollution, as required under the Coastal Zone Act Reauthorization Amendments (CZARA) ([80 FR 10667](#)). The [agencies found](#) that the plan submitted by the state is not approvable because it does not adequately address management measurements for forestry and forested lands. Under the CZARA, states are required to develop coastal nonpoint pollution control plans that outline how they will control runoff from these main sources: agriculture, forestry, urban areas, marinas, shoreline and stream channel modification, wetlands, and riparian and vegetated treatment systems. EPA and NOAA disapproved Oregon's program based solely on the state's forestry practice rules, finding the state approach provides inadequate riparian protection measures, fails to control runoff from logging roads built before 1971, and fails to prevent landslides and pesticides



from entering streams. For more information, visit NOAA's [Coastal Nonpoint Pollution Control Program](#) website or NOAA's website for [Oregon's coastal program](#).

## ***OTHER***

**EMERGENCY RESPONSE AND DRONES** The U.S. Coast Guard will evaluate small unmanned aircraft systems (SUAS) and their airborne sensors to determine their potential for use in a maritime environment by first responders and Department of Homeland Security (DHS) operational components ([80 FR 8889](#)). The Coast Guard will conduct flight-testing and evaluation of SUAS under a wide variety of simulated but realistic and relevant real-world maritime operational scenarios, including law enforcement, search and rescue, and maritime environmental response. The evaluation will be conducted through cooperative research and development agreements with several companies. For more information, contact Andrew Niccolai at (860) 271-2670.

**NON-RECREATIONAL USE OF DRONES** The Federal Aviation Administration (FAA) is proposing to allow SUAS to operate for non-hobby or non-recreational purposes ([80 FR 9543](#)). The proposed rule would address the operation of unmanned aircraft systems, certification of their operators, registration, and display of registration markings. Airworthiness certification is not required for SUAS operations subject to this proposed rule. In addition, the proposed rule would prohibit model aircraft from endangering the safety of the National Airspace System. Comments are due 24 APR 15. For more information, contact [Lance Nuckolls](#) at (202) 267-8447.

## ***TOXICS***

**TRANSPORT OF RADIOACTIVE MATERIAL** The Pipeline and Hazardous Materials Safety Administration (PHMSA) is requesting public comment on issues related to its efforts to harmonize its rules for the transport of radioactive materials with international standards ([80 FR 6567](#)). The 2012 international standards ([SSR-6](#)) are being considered for revision, with possible publication in 2017. PHMSA has not yet aligned its standards with the 2012 international standards. A public meeting was held 24 FEB 15. For more information, contact Steven Webb at (202) 366-8553.

**LITHIUM BATTERY TRANSPORT** PHMSA extended the compliance date for its [6 AUG 14 final rule](#) amending air transport rules for lithium batteries ([80 FR 9217](#)). The rule aligned U.S. lithium battery transport requirements with international standards. The compliance date is extended an additional six months, to 7 AUG 15. For more information, contact Vincent Babich at (202) 366-8553.

**FINAL TOXICOLOGICAL PROFILES** The Agency for Toxic Substances and Disease Registry (ATSDR) announced it will release final toxicological profiles for [toxaphene](#) and [trichlorobenzenes](#) ([80 FR 6971](#)). The profiles will be made available on or about 17 OCT 15. ATSDR is required to develop toxicological profiles for the 275 chemicals included on the priority list of hazardous substances, also referred to as the Substance Priority List. For more information, contact Delores Grant at (770) 488-3351 or visit [ATSDR's website](#).

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

**FIVE-YEAR STATUS REVIEWS OF 133 SPECIES** FWS announced that it initiated five-year status reviews for 133 species in Hawaii, Idaho, Oregon, and Washington ([80 FR 8100](#)). Comments are due 14 APR 15. To view the list of species undergoing review, [click here](#) and scroll down to the table of species.

**CAPTIVE SOUTHERN RESIDENT KILLER WHALE** The National Marine Fisheries Service (NMFS) determined that captive members of the Southern Resident [killer whale](#) (*Orcinus orca*) distinct population segment (DPS) should be included in the listed Southern Resident killer whale DPS ([80 FR 7380](#)). Previously, captive members of the DPS were excluded from listing. The final amendments remove the exclusion for captive members of the DPS. The final rule is effective 11 MAY 15. For more information, contact Lynne Barre at (206) 526-4745 or visit NOAA Fisheries West Coast Regional [website](#).

**SOUTHERN RESIDENT KILLER WHALE** In response to a petition, NMFS has determined it will revise the critical habitat designation of the Southern Resident killer whale DPS ([80 FR 9682](#)). In November 2006, NMFS issued a final rule designating approximately 2,560 square miles of inland waters of Washington State as critical habitat for the Southern Resident killer whale DPS. In January 2014, the service received a petition requesting it revise the critical habitat to include Pacific Ocean marine waters along the West Coast of the United States because they constitute essential foraging and wintering areas for Southern Resident killer whales. The petition also requested the service adopt protective in-water sound levels as a primary constituent element for both currently designated critical habitat and the proposed revised critical habitat. The service anticipates developing a proposed rule for publication in the Federal Register in 2017. For more information, contact Lynne Barre at (206) 526-4745.

**MARBLE ISLAND BUTTERFLY** FWS released corrected information regarding its 19 AUG 14 notice of status review for the [Island Marble butterfly](#) (*Euchloe ausonides insulanus*) ([80 FR 5719](#)). The species is found in San Juan County, Washington. Comments are due 6 APR 15. For more information, contact Eric Rickerson at (360) 753-9440.

**OREGON CHUB** FWS is removing the [Oregon chub](#) (*Oregonichthys crameri*) from the Federal List of Endangered and Threatened Wildlife ([80 FR 9125](#)). The rule also removes the currently designated critical habitat for the Oregon chub throughout its range. The species is endemic to the Willamette River drainage of western Oregon. The final rule is effective 23 MAR 15. For more information, contact Paul Henson at (503) 231-6179.

**FIVE-YEAR STATUS REVIEWS OF 32 SPECIES** NMFS announced it initiated five-year reviews for 32 listed species of Pacific salmon and steelhead, Puget Sound rockfish, and Eulachon ([80 FR 6695](#)). The reviews are for 17 evolutionarily significant units (ESUs) of Pacific salmon (*Oncorhynchus spp.*), 11 DPS of steelhead (*Oncorhynchus mykiss*), the Puget Sound/Georgia Basin DPS of yelloweye rockfish (*Sebastes ruberrimus*), canary rockfish (*S. pinniger*), bocaccio rockfish (*S. paucispinis*), and the southern DPS of eulachon (*Thaleichthys pacificus*). Comments are due 7 MAY 15. For more information, contact [Scott Rumsey](#) at (503) 872-2791 or visit the NOAA Fisheries West Coast Regional [website](#).

## **WATER**

**WITHDRAWN: INTERPRETIVE RULE ON CONSERVATION PRACTICES** EPA and the U.S. Army Corps of Engineers (USACE) issued a [memorandum of understanding](#) withdrawing their 2014 [interpretive rule](#) on exemptions to permitting for certain agricultural conservation practices under the CWA. The interpretive rule outlined which conservation activities provided farmers with an exemption from permitting under the CWA [Section 404\(f\)\(1\)\(A\)](#). Congress requested that EPA and USACE withdraw the interpretive rule in its continuing resolution "[Cromnibus](#)" [funding legislation](#) (page 445), passed in December 2014. The withdrawal was effective 29 JAN 15.

**DRINKING WATER CONTAMINANT CANDIDATE LIST** EPA published a draft list of contaminants not subject to national primary drinking water regulations, but known or anticipated to occur in public water systems and that may need to be regulated under the Safe Drinking Water Act ([80 FR 6076](#)). The draft list is referred to as the fourth Contaminant Candidate List (CCL 4). It includes 100 chemicals or chemical groups and 12 microbial contaminants. EPA is requesting public comment on the draft CCL 4 and on improvements to the selection process for future CCLs. Comments on the draft list are due 6 APR 15. For more information, contact [Meredith Russell](#) at (202) 564-0814.

**WASTEWATER EFFLUENT ANALYSIS** EPA is proposing to update methods to analyze the chemical, physical, and biological components of wastewater and other environmental samples required under the CWA ([80 FR 8955](#)). The updates are intended to increase flexibility for the regulated community, improve data quality, and update CWA methods to keep current with technology advances and analytical methods science. The last update was in 2012. Comments are due 20 APR 15. For more information, contact [Adrian Hanley](#) at (202) 564-1564.

**SPILL RESPONSE EXERCISE PROGRAM** The U.S. Coast Guard and cooperating agencies released updated draft Preparedness for Response Exercise Program Guidelines addressing oil spill response exercises ([80 FR 10704](#)). The updated guidance aligns definitions and terminology with other national-level exercise programs, includes guidance for

exercises for non-tank vessels, and specifically identifies oil spill surveillance and tracking systems as a type of response equipment to be exercised during internal equipment deployment exercises. Comments are due 28 APR 15.

**STORMWATER MODELING: CLIMATE CHANGE TOOL** EPA [announced](#) that it released a new tool that will enable users to add climate projections to existing simulations of stormwater runoff to determine the quality of water traveling through traditional infrastructure. The tool is an add-on to EPA's [Storm Water Management Model](#) (SWMM). The tool also has the ability to model the performance of green infrastructure practices, including permeable pavement, rain gardens, and green roofs. The tool is part of the agency's [U.S. Climate Resilience Toolkit](#).

**WATER RESOURCE NEEDS** The USACE Civil Works Program Strategic Plan for 2014-2018, [Sustainable Solutions to America's Water Resource Needs](#), is now available. The strategic plan builds on the watershed-based systems approach introduced in the Civil Works 2004-2009 Strategic Plan by furthering integrated water resources management as the overarching strategy.

## *Professional Development*

### ***DoD TRAINING SOURCES***

**USACE PROSPECT TRAINING** USACE announces course availability for the FY15 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [Course Catalog](#) and [List of Classes and schedule](#) for details. Environmental courses include, but are not limited to:

- Environmental Regulations Practical Application Course (Course Control Number (CCN) 398)
- CERCLA/RCRA Process (CCN 356)
- Hazardous Waste Manifesting & DOT Certification (CCN 223)
- Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN 429)
- Radioactive Waste Transport (CCN 441)
- Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141)
- Environmental Remediation Technologies (CCN 395)
- Environmental Laws and Regulations (CCN 170)

**NAVY AND ISEERB ENVIRONMENTAL TRAINING** The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

**AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING** The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charges. Travel costs are borne by the student.

**DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS** The U.S. Army offers numerous environmental training courses (classroom and online). Explore training opportunities on the [US Army Environmental Command \(AEC\) website](#), which has links to training provided by DoD organizations.

### ***FEDERAL TRAINING SOURCES***

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

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

FedCenter also provides member assistance services such as:

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

## ***ONLINE TRAINING: SCHEDULED EVENTS***

**SERDP AND ESTCP WEBINAR SERIES** The DoD environmental research and development funding programs ([SERDP and ESTCP](#)) are launching a [webinar series](#) to promote the transfer of innovative, cost-effective and sustainable solutions developed using SERDP and ESTCP funding. Live webinars will be offered every two weeks on Thursdays from 12:00 PM ET (9:00 AM PT) for 90 minutes. Most webinars will feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DoD and DOE audiences. Prior presentations are archived for viewing any time.

- Management of Contaminated Sediments Sites (20 NOV 14)
- Waste to Energy Technologies (4 DEC 14)
- Energy Audits (18 DEC 14)
- DNAPL (Dense Non-Aqueous Phase Liquid) Source Zone Management (8 JAN 15)
- Sustainable Materials (22 JAN 15)
- Acoustic Methods for Underwater Munitions (5 FEB 15)
- Solar Technologies (19 FEB 15)
- Lead Free Electronics (5 MAR 15)
- Bioremediation Approaches at Chlorinated Solvent Sites (19 MAR 15)
- Resource Conservation and Climate Change (26 MAR 15)
- Blast Noise Measurements and Community Response (16 APR 15)
- Munitions Mobility (7 MAY 15)
- Managing Munition Constituents on Training Ranges (28 MAY 15)

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

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

**ENERGY STAR WEBCASTS.** Among the offerings:

- [Federal Guiding Principles Checklist](#) – This webcast shows federal energy and sustainability professionals how to use the ENERGY STAR® measurement and tracking tool, Portfolio Manager, to help ensure compliance with the Guiding Principles for High Performance Sustainable Buildings required by Executive Orders 13423 and 13514. The focus is on the Guiding Principles for Sustainable Existing Buildings.
- [Portfolio Manager 101](#) – This webcast demonstrates the core functionality of EPA’s Energy Star Portfolio Manager tool. Attendees will learn to navigate the new Portfolio Manager, add a property and enter details, enter energy and water consumption data, share properties, generate performance reports to assess progress, and respond to data requests.
- [Portfolio Manager 201](#) – This webcast will explore advanced functionalities of EPA’s Energy Star Portfolio Manager tool, including managing and tracking changes to property uses over time; using spreadsheet templates to update property data; setting goals and targets to plan energy improvements for properties; generating and using custom reports; and using the Sustainable Buildings Checklist.

**CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES** This [webinar series](#) was developed to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

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

**EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY** Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs, from the series of live and archived webinars. Building on the familiar concept of [Reduce, Reuse, Recycle](#), sustainable materials management (SMM) is a systemic approach that seeks to reduce materials use and their associated environmental impacts over their entire life cycle, starting with extraction of natural resources and product design and ending with decisions on recycling or final disposal. The format is a formal presentation followed by a question and answer session.

**ITRC INTERNET BASED TRAINING** The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA’s Technology Innovation and Field Services Division, ITRC



delivers training courses to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

## ***ONLINE TRAINING: AVAILABLE ANYTIME***

**CLIMATE READY WATER UTILITIES** EPA's Climate Ready Water Utilities initiative assists the water sector (drinking water, wastewater, and stormwater utilities) in addressing impacts from climate change. This information helps utility owners and operators better prepare their systems for the impacts of climate change. The website has links to [tools and resources](#), new and recorded [training webinars](#), and more.

**WATER'S IMPACT ON THE ENERGY SECTOR** This on-demand webinar features Stacy Tellinghuisen, senior energy/water policy analyst at Western Resource Advocates, who shares new research on the national impacts of water scarcity on the energy sector, including how the expanded use of renewable energy and energy efficiency can help reduce the potential impacts that prolonged droughts will have on the energy sector.

**EPA RCRA TRAINING** RCRA-related online courses, seminars, webinars, podcasts, and videos are posted throughout EPA's waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and environmental justice and RCRA permitting.

**AREA SOURCE BOILER RULE VIDEO SERIES** This [EPA video series](#) explaining the Area Source Boiler Rule consists of modules regarding:

- An overview of rule applicability, including specific rule requirements and compliance dates;
- How to conduct an energy assessment;
- How to conduct a boiler tune-up; and
- Recordkeeping and reporting requirements of the rule.

Area sources are commercial (e.g., laundries, apartments, hotels), institutional (e.g., schools, churches, medical centers, municipal buildings) or industrial (e.g., manufacturing, refining, processing, mining) facilities that emit or have the potential to emit less than 10 tons per year (tpy) of a single hazardous air pollutant, or less than 25 tpy combined hazardous air pollutants. The Area Source Boiler Rule affects boilers at these facilities that burn coal (including coal refuse, petroleum coke, or synthetic fuels derived from coal), oil or other liquid fuel, biomass, and non-waste materials.

**BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES** This comprehensive water management training provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Learners will develop skills in increasing water efficiency and reducing water use through sound operations and maintenance practices and water-efficient technologies. Several methods for meeting needs for non-potable water through alternate water sources, such as rainwater harvesting, reclaimed wastewater, and gray water are discussed. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

**PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES** The CERCLA Education Center (CEC) is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI, and hazard ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). More information is available at [www.clu-in.org](http://www.clu-in.org).



**DISTRIBUTED-SCALE RENEWABLE ENERGY PROJECTS: FROM PLANNING TO PROJECT CLOSEOUT** This 2.5 hour webinar focuses on the planning and implementation of distributed-scale renewable energy projects (i.e., those smaller than 10 megawatts). The on-demand course outlines a detailed 10-step process from technology screening to project closeout. It explores online tools and resources for renewable energy projects on federal sites.

**EPA AIR POLLUTION TRAINING INSTITUTE (APTI)** EPA's [Air Pollution Training Institute](#) (APTI) offers a variety of online self instructional courses and videos for air pollution professionals. Although APTI courses are designed for state and local government officials, the courses, webinars, and videos are available to anyone.

**AVERT TUTORIAL** EPA launched its new on-demand training on how to use its Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy (EE/RE) programs to displace electricity system-related SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> emissions in the continental United States. The tool can be used to evaluate county, state and regional level emissions displaced by energy efficiency and renewable energy programs without the need to specialized resources or electricity system expertise.

**FEMP TRAINING SEARCH TOOL** FEMP recently launched the FEMP Training Search, a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The new search tool provides options to easily find and select training offerings by topic area, topic series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

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

Module 1: Understanding TMDLs: A Primer for NPDES Permit Writers

Module 2: Understanding Waste Load Allocation Implementation in Permits: A Primer for TMDL Developers

Module 3: Understanding TMDLs with Stormwater Sources and the NPDES Stormwater Permitting Process

## ***CLASSROOM/INTERNET TRAINING SOURCES***

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

## *How the Regional Offices Work for You*

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

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

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

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

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# Acronyms

ADEC	Alaska Department of Environmental Conservation
ADFG	Alaska Department of Fish and Game
ADNR	Alaska Department of Natural Resources
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ATSDR	Agency for Toxic Substances and Disease Registry
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CATEX	categorical exclusion
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulation
CH <sub>4</sub>	methane
CNOR	candidate notice of review
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
CrVI	hexavalent chromium
CWA	Clean Water Act
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DPS	distinct population segment
EA	environmental assessment
ECF	emission comparable fuel
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GHG	greenhouse gas
GRP	geographic response plan
GSA	General Service Administration

HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
LOSS	large on-site sewage system
LT2	long term 2
MACT	maximum achievable control technology
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N <sub>2</sub> 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 <sub>3</sub>	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO <sub>2</sub>	nitrogen dioxide
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSPS	New Source Performance Standard
NSR	New Source Review
OAR	Oregon Administrative Rules
ODA	Oregon Department of Agriculture
ODEQ	Oregon Department of Environmental Quality
OEQC	Oregon Environmental Quality Commission
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid

PFOS	perfluorooctane sulfonic acid
PHMSA	Pipeline and Hazardous Materials Safety Administration
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RCRA	Resource Conservation and Recovery Act
REEO-W	Regional Environmental and Energy Office - Western
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SI	spark-ignition
SIP	State Implementation Plan
SMP	Shoreline Management Plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TAC	toxic air pollutant
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m <sup>3</sup>	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WAC	Washington Administrative Code
WADOE	Washington Department of Ecology
WCI	Western Climate Initiative
WEFSEC	Washington Energy Facility Site Evaluation Council
WDC	Washington Department of Commerce
WDOH	Washington Department of Health
WGA	Western Governors' Association
WPCF	Water Pollution Control Facility
WRAP	Western Regional Air Partnership

**The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations.** The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to offer language to support or oppose the issue.

To comment on an item in the *Western Review*, please contact the Regional Environmental Coordinator listed at the top of page 2 and/or in the [Staff Directory](#).

To be added to the Region 10 *Western Review* distribution list, email [Nancy Reese](#).