



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 10



The U.S. Army Regional Environmental & Energy Office

April 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](#).

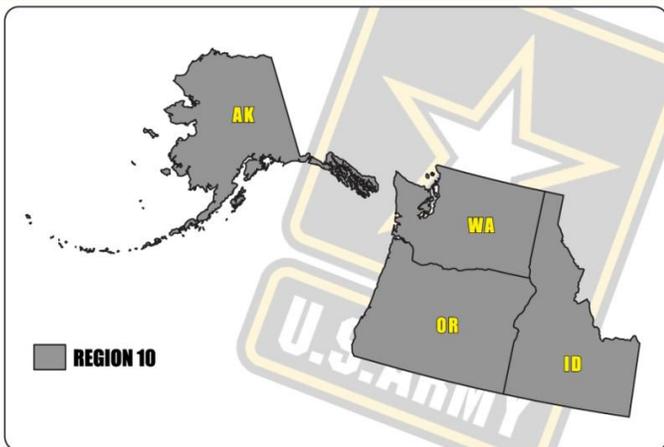


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Planning for Sustainability in the Next Decade

In March, President Obama issued [Executive Order](#) (EO) 13693 titled [Planning for Sustainability in the Next Decade](#). The goal of EO 13693 is to maintain federal leadership in sustainability and greenhouse gas (GHG) emission reductions. The EO consolidates and extends requirements and goals from and revokes several previous executive orders and presidential memoranda including EO 13423 and EO 13514.

The EO directs federal agencies to achieve specific goals by 2025:

- Ensure 25% of their building electric and thermal energy is from clean energy sources by 2025;
- Reduce energy intensity in federal buildings by 2.5% per year;
- Reduce per-mile GHG emissions from federal fleets by 30% from 2014 levels, and increase the percentage of zero emission and plug-in hybrid vehicles in federal fleets to 50% of new acquisitions by 2025; and
- Reduce potable water consumption intensity by 2% per year.

Other requirements address improvements to data center energy efficiency and green infrastructure on federally owned property to improve stormwater and wastewater management.

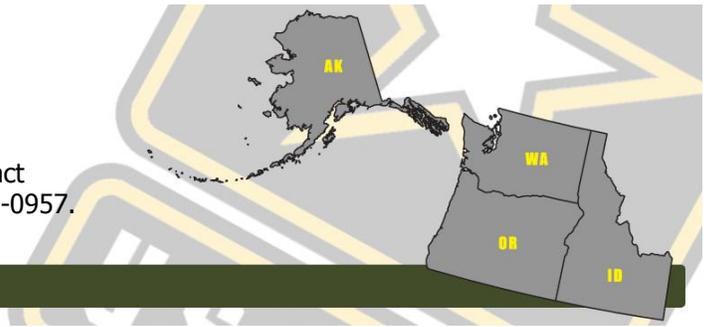
The White House Council on Environmental Quality (CEQ) after consultation with the Office of Management and Budget (OMB) will issue EO implementing instructions or other guidance before the end of May 2015.

The EO was announced in conjunction with [new GHG reduction goals from major federal suppliers](#). The goals align with a November 2014 [climate agreement with China](#). In the agreement, President Obama said the U.S. would reduce its emissions of GHG by 22-28% below 2005 levels by 2025.

For more information, visit [FedCenter.gov](#).

Region 10

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



AIR

GUIDANCE: OPERATING AIR PERMITS The Alaska Department of Environmental Conservation (ADEC) [released guidance](#) about air permit notice requirements triggered as a result of equipment replacement. Because existing federal guidance does not provide an explicit explanation whether unit replacement or major component replacement triggers rule applicability, ADEC developed an [issue paper](#) intended to clarify "Off Permit Change Notifications" submittals. For more information, contact the [air permits program](#).

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>
AIR/CLIMATE CHANGE				
HB 1 <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.	✓	✓		
*HB 138 <i>Representative Dave Talerico (R)</i> Proposes to address the development of state emission standards that comply with the federal Clean Air Act. Opposes state implementation of requirements related to the Green Power Plan.	✓			
SB 16 <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.	✓			

<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>
*SB 57 <i>Senator Catherine A. Giessel (R)</i> Proposes to seek an exemption from federal Green Power Plan requirements. Places restrictions on state compliance with the Green Power Plan.	✓			
ENERGY				
LAND USE				
*HB 115 <i>Representative Charles M. Chenault (R)</i> Proposes to transfer public land from the federal government to the state and to address state disposal of transferred lands. Exempts federal land used for military or naval purposes.	✓			
NATURAL RESOURCES				
HB 20 <i>Representative Harriet Drummond (D)</i> Proposes to limit the application of neonicotinoid pesticides.	✓			
HB 38 <i>Representative Paul K. Seaton (R)</i> Proposes to establish an aquatic invasive species response fund.	✓			
OTHER				
SJR 14 <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.	✓			
WASTE				
WATER				



WATER

WATER QUALITY STANDARDS The Idaho Department of Environmental Quality (IDEQ) is proposing to align language in rule 58.01.02 (Water Quality Standards) with federal requirements for designating and revising uses assigned to waterbodies and for providing a basis for guidance on the use designation/revision process. Although a use attainability analysis (UAA) is required in order to revise or remove a designated beneficial use that is not an existing use on a waterbody, the state does not have language in its standards pertaining to the UAA process. Consequently, the state does not have guidance on when a UAA is appropriate or how to perform a UAA. The rulemaking is intended to develop sufficient language regarding the UAA process such that guidance or policy may be completed. A public meeting was held 7 APR 15. For more information, contact [Paula Wilson](#) at (208) 373-0418 or [click here](#) to view the rulemaking website.

LEGISLATIVE DEVELOPMENTS

The Idaho 2015 legislative session began 12 JAN 15 and adjourns 3 APR 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Idaho Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
ENERGY				
LAND USE				
NATURAL RESOURCES				
OTHER				
WASTE				
WATER				
*HB 58 <i>House Environment, Energy and Technology Committee</i> Proposes to approve a revision to the Idaho Water Quality Standards that addresses Outstanding Resource Waters and the use of mixing zones.	✓	✓	✓	Enacted



TOXICS

PROHIBITION ON NEONICOTINOID PESTICIDES The Oregon Department of Agriculture [adopted](#) a prohibition on the application of any product containing neonicotinoid insecticides, regardless of application method, to linden, basswood or other Tilia species. The prohibition applies to the insecticides dinotefuran, imidacloprid, thiamethoxam, and clothianidin. The final rule was effective 27 FEB15. For more information, contact Sue Gooch at (503) 986-4583.

WATER

DROUGHT DECLARATION FOR LAKE AND MALHEUR COUNTIES On 16 MAR 15, Governor Kate Brown [declared a drought emergency](#) in Lake and Malheur counties. The Oregon Department of Agriculture is directed to coordinate and provide assistance in seeking federal resources to mitigate drought conditions and assist in agricultural recovery. The Department of Water Resources and the Water Resources Commission is directed to coordinate and provide assistance to water users in the affected counties. The Office of Emergency Management is directed to coordinate and help as needed with assessment and mitigation activities to address current and projected conditions in Lake and Malheur counties. The drought declaration expires 31 DEC 15. For more information, [click here](#) to view the Drought Watch website.

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.

<i>Oregon Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
HB 2499 <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.	✓			
HB 2572 <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.	✓			
HB 3250 <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.	✓			
HB 3310 <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.	✓			
* HB 3470 <i>Representative Phil Barnhart (D)</i> Proposes to require the Environmental Quality Commission to adopt statewide greenhouse gas emissions limits for years 2020 and 2050 and to adopt interim limits consistent with 2050 limit every five years. Requires the commission to adopt an action plan for ensuring statewide greenhouse gas emissions do not exceed limits.	✓			
HJR 10 <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.	✓			
SB 21 <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.	✓			
ENERGY				
HB 2946 <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.	✓			
SB 95 <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.	✓			
SB 477 <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.	✓			

<i>Oregon Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
HB 3240 <i>Representative Carl Wilson (R)</i> Proposes to establish a task force on the transfer of federal land ownership in Oregon.	✓			
* HB 3444 <i>Representative Jim Weidner (R)</i> Proposes to require the United States to extinguish title to public lands and transfer title to public lands to state on or before 13 DEC 18.	✓			
HJM 7 <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.	✓			
NATURAL RESOURCES				
OTHER				
HB 2189 <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.	✓			
HB 2241 <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.	✓			
HB 2589 <i>Representative Paul R. Holvey (D)</i> Proposes to prohibit the application of neonicotinoid pesticides in the state.	✓			
* HB 3491 <i>Representative Brian L. Clem (D)</i> Proposes to establish a task force on pesticide use notification.	✓			
* SB 882 <i>Senator Floyd Prozanski (D)</i> Proposes to prohibit nitro-group neonicotinoid pesticides.	✓			
WASTE				
SB 245 <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.	✓			
SB 263 <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.	✓			
SB 412 <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.	✓			

<i>Oregon Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WATER				
HB 2498 <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.	✓			
SB 262 <i>at the request of Governor John A. Kitzhaber</i> Proposes to increase fees associated with the oil spill prevention program.	✓			
SB 537 <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

GHG REPORTING RULE The Washington Department of Ecology (WADOE) [adopted amendments](#) to Chapter 173-441 (Reporting of Emissions of Greenhouse Gases) Washington Administrative Code (WAC). The amendments align state rules with the Environmental Protection Agency’s (EPA’s) GHG Reporting Program. The amendments revise global warming potentials, update calculation and monitoring methods, streamline reporting requirements, and make housekeeping corrections. The [final rule](#) was effective 1 MAR 15. For more information, contact [Stacey Callaway](#) at (360) 407-7528 or [click here](#) to view the rulemaking website.

ENERGY

ENERGY INDEPENDENCE ACT The Washington Utilities and Transportation Commission [is proposing](#) rules to implement the [Energy Independence Act](#) (2006). The amendments add a new section to Chapter [480-109-300 WAC](#) requiring utilities to report metrics of energy and emissions intensity annually. The commission intends to adopt the rules 15 MAY 15. For more information, contact the [Washington Utilities and Transportation Commission](#) at (360) 664-1174.

WASTE

SOLID WASTE LANDFILLS WADOE [is developing proposed revisions](#) to Chapter 173-351 (Criteria for Municipal Solid Waste Landfills). WADOE is proposing to add two hazardous organic constituents to Appendix III of WAC 173-351-990. The revisions are intended to clarify requirements for landfill operators and enable WADOE to obtain full approval from EPA to implement Washington municipal solid waste rules. For more information, contact [Kyle Dorsey](#) at (360) 407-6559 or [click here](#) to visit the rulemaking website.

WATER

WATER QUALITY PERMIT FEE INCREASE WADOE [adopted](#) a 2.9% increase to its water quality permit fees. The increase affects national pollutant discharge elimination system (NPDES), water pollution control facility (WPCF), and WPCF-on-site septic system permits. The fee increase was effective 3 FEB 15.

MOSQUITO CONTROL PERMIT WADOE is [developing](#) an aquatic mosquito control NPDES general permit to cover discharges of insecticides (i.e., larvicides and adulticides) to waters of the state from mosquito control activities by public entities and private individuals. The draft permit is available for public review and comment. Comments are due 17 APR 15. Public hearings were held 7-9 APR 15. For more information, contact [Nathan Lubliner](#) at (360) 407-6563 or [click here](#) to visit the rulemaking website to view the draft permit, a fact sheet, and more.

WATER QUALITY ASSESSMENT: 303(d) LIST WADOE is [requesting public comment](#) on the draft Washington State Water Quality Assessment under the Clean Water Act (CWA) Sections 303(d) and 305(b). The draft assessment is presented as an internet-based search tool and a mapping application that allows the user to investigate water quality in an area of interest through a customized search based on features such as county, water body name, and pollutant. Each potential pollutant for a water body segment is assigned to one of five major water quality categories in accordance with the amount of available data, whether the pollutant is a problem, and the status of clean-up efforts. The map tool also enables a user to compare the extent of water body segments in the previous water quality assessment to the extent of segments in this draft assessment. Comments are due 15 MAY 15. For more information, contact [Patrick Lizon](#) at (360) 407-6782 or [click here](#) to view assessment website.

303(d) LIST OF POLLUTED WATERS WADOE released an [updated 303\(d\) list](#) of polluted rivers, lakes and streams in Washington for public comment. The 303(d) polluted waters list is part of the state’s updated Water Quality Assessment, which is required by the CWA. The list helps prioritize where a water cleanup plan needs to be developed, calling for investments by communities, local government, state government, and industries. Public workshops were held 7 and 9 APR 15. Additional workshops are scheduled for 15 and 16 APR 15. Comments are due 15 MAY 15. For more information, contact [Patrick Lizon](#) at (360) 407-6782.

DROUGHT EMERGENCY FOR THREE WASHINGTON REGIONS On 13 MAR 15, Washington Governor Jay Inslee [declared a drought](#) in on the Olympic Peninsula, on the east side of the central Cascade Mountains including Yakima and Wenatchee, and the Walla Walla region. The declaration will open up funding opportunities to address hardships from drought conditions in areas of the state experiencing record low snowpack. WADOE has requested \$9 million in drought relief from the legislature to pay for agricultural and fisheries projects, emergency water-right permits, changes to existing water rights, and grant water-right transfers. For more information, [click here](#) to view WADOE’s drought website.

LEGISLATIVE DEVELOPMENTS

The [Washington 2015 legislative session](#) began 12 JAN 15 and is scheduled to adjourn in late April 2015. 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>
AIR/CLIMATE CHANGE				
HB 1314 <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.	✓			
HB 1881 <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.	✓			

<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>
HB 1891 <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.	✓			
SB 5283 <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.	✓			
SB 5330 <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.	✓	✓		
SB 5735 <i>Senator Doug Ericksen (R)</i> Proposes to revise the energy independence act to provide incentives for carbon reduction investments.	✓	✓		
SB 5874 <i>Senator Doug Ericksen (R)</i> Proposes to establish the Washington Coal Generation Retirement Program Act. Promotes the retirement of coal-fired electric generation facilities.	✓	✓		
ENERGY				
LAND USE				
HB 2036 <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.	✓			
NATURAL RESOURCES				
HB 1200 <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.	✓			
HB 1225 <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.	✓			
HB 1708 <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.	✓			

<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>
<p>SB 5372 <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.</p>	✓			
<p>SB 5554 <i>Representative Judith Warnick (R)</i> Proposes to add a definition of streams to the Shoreline Management Act. Companion bill is HB 1708.</p>	✓			
<p>SB 5938 <i>Senator Brian Dassel (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.</p>	✓			
<p>SB 5969 <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.</p>	✓			
OTHER				
<p>HB 1449 <i>Representative Jessyn Farrell (D)</i> Proposes to address oil transportation safety. Regulates oil transport by rail. Companion bill is SB 5087.</p>	✓	✓		
<p>HB 1472 <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.</p>	✓	✓		
<p>*HB 1816 <i>Representative Lynda Wilson (R)</i> Proposes to address administrative review of rules. Requires a joint committee to review rules if certain conditions are met. Conditions or actions resulting in a review include receipt of certain petitions, economic impact above a specified amount, the issuance of certain permits, rules related to shoreline management and actions related to the growth management act.</p>	✓			
<p>HB 1984 <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.</p>	✓			
<p>HB 2106 <i>Representative Richard Muri (R)</i> Proposes to allow testing of autonomous vehicles within the boundaries of Joint Base Lewis-McChord.</p>	✓			

<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>
SB 5087 <i>Senator Christine Rolfes (D)</i> Proposes to address oil transportation safety. Regulates oil transport by rail. Companion bill is HB 1449.	✓			
SB 5406 <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.	✓			
WASTE				
HB 1845 <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.	✓	✓		
SB 5432 <i>Senator Maralyn Chase (D)</i> Proposes to prohibit retailers from providing carryout plastic bags unless they are compostable.	✓			
SB 5577 <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.	✓	✓		
WATER				
*HB 1187 <i>Representative Bruce Chandler (R)</i> Proposes to address water conservation. Establishes the Yakima Basin Water Banking Best Practices Act to establish standards for water banking in the Yakima basin. Companion bill is SB 5014.	✓	✓		
HB 1715 <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.	✓			
HB 1836 <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.	✓	✓		
SB 5491 <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.	✓	✓		
*SB 5014 <i>Senator Jim Honeyford (R)</i> Proposes to address water conservation. Establishes the Yakima Basin Water Banking Best Practices Act to establish standards for water banking in the Yakima basin. Companion bill is HB 1187.	✓	✓		

<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>
SB 5584 <i>Senator Brian Dangel (R)</i> Proposes to require water quality decisions be based on actual test results.	✓			
*SB 5628 <i>Senator Jim Honeyford (R)</i> Proposes to establish the Washington Waters Act. Requires the Department of Ecology to evaluate, rank, and fund projects that reduce stormwater pollution, flooding, and protect water for in-stream and out-of-stream uses.	✓			
SB 5801 <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.	✓			
SB 5965 <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.	✓	✓		
SB 6012 <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

INSTRUCTIONS

AIR INSTALLATIONS COMPATIBLE USE ZONES Department of Defense Instruction (DoDI) [4165.57 Air Installations Compatible Use Zones](#) (AICUZ) has been updated, effective 12 MAR 15. The updates add and amend references and procedures. Refer to the DoDI, Enclosures 1 and 3 for details. The updated DoDI specifies that components are required to analyze “glint and glare” effects of solar renewable projects near air installations. It also specifies new/amended requirements for AICUZ studies and documentation.

NATURAL RESOURCES

2015 REPI CHALLENGE REQUEST FOR PROPOSALS The [2015 Readiness and Environmental Protection Integration \(REPI\) Challenge Request for Proposals](#) and the PDF proposal form are now available through the [U.S. Endowment for Forestry & Communities'](#) webpage. The deadline for submissions is 8 p.m. EDT, on Friday, 29 MAY 14. Up to \$8 million is available for the 2015 REPI Challenge. For more information, visit the [REPI](#) website.

PLANNING

COMMISSION ON FUTURE OF THE ARMY DoD is establishing the National Commission on the Future of the Army pursuant to Section 1702 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015 (FY 2015 NDAA) ([80 FR 15994](#)). The commission will study the structure of the Army and policy assumptions to:

- Make an assessment of the size and force structure of the active component and the reserve components of the Army; and
- Make recommendations on modifications, if any, of the structure of the Army related to current and anticipated mission requirements at acceptable levels of national risk and in a manner consistent with available resources and anticipated future resources.

The commission will also conduct a study of a transfer of Army National Guard AH-64 Apache aircraft from the Army National Guard to the regular Army.

REAL PROPERTY FOOTPRINT REDUCTION PLANS OMB issued a memorandum directing federal agencies to develop plans to reduce their real property footprint over the next five years. The memo, [National Strategy for the Efficient Use of Real Property: Reducing the Federal Portfolio through Improved Space Utilization, Consolidation and Disposal](#), is a follow-on to the agency's [Freeze the Footprint](#) policy issued in 2013. Overall, the new policy calls for agencies to establish an annual target for reducing space and to adopt design standards for office space acquired in the future. For the Pentagon, the policy means reducing excess space without relying on a base closure and realignment round to shed a portion of its real estate portfolio. For more information, [click here](#) to view a press release about OMB's National Strategy, or [click here](#) to view a news article about the policy from [DefenseCommunities360](#).

WASTE

DEFENSE HIGH-LEVEL RADIOACTIVE WASTE DISPOSAL President Obama issued a [memorandum](#) to the Secretary of Energy agreeing that "the development of a repository for the disposal of high-level radioactive waste resulting from atomic energy defense activities only is required." The memorandum responds to DOE's [Report on Separate Disposal of Defense High-Level Radioactive Waste](#).

Federal Activity

RETROSPECTIVE REVIEW: IMPROVING EPA REGULATIONS EPA is requesting public input on its periodic retrospective review of agency regulations ([80 FR 12372](#)). EPA is seeking to identify how it can promote regulatory modernization through business-process streamlining, facilitated by improved technology. The agency is specifically seeking input on:

- Which regulations could be transitioned from paper to electronic reporting;
- How EPA can streamline or consolidate reporting requirements or reduce duplicative reporting requirements in existing regulations that may overlap other federal requirements;
- Which regulations can be amended to reduce the frequency of reporting;
- Which regulations could benefit from the use of existing shared services (such as the Substance Registry System) or new shared services;
- Whether EPA should create a joint registry of regulated facilities with states and tribes to streamline electronic reporting; and

- Which regulations could be improved using advance monitoring techniques or the development of mobile applications to facilitate environmental protection.

Comments were due 8 APR 15. For more information, contact [Nathaniel Jutras](#) at (202) 564-0301.

AIR

STATE IMPLEMENTATION OF 2008 NAAQS FOR OZONE EPA issued a final rule addressing a range of nonattainment area state implementation plan (SIP) requirements for the 2008 ozone national ambient air quality standards (NAAQS) ([80 FR 12263](#)). The rule establishes requirements pertaining to attainment demonstrations, reasonable further progress (RFP), reasonably available control technology (RACT), reasonably available control measures (RACM), major new source review (NSR), emission inventories, and the timing of SIP submissions and compliance with emission control measures specified in the SIP. Other issues also addressed in this final rule are the revocation of the 1997 ozone NAAQS and anti-backsliding requirements that apply when the 1997 ozone NAAQS are revoked. The final rule was effective 6 APR 15. For more information, contact [Karl Pepple](#) at (206) 553-1778.

SIP REQUIREMENTS: PM2.5 EPA is proposing requirements that state, local, and tribal air agencies would have to meet as they implement the current and future NAAQS for fine particulate matter (PM2.5) ([80 FR 15339](#)). Specifically, the notice provides details on how the EPA proposes air agencies meet the statutory SIP requirements that apply to areas designated nonattainment for any PM2.5 NAAQS, such as: general requirements for attainment plan due dates and attainment dates, emissions inventories, attainment demonstrations, provisions for demonstrating RFP, quantitative milestones, contingency measures, and nonattainment NSR permitting programs. The proposed rule clarifies specific attainment planning requirements that would apply to PM2.5 NAAQS nonattainment areas based on their classification (either Moderate or Serious) and the process for reclassifying Moderate areas to Serious. Additionally, EPA is proposing to revoke the 1997 primary annual standard because the EPA revised the primary annual standard in 2012. Comments are due 22 MAY 15. For more information, contact [Rich Damberg](#) at (919) 541-5592.

PERFORMANCE STANDARDS FOR NEW RESIDENTIAL WOOD HEATERS EPA revised the standards of performance for new residential wood heaters by adding a new chapter regulating residential [hydronic heaters](#) and forced-air furnaces ([80 FR 13671](#)). The final rule achieves several objectives for new residential wood heaters, including applying updated emission limits that reflect the current best systems of emission reduction, eliminating exemptions over a broad suite of residential wood combustion devices, strengthening test methods as appropriate, and streamlining the certification process. The final rule does not affect heaters solely fired by gas, oil, or coal or include new requirements associated with appliances that are already in use. The final rule is effective 15 MAY 15. For more information, contact [Amanda Aldridge](#) at (919) 541-5268 or [click here](#) to visit EPA's Burn Wise website.

OFF-SITE WASTE AND RECOVERY OPERATIONS EPA finalized its residual risk and technology review (RTR) conducted for the Off-Site Waste and Recovery Operations (OSWRO) for source categories regulated under NESHAP ([80 FR 14247](#)). In addition, EPA adopted final amendments that make corrections and clarifications to regulatory provisions related to emissions during periods of startup, shutdown and malfunction (SSM), add requirements for reporting of performance testing through the electronic reporting tool, and revise routine maintenance provisions. Other amendments clarify provisions pertaining to open-ended valves and lines, add monitoring requirements for pressure relief devices, clarify provisions for some performance test methods and procedures, and make housekeeping corrections. The revisions to the final rule increase the level of emissions control and environmental protection provided by the OSWRO NESHAP. The final rule was effective 18 MAR 15. For more information, contact [Paula Hirtz](#) at (919) 541-2618 or [click here](#) to visit EPA OSWRO NESHAP website.

NSPS ELECTRONIC REPORTING EPA is proposing to allow facilities subject to new source performance standards (NSPS) under the Clean Air Act (CAA) Part 60 to submit specified data reports electronically and maintain electronic records of these reports ([80 FR 15099](#)). The proposed rulemaking does not change how facilities interact with their air

agencies. Air agencies will continue to receive reports in the format that they currently require unless they specify otherwise to facilities. However, the proposal allows air agencies to elect to receive reports electronically using the EPA's system. EPA is proposing that the final rule would become effective 90 days after publication. Comments are due 19 MAY 15. For more information, contact [Gerri Garwood](#) at (919) 541-2406, [click here](#) to view a fact sheet, or [click here](#) to learn about EPA's air toxics rules.

COAL-AND OIL-FIRED ELECTRIC STEAM GENERATING UNITS EPA issued a final rule amending reporting requirements in the national emission standards for Hazardous Air Pollutants (NESHAP) for coal-and oil-fired electric steam generating units (also referred to as the Mercury and Air Toxics Standards (MATS)) rule ([80 FR 15510](#)). The final rule temporarily requires affected owners to submit certain required emissions and compliance reports to EPA through the Emissions Collection and Monitoring Plan System (ECMPS) Client Tool in lieu of the Compliance and Emissions Data Reporting Interface (CEDRI). The final rule is effective 24 MAR 15. For more information, contact [Barrett Parker](#) at (919) 541-5635.

ALASKA SIP EPA is proposing to approve revisions to the Alaska SIP that update the adoption by reference of federal regulations and definitions ([80 FR 14038](#)). The revisions also clarify stationary source permitting rules governing owner-requested emission limits and revise the SIP to reflect the redesignation of the Eagle River area of Anchorage. Comments are due 17 APR 15. For more information, contact [Kristin Hall](#) at (206) 553-6357.

CLIMATE CHANGE

CLIMATE FRIENDLY REFRIGERANTS EPA [approved](#) new refrigerants used in various kinds of refrigeration and air conditioning equipment that offer better climate protection without harming the ozone layer. The agency's Significant New Alternatives Policy (SNAP) program evaluates substitute chemicals and technologies that are safe for the ozone layer. The new final rule expands the list of SNAP-approved substitutes to include more low-global warming potential (GWP) alternatives that can replace both the ozone-depleting substances and high-GWP hydrofluorocarbons (HFCs). In addition to adding the climate-friendly alternatives, the agency is also exempting the newly approved substances, except HFC-32, from the CAA venting prohibition, as current evidence suggests that their venting, release, or disposal does not pose a threat to the environment. For more information, contact [Margaret Sheppard](#) at (202) 343-9163 or visit the [SNAP website](#).

ENERGY

DSIRE UPGRADE The Department of Energy (DOE) and the North Carolina Clean Energy Technology Center launched a new version of their renewable energy incentives database (i.e., [DSIRE](#)) that makes it easier for citizens to find information. The improvements include:

- Expanded data accessibility with information on over 2,800 active policies and incentives for all renewable energy and energy efficiency technologies;
- An application program interface (API) freely available for download that contains all of the data on DSIRE in an easy-to-read format;
- Interactive maps so that users can customize policy maps in real-time based on their preferences and needs; and
- Enhanced search that allows users to find incentives by zip code.

The new site includes a more streamlined, user-friendly design that highlights DSIRE's tools and services. For more information, [click here](#) to view a press release.

WIND ENERGY REPORT DOE examined the future of the wind industry in a new report titled [Wind Vision: A New Era for Wind Power in the United States](#). The report highlights the importance of wind in the nation's energy portfolio,

offers a roadmap for further development, and considers barriers and steps to advance wind energy to 35% of national electricity demand by 2050. For comparison, wind supplied 4.5% of U.S. electricity demand in 2013.

WAVE ENERGY COMPETITION DOE is developing draft rules for a wave energy prize competition ([80 FR 13365](#)). The competition is intended to promote the development of game-changing performance enhancements to wave energy conversion (WEC) devices, establishing a pathway to sweeping cost reductions on a commercial scale. DOE intends to launch the Wave Energy Prize competition in April 2015. For more information, contact [Jose Zayas](#) or visit waveenergyprize.org.

GREEN THE BUILDING TOOL The General Services Administration (GSA) released an innovative [green building learning simulation](#) as a part of its Sustainable Facilities Tool ([SFTool](#)). The Green the Building simulation places users in the role of a resource-constrained decision-maker, charged with greening buildings through strategic energy, waste, water, and occupant satisfaction improvements. Users choose technologies, implement best practices, support behavior changes, and plan carefully to create buildings that conserve resources, reduce waste, save money, and keep occupants happy and healthy. Embedded links provide background and explanations.

FEMP FUNDING OPPORTUNITY The Federal Energy Management Program (FEMP) issued a funding opportunity announcement titled [Assisting Federal Facilities with Energy Conservation Technologies \(FFECT\), 2015 \(DE-FOA-0001297\)](#). Through the funding opportunity, FEMP will provide grants to federal agencies to help fund renewable energy projects incorporated into a privately financed performance contract, such as an energy savings performance contract or utility energy service contract, or as part of a renewable energy power purchase agreement. Applications for renewable energy projects financed through appropriations will also be considered. The anticipated total funding level for AFFECT is \$2.85 million, with anticipated funding to be between approximately \$50,000 and \$1 million per award. Slides from a webinar, held 19 MAR 15, are available [here](#). A question and answer log is available [here](#).

NATURAL RESOURCES

AQUATIC INVASIVE SPECIES: SNAKEHEAD CONTROL AND MANAGEMENT PLAN The Fish and Wildlife Service (FWS) released the draft [National Control and Management Plan for Members of the Snakehead Family \(Channidae\)](#) for public comment ([80 FR 13886](#)). The goal of the plan is to use the best available science and management practices to prevent the introduction of snakehead into new areas, contain (and where possible eradicate) newly established and localized populations, and minimize impacts in areas where they are established and eradication is not feasible. Comments are due 16 APR 15. For more information, contact [Laura Norcutt](#) at (703) 358-2398 or [click here](#) to visit the Aquatic Nuisance Species (ANS) website.

OTHER

SAFER PRODUCT LABELING EPA is making several changes to its Safer Product Labeling Program and conforming changes to the program's Standard for Safer Products ([80 FR 12171](#)). The changes include new label designs, changing the labeling program name, a new fragrance-free label, and related changes to the standard that qualifies products for the label. The labeling program applies to anyone who participates in the Design for Environment (DfE) Safer Product Labeling Program. Among potentially affected are consumers, institutional purchasers, retailers, and distributors of DfE-labeled products who use the logo to identify products that have met the EPA's safer-product criteria. Comments are due 1 MAY 15. For more information, contact [David DiFiore](#) at (202) 564-8796 or [click here](#) to view a [summary of changes](#).

THREATENED AND ENDANGERED SPECIES

GREEN SEA TURTLE FWS and the National Marine Fisheries Service (NMFS) are proposing to replace the existing range-wide listing for the [green sea turtle](#) (*Chelonia mydas*) and, in its place, list eight distinct population segments

(DPSs) as threatened and three as endangered ([80 FR 15271](#)). The agencies propose to apply existing protective regulations to the DPSs. The agencies also announced they will not delist the Hawaiian green turtle, as requested in a petition. Specifically, the agencies are seeking information and comment on whether each of the 11 proposed green turtle DPSs qualify as DPSs, whether listing of each DPS is warranted, and, if so, whether they should be classified as threatened or endangered. Although the agencies are not proposing to designate critical habitat at this time, they request information on existing habitat within U.S. jurisdiction for the proposed North Atlantic, South Atlantic (U.S. Virgin Islands), Central South Pacific (American Samoa), Central West Pacific (Commonwealth of the Northern Mariana Islands (CNMI) and Guam), Central North Pacific, and East Pacific DPSs. Comments are due 8 JUN 15. For more information, contact [Jennifer Schultz](#) at (301) 427-8443.

SELKIRK MOUNTAINS WOODLAND CARIBOU FWS reopened the public comment period on its proposed rule to amend the listing of the southern Selkirk Mountains population of [woodland caribou](#) (*Rangifer tarandus caribou*) to the Southern Mountain caribou DPS ([80 FR 15545](#)). On 8 MAY 14, FWS proposed to list the Southern Mountain caribou DPS as threatened. Comments are due 23 APR 14. For more information, contact Michael Carrier at (208) 378-5243.

THRESHER SHARK NMFS is initiating a status review of the [common thresher shark](#) (*Alopias vulpinus*) to determine whether it should be listed as threatened or endangered ([80 FR 11379](#)). The common thresher is distributed circumglobally in the Atlantic, Pacific, and Indian Oceans and in the Mediterranean. In the eastern Pacific, it occurs from Goose Bay, British Columbia south to Baja California. Comments are due 4 MAY 15. For more information, contact Chelsey Young at (301) 427-8491.

WASTE

LOW-LEVEL RADIOACTIVE WASTE REGULATORY PROGRAM The Nuclear Regulatory Commission (NRC) is requesting comment on a draft list of prioritized low-level radioactive waste (LLW) tasks the agency will conduct to improve the low-level radioactive waste regulatory program ([80 FR 13451](#)). The commission developed the list of tasks based upon updates to an assessment it performed in 2007. Comments are due 13 APR 15. For more information, contact [Stephen Dembek](#) at (301) 415-2342.

LOW-LEVEL RADIOACTIVE WASTE DISPOSAL FACILITIES NRC is proposing amendments to regulations governing disposal of LLW disposal facilities ([80 FR 16081](#)). The proposed amendments would require new and revised site-specific technical analyses, permit the development of site-specific criteria for LLW acceptance based on the results of these analyses, facilitate implementation, and better align the requirements with current health and safety standards. This proposed rule would affect LLW disposal licensees or license applicants that are regulated by the NRC or the Agreement States. Comments are due 26 MAY 15. For more information, contact [Gary Comfort](#) at (301) 415-8106.

WATER

SPCC CHECKLIST [FedCenter.gov](#) published the [checklist](#) used by EPA inspectors when conducting inspections of facility compliance with the Spill Prevention, Control, and Countermeasure (SPCC) rule at 40 CFR Part 112. The checklist is a required tool to help federal inspectors record observations for the site inspection and review of the SPCC Plan. The checklist must be completed in order for an inspection to count toward an agency measure. The completed checklist and supporting documentation serve as the inspection report. It addresses requirements for onshore facilities including Tier II Qualified Facilities that meet the eligibility criteria set forth in [§112.3\(g\)\(2\)](#). For more information, refer to [40 CFR Part 112](#).

HYDRAULIC FRACTURING ON PUBLIC LANDS The Department of the Interior (DOI), Bureau of Land Management (BLM) released final standards governing hydraulic fracturing (fracking) on public lands ([80 FR 16127](#)). The final rule requires drillers on federal lands to reveal the chemicals they use, meet well construction standards, and safely dispose of contaminated water. Key components of the rule include:

- Provisions for ensuring the protection of groundwater supplies by requiring a validation of well integrity and strong cement barriers between the wellbore and water zones through which the wellbore passes;
- Increased transparency by requiring companies to publicly disclose chemicals used in hydraulic fracturing to BLM through the website [FracFocus](#), within 30 days of completing fracturing operations;
- Higher standards for interim storage of recovered waste fluids from hydraulic fracturing to mitigate risks to air, water, and wildlife;
- Measures to lower the risk of cross-well contamination with chemicals and fluids used in the fracturing operation, by requiring companies to submit more detailed information on the geology, depth, and location of preexisting wells to afford the BLM an opportunity to better evaluate and manage unique site characteristics.

The final rule is effective 24 JUN 15. For more information, contact Steven Wells at (202) 912-7143.

PROHIBITION ON USE OF LEAD PIPES, SOLDER, AND FLUX EPA scheduled a public meeting and webinar to obtain input on potential revisions to regulations for the Prohibition on Use of Lead Pipes, Solder and Flux ([80 FR 17020](#)). The Safe Drinking Water Act (SDWA) prohibits the use or introduction into commerce of pipes, pipe or plumbing fittings or fixtures, solder and flux that are not lead free. The revisions are necessary due to SDWA amendments enacted by Congress in the Reduction of Lead in Drinking Water Act of 2011 and the Community Fire Safety Act of 2013. For more information, contact [Brian D'Amico](#) at (202) 566-1069 or [click here](#).

Professional Development

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 p.m. Eastern 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:

- [Portfolio Manager 101](#) – This webcast demonstrates the core functionality of EPA's Energy Star Portfolio Manager tool. Attendees will learn to navigate the 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 is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI, and hazard ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). More information is available at www.clu-in.org.

DISTRIBUTED-SCALE RENEWABLE ENERGY PROJECTS: FROM PLANNING TO PROJECT CLOSEOUT This 2.5 hour webinar focuses on the planning and implementation of distributed-scale renewable energy projects (i.e., those smaller than 10

megawatts). The on-demand course outlines a detailed 10-step process from technology screening to project closeout. It explores online tools and resources for renewable energy projects on federal sites.

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

AVERT TUTORIAL This training provides an overview of EPA's Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy (EE/RE) programs to displace electricity system-related SO₂, NO_x, and CO₂ 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 for specialized resources or electricity system expertise.

FEMP TRAINING SEARCH TOOL The FEMP Training Search is 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 two 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?

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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 ₄	methane
CNOR	candidate notice of review
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CrVI	hexavalent chromium
CWA	Clean Water Act
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DPS	distinct population segment
EA	environmental assessment
ECF	emission comparable fuel
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GHG	greenhouse gas
GRP	geographic response plan
GSA	General Service Administration

HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
IDAPA	Idaho Administrative Procedures Act
IDEQ	Idaho Department of Environmental Quality
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
LOSS	large on-site sewage system
LT2	long term 2
MACT	maximum achievable control technology
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF ₃	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO ₂	nitrogen dioxide
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 ₂	sulfur dioxide
SO _x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TAC	toxic air pollutant
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WAC	Washington Administrative Code
WADOE	Washington Department of Ecology
WCI	Western Climate Initiative
WEFSEC	Washington Energy Facility Site Evaluation Council
WDC	Washington Department of Commerce
WDOH	Washington Department of Health
WGA	Western Governors' Association
WPCF	Water Pollution Control Facility
WRAP	Western Regional Air Partnership

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](#).