



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 8



The U.S. Army Regional Environmental & Energy Office

March 2015

The REGION 8 *WESTERN REVIEW* publishes environmental and energy related developments for DoD/Army leaders and installation staff. Covering the six states in Federal Region 8, 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 an [email request](#).

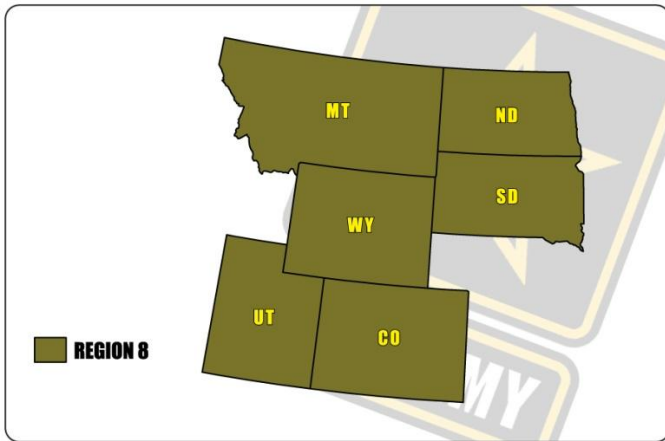


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Water Rights for Army Installations: Implementing Guidance

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.

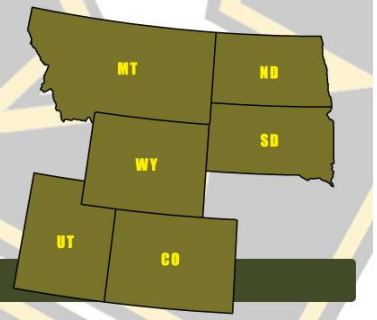
OACSIM referenced two previous memorandums with its water rights policy:

- 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 8

For more information on any state issues in Region 8, contact [Julia Miller](#), Region 8 Program Coordinator (303) 844-0952.



WATER

WATER QUALITY STANDARDS FOR ARKANSAS RIVER BASIN The Colorado Department of Public Health and Environment (CDPHE) [adopted amendments](#) to Classifications and Numeric Standards for Arkansas River Basin, Regulation 32, codified at Title 5 Colorado Code of Regulation (CCR) 1002-32. The rulemaking involves new temporary modifications of water quality standards and temporary modifications expiring on or before 31 DEC 16, and new site-specific standards that allow for the deletion of current temporary modifications. For more information, contact [Sarah Johnson](#) at (303) 692-3609.

WATER QUALITY STANDARDS FOR SOUTH PLATTE RIVER BASIN CDPHE [is proposing](#) to revise water quality classifications, standards, and designations for multiple segments in the Classifications and Numeric Standards for South Platte River Basin, Laramie River Basin, Republican River Basin, and Smoky Hill River Basin, Regulation 38 (5 CCR 1002-38). A [rulemaking hearing](#) is scheduled for 8 JUN 15. The rulemaking hearing is the third and final step in a three-step process utilized in Colorado for triennial review of water quality classifications and standards. Comments are due 27 MAY 15. For more information, contact [Sarah Johnson](#) at (303) 692-3609.

LEGISLATIVE DEVELOPMENTS

The [Colorado 2015 legislative session](#) began 14 JAN 15 and adjourns 11 MAY 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Colorado 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 1134 <i>Representative Don Coram (R)</i> Proposes to extend an exemption from emission testing for heavy-duty diesel vehicles for an additional two years (to the sixth model year) for certain heavy-duty vehicles that are model year of 2014 or newer.	✓	✓		
SB 92 <i>Senator John Cooke (R)</i> Proposes to require that any plan by the Department of Public Health and Environment to reduce carbon emissions (in accordance with pending federal regulations) be approved by the Colorado Public Utilities Commission. Requires the plan to meet specified requirements and restrictions.	✓			

<i>Colorado Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
ENERGY				
HB 1118 <i>Representative Timothy Dore (R)</i> Proposes to define hydroelectricity as a renewable energy resource for the purpose of the state renewable energy standard.	✓			
SB 44 <i>Representative Ray Scott (R)</i> Proposes to amend state renewable energy standard mandates. Reduces the amount of renewable energy that retail electric providers must generate from recycled energy and renewable energy resources. Applies to investor-owned electric providers and cooperative electric associations.	✓	✓		
SB 46 <i>Senator Kevin Grantham (R)</i> Proposes to allow electric utilities to triple-count renewable energy from "retail distributed generation" (e.g., rooftop solar panels) for the purpose of meeting state renewable energy standard mandates. Allows cooperative electric associations to use purchases from community solar gardens to meet the renewable energy standard.	✓			
LAND USE				
NATURAL RESOURCES				
SB 22 <i>Senator Ellen Roberts (R)</i> Proposes to transfer funds to the state wildfire risk reduction grant program and to make changes to the program. Loosens restrictions on the grant program and expands applicability.	✓			
OTHER				
*HB 1145 <i>Representative Robert Rankin (R)</i> Proposes to implement required changes to Colorado's nuclear radiation regulatory program. The changes are necessary to maintain delegation of authority.	✓	✓		
SB 21 <i>Senator Randy Baumgardner (R)</i> Proposes to repeal the interstate pest control compact that was adopted by Colorado in 2007 to coordinate and fund interstate pest control efforts.	✓	✓	✓	
WASTE				
SB 76 <i>Senator Kevin Grantham (R)</i> Proposes to allow the disposal of cathode ray tubes, including electronic devices that contain them at hazardous waste disposal sites. Current law generally prohibits land disposal of electronic devices, including cathode ray tubes.	✓			
WATER				
HB 1013 <i>Representative Don Coram (R)</i> Proposes to implement pilot projects to lower the water table near Gilcrest/LaSalle and Sterling in areas that are experiencing damaging high groundwater levels. Addresses state engineer review of augmentation plans.	✓			

<i>Colorado Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 1016 <i>Representative Don Coram (R)</i> Proposes to encourage more precipitation harvesting pilot projects. Increases the type of projects that may be conducted.	✓			
HB 1038 <i>Representative Jeni Arndt (D)</i> Proposes to amend rules governing beneficial use of irrigation water rights. Creates a more flexible change in use system.	✓	✓		
HB 1093 <i>Representative Timothy Dore (R)</i> Proposes to repeal rules requiring water-efficient indoor plumbing.	✓			
*HB 1166 <i>Representative Lori Saine (R)</i> Proposes to create a tributary groundwater monitoring network in the South Platte River Alluvial Aquifer. Tributary groundwater is groundwater that is influenced by or influences nearby surface water.	✓	✓		
SB 8 <i>Senator Ellen Roberts (R)</i> Proposes to address water demand management. Requires the Colorado Water Conservation Board to develop and implement a training program for state water managers. Promotes improved water demand management and water conservation.	✓	✓		
SB 10 <i>Senator Mary Hodge (D)</i> Proposes to repeal a law that, effective 1 JUL 15, would have changed withdrawal requirements for the Dawson aquifer.	✓	✓	✓	
SB 55 <i>Senator Mary Hodge (D)</i> Proposes to permit the use of a "tail ditch" to return variable amounts of water to a stream. Prohibits the state engineer from requiring the delivery of a minimum amount of water to the stream, except as required by a court decree.	✓	✓		
SB 64 <i>Representative Jerry Sonnenberg (R)</i> Proposes to prohibit the federal government from imposing conditions on a water right in exchange for permission to use federal land.	✓	✓		
SB 84 <i>Senator Mary Hodge (D)</i> Proposes to prohibit a judge from reducing the quantification of a water right's actual historical use in a change of water right.	✓			
*SB 183 <i>Senator Mary Hodge (D)</i> Proposes to address water rights. Prohibits reconsideration or requantification of the historical consumptive use if the historical consumptive use has already been quantified in a previous change decree.	✓			



LEGISLATIVE DEVELOPMENTS

The [Montana 2015 legislative session](#) began 5 JAN 15 and adjourns 27 APR 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Montana 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				
<p>*HB 340 <i>State Representative Tom Burnett (R)</i> Proposes to require the state to fine the federal government for fires on certain federal lands that contribute to exceedance of air quality standards.</p>	✓			
<p>*SB 102 <i>Senator Duane Ankney (R)</i> Proposes to revise air quality fee structure laws. Allows the Department of Environmental Quality to collect and use registration fees to administer the air quality permitting program. Allows local air quality departments to collect and use registration fees to administer air quality permitting programs.</p>	✓	✓		
<p>*SB 236 <i>Senator Roger Webb (R)</i> Proposes to restrict authority to regulate carbon emissions to the state legislature. Requires the Department of Environmental Quality to develop a state plan to address greenhouse gas emissions. Requires legislative approval of the plan.</p>	✓			
ENERGY				
<p>*HB 192 <i>Representative Art Wittich (R)</i> Proposes to increase the cap on net metering.</p>	✓			
<p>*HB 401 <i>Representative Steve Fitzpatrick (R)</i> Proposes to revise the definition of eligible renewable resource for administering the renewable energy portfolio standard. Allows low-emission, nontoxic biomass to qualify as an eligible renewable resource at any facility regardless of megawatt capacity.</p>	✓			
<p>*HB 485 <i>Representative Art Wittich (R)</i> Proposes to revise net metering laws. Addresses how unused kilowatt hour credits may be used.</p>	✓			
<p>*SB 343 <i>Senator Roger Webb (R)</i> Proposes to revise net metering laws. Requires public utilities to install meters. Establishes criteria for net metering. Requires a monthly service charge for customer-generators.</p>	✓			
LAND USE				
<p>SB 215 <i>Senator Jennifer Fielder (R)</i> Proposes to revise public land laws. Prohibits future sale of land granted or transferred to the state.</p>	✓			

<i>Montana Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
NATURAL RESOURCES				
* HB 194 <i>Representative Alan Redfield (R)</i> Proposes to revise bison laws. Requires a forage analysis as part of a management plan before wild buffalo or bison are released or transplanted onto private or public land in Montana.	✓	✓		
* HB 510 <i>Representative Alan Redfield (R)</i> Proposes to facilitate improved land and resource management of public lands. Establishes duties for the Department of Natural Resources and Conservation and the Department of Fish, Wildlife, and Parks.	✓			
* SB 261 <i>Senator Bradley Hamlett (D)</i> Proposes to enact the Montana Sage-Grouse Stewardship Act. Establishes the Montana sage-grouse oversight team. Establishes the sage-grouse stewardship account. Allows for compensatory mitigation. Addresses conservation easements. Requires reporting.	✓			
OTHER				
* HB 239 <i>Representative Jeff Essmann (R)</i> Proposes to define the term "regulated asbestos-containing material."	✓			
WASTE				
* SB 136 <i>Senator Bradley Hamlett (D)</i> Proposes to revise hazardous waste fees. Limits fees on waste resulting from remediation activities.	✓	✓		
* SB 355 <i>Senator Duane Ankney (R)</i> Proposes to address cleanup and remediation of contaminated sites. Establishes the Montana Brownfields Revitalization Act. Addresses the use of federal money at petroleum tank cleanup sites. Addresses the use of federal grant money for cleanup activities.	✓			
WATER				
* HB 270 <i>Representative Tom Richmond (R)</i> Proposes to revise water discharge laws regarding nutrients. Requires compliance schedules to meet nutrient levels.	✓	✓		
* SB 112 <i>Senator Duane Ankney (R)</i> Proposes to require the state to develop total maximum daily loads for certain waters.	✓	✓		
* SB 159 <i>Senator Duane Ankney (R)</i> Proposes to develop water quality standards for tributaries of Rosebud Creek, the Tongue River, the Powder River, and the Little Powder River.	✓			
* SB 203 <i>Senator Bradley Hamlett (D)</i> Proposes to revise exempt well laws. Revises the exceptions to permit requirements for ground water developments. Establishes criteria for exempted uses.	✓			

<i>Montana Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* SB 268 <i>Senator Diane Sands (D)</i> Proposes to revise rules governing stormwater drainage sumps. Requires stormwater infiltration systems for new subdivisions.	✓			
* SB 325 <i>Senator Jim Keane (D)</i> Proposes to address water quality standards. Prohibits state standards from being more restrictive than naturally occurring conditions. Revises the process for reclassifying water quality standards.	✓	✓		
* SB 361 <i>Senator Bradley Hamlett (D)</i> Proposes to address water rights. Clarifies who has a standing in water proceedings. Defines terms.	✓			



LEGISLATIVE DEVELOPMENTS

The [North Dakota 2015 legislative session](#) began 6 JAN 15 and adjourns 29 APR 15.

<i>North Dakota 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				
SB 2372 <i>Senator Jessica K. Unruh (R)</i> Proposes to prohibit the Department of Health from requiring installation or operation of emission reduction equipment that received federal, state, or local funding.	✓	✓		
ENERGY				
HB 1334 <i>Representative Mark Owens (R)</i> Proposes to impose fees for electric vehicles.	✓	✓		
LAND USE				
NATURAL RESOURCES				
HB 1197 <i>Representative Curt Hofstad (R)</i> Proposes to prohibit the purchase of a conservation easement with public funds.	✓	✓		
SB 2311 <i>Senator Larry Luick (R)</i> Proposes to amend state rules related to protection of human burial sites. Provides for penalties.	✓	✓		
OTHER				

<i>North Dakota Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WASTE				
HB 1113 <i>Government And Veterans Affairs</i> Proposes to amend rules governing land used for the disposal of radioactive material. Amends rules related to licensing and confidentiality of radioactive material records. Provides for penalties.	✓	✓		
HB 1114 <i>Energy And Natural Resources</i> Proposes to address resource recovery from solid waste.	✓	✓		
WATER				
HB 1061 <i>Legislative Management</i> Proposes to amend and reenact section 54-35-02.7 of the North Dakota Century Code, relating to the water topics overview committee.	✓	✓		
HB 1175 <i>Representative Keith Kempenich (R)</i> Proposes to create new rules governing dredge permits.	✓	✓		
HB 1269 <i>Representative Marvin Nelson (D)</i> Proposes to provide for rules on navigable waters by the state water commission and certain enforcement.	✓			



LEGISLATIVE DEVELOPMENTS

The [South Dakota 2015 legislative session](#) began 13 JAN 15 and adjourns 30 MAR 15. An * indicates the first time a bill appears in the 2015 Review.

<i>South Dakota 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				
HB 1029 <i>Committee On State Affairs</i> Proposes to revise high performance building design and construction standards for newly constructed or renovated state-owned buildings.	✓	✓	✓	
* SB 150 <i>Senator Mike Vehle (R)</i> Proposes to require certain motor vehicles to pay an additional registration fee. Increases fees for electric motor and hybrid vehicles.	✓			
LAND USE				
* HB 1152 <i>Representative Steven McCleerey (D)</i> Proposes to limit the terms of certain conservation easements.	✓			

<i>South Dakota Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
NATURAL RESOURCES				
* HB 1192 <i>Committee On Appropriations</i> Proposes to protect and enhance wildlife habitat. Declares an emergency.	✓	✓		
OTHER				
WASTE				
WATER				
* SB 2 <i>Senator Jason Frerichs (D)</i> Proposes to establish river basin natural resource districts and repeal certain provisions regarding county drainage management.	✓	✓		



NATURAL RESOURCES

WILDERNESS RULES The Utah Department of Natural Resources adopted [new rule R652-160](#) governing the protection of wilderness areas under the Utah Wilderness Act. The new rule outlines the management of wilderness areas and purpose and control of use for such areas. The rule would only be used if and when the state of Utah receives lands from the federal government with wilderness protection. The final rule was effective 27 JAN 15. For more information, contact [Jamie Phillips-Barnes](#) at (801) 538-5421.

LEGISLATIVE DEVELOPMENTS

The [Utah 2015 legislative session](#) began 16 JAN 15 and adjourns 12 MAR 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Utah 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 17 <i>Representative Lee Perry (R)</i> Proposes to modify provisions relating to visible motor vehicle emission limits.	✓	✓	✓	Enrolled
HB 110 <i>Representative Patrice Arent (D)</i> Proposes to allow the Division of Motor Vehicles to suspend a vehicle's registration for failure to meet air emission standards.	✓	✓		
* HB 226 <i>Representative Rebecca P. Edwards (R)</i> Proposes to authorize the state to implement rules more stringent than federal regulation if those more stringent rules protect public health and the environment.	✓	✓		

<i>Utah Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 87 <i>Senator Gene Davis (D)</i> Proposes to repeal provisions prohibiting the Division of Air Quality from adopting rules more stringent than those in the federal Clean Air Act.	✓			
*SB 208 <i>Senator Luz Escamilla (D)</i> Proposes to modify the penalties for a violation of air quality rules. Extends the statute of limitations.	✓			
ENERGY				
HB 15 <i>Representative Stephen Handy (R)</i> Proposes to create the Conversion to Alternative Fuel Grant Program. Promotes conversion equipment to allow a motor vehicle to operate on alternative fuel.	✓	✓		
SB 69 <i>Senator Scott K. Jenkins (R)</i> Proposes to establish fuel efficiency requirements for government vehicles.	✓			
*SB 231 <i>Senator Wayne A. Harper (R)</i> Proposes to address transportation funding. Increases motor vehicle registration fees for certain motor vehicles of 12,000 pounds or less gross laden weight, excluding motorcycles.	✓			
LAND USE				
*HB 323 <i>Representative Keven Stratton (R)</i> Proposes to require counties to develop a resource management plan as part of their general plan. Establishes the county plan as a basis for coordinating with the federal government.	✓			
NATURAL RESOURCES				
HB 59 <i>Representative Mike McKell (R)</i> Proposes to address invasive species. Regulates killing of feral swine.	✓	✓	✓	Enrolled
OTHER				
*SCR 7 <i>Senator Curtis S. Bramble (R)</i> Proposes to express support for 11 military test sites, provided certain conditions are met.	✓			
WASTE				
*HB 265 <i>Representative Rebecca Chavez-Houck (D)</i> Proposes to modify the Waste Tire Act. Increases tire recycling fees. Creates an account to fund clean air programs. Requires a portion of tire recycling fees to be placed into the account for clean air programs.	✓			
*SB 154 <i>Senator Ralph Okerlund (R)</i> Proposes to revise the definition of a solid waste. Removes coal ash from the list of wastes excluded from regulation.	✓	✓	✓	Enrolled
*SB 171 <i>Senator Scott K. Jenkins (R)</i> Proposes to address recycling of engine blocks and disposal of used oil. Prohibits a local board of health from regulating a crusher, dismantler, or scrap metal processor	✓			

<i>Utah 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 25 <i>Representative V. Lowry Snow (R)</i> Proposes to address water rights. Modifies procedures associated with water rights changes.	✓	✓		
HB 43 <i>Representative Kay L. McIff (R)</i> Proposes to address water rights. Modifies requirements associated with water rights change applications.	✓			
HB 47 <i>Representative Kay L. McIff (R)</i> Proposes to address water rights. Defines state public trust obligations and declares that certain water rights constitute property rights protected by the Utah Constitution.	✓			
HB 58 <i>Representative Keith Grover (R)</i> Proposes to address water rights. Requires that applications for a permanent or temporary water right meet certain requirements.	✓			
HB 161 <i>Representative Kay L. McIff (R)</i> Proposes to address water rights. Allows for the transfer of water shares in a mutual benefit corporation, subject to conditions.	✓			
SB 15 <i>Senator Margaret Dayton (R)</i> Proposes to address water rights. Modifies provisions relating to abandonment or forfeiture of water.	✓	✓	✓	Enrolled
SB 35 <i>Senator Margaret Dayton (R)</i> Proposes to address water rights. Requires that applications for a permanent or temporary water right meet certain requirements.	✓	✓		
SB 40 <i>Senator Margaret Dayton (R)</i> Proposes to address water rights. Authorizes an individual to withdraw an application for the use of water.	✓	✓	✓	Enrolled
* SB 126 <i>Senator Margaret Dayton (R)</i> Proposes to address applications for water use. Modifies and clarifies the duties of the state engineer in regard to evaluating an application to appropriate water or an application to change the use of water.	✓			



LEGISLATIVE DEVELOPMENTS

The [Wyoming 2015 legislative session](#) began 13 JAN 15 and adjourned 6 MAR 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Wyoming 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				
*SB 125 <i>Senator Paul Barnard (R)</i> Proposes to prohibit the issuance of air quality permits for medical waste incinerators.	✓			Failed upon adjournment
ENERGY				
HB 9 <i>Revenue Committee</i> Proposes to address taxation of alternative fuels.	✓	✓	✓	Enacted
LAND USE				
*HB 209 <i>Representative David R. Miller (R)</i> Proposes to require the U.S. government to transfer all public lands in Wyoming to the state by 31 DEC 17. Defines public lands. Establishes a joint committee on the transfer of public lands. Establishes a public lands commission. Specifies duties of the committee and commission.	✓	✓		Failed upon adjournment
SB 5 <i>Joint Travel, Recreation, Wildlife & Cultural Resources Interim Committee</i> Proposes to acquire the Quebec 1 missile alert facility state historic site, subject to certain conditions.	✓	✓	✓	Enacted
SB 30 <i>Joint Transportation, Highways & Military Affairs Interim Committee</i> Proposes to address how grazing fees from military lands may be used. Creates a fund for grazing fees from military training areas. Specifies fund expenditures for range management operations. Establishes reporting requirements.	✓			Failed upon adjournment
NATURAL RESOURCES				
SB 6 <i>Senator Bruce Burns (R)</i> Proposes to address aquatic invasive species. Amends requirements for collection and evidence of inspection fees.	✓	✓	✓	Enacted
SJR 6 <i>Senator Larry Hicks (R)</i> Proposes to address sage-grouse management. Requests that Congress recognize and encourage state primacy in sage-grouse management by granting an extension of time to allow development and implementation of state sage-grouse conservation plans.	✓			Failed upon adjournment
OTHER				
WASTE				
HB 27 <i>Joint Minerals, Business & Economic Development Interim Committee</i> Proposes to seek delegation of authority from the Nuclear Regulatory Commission to regulate source materials from uranium mining, milling, and recovery operations. Requires the Department of Environmental Quality to oversee the program after delegation of authority.	✓	✓	✓	Enacted

<i>Wyoming Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WATER				
*SB 126 <i>Senator Larry Hicks (R)</i> Proposes to authorize the Department of Environmental Quality to develop alternate water quality standards where hydrologic modifications resulting from the exercise of water rights precludes attainment of existing water quality standards.	✓	✓	✓	Enrolled

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 The Environmental Protection Agency (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.

WYOMING SIP EPA is partially approving and partially disapproving revisions to the Wyoming SIP ([80 FR 9194](#)). The agency is approving revisions to Wyoming Air Quality Standards and Regulations with respect to sulfur dioxide (SO₂) limits and dates of incorporation by reference. The agency is disapproving revisions that pertain to the issuance of Wyoming air quality permits for major sources in nonattainment areas. The revision that is disapproved was submitted prior to EPA designating the Upper Green River Basin area as nonattainment for the 8-hour ozone NAAQS. The final rule is effective 23 MAR 15. For more information, contact [Kevin Leone](#) at (303) 312-6227.

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 (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbon (HFC), perfluorocarbon (PFC), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃) 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 greenhouse gas (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.

HONOLIULI 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."

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](#).

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 Clean Water Act (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

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 Engineering 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.

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 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 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

ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
AFFF	aqueous film forming foam
ARM	Administrative Rules of Montana
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
CCR	Code of Colorado Regulations
CDNR	Colorado Department of Natural Resources
CDPHE	Colorado Department of Public Health and Environment
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
CSB	Chemical Safety Board
CWA	Clean Water Act
CWQCC	Colorado Water Quality Control Commission
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
ECF	emission comparable fuel
EIS	environmental impact statement
EO	Executive Order
EPA	Environmental Protection Agency
EQC	Environmental Quality Council
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
GSA	General Service Administration
HCFC	hydrochlorofluorocarbon
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers

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
MACT	maximum achievable control technology
MBER	Montana Board of Environmental Review
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MDEQ	Montana Department of Environmental Quality
MDNRC	Montana Department of Natural Resources and Conservation
MERIT	Materials of Evolving Regulatory Interest Team
MGA	Midwestern Governors Association
MOU	memorandum of understanding
MMS	Minerals Management Service
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
NDDOH	North Dakota Department of Health
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF ₃	nitrogen trifluoride
NHTSA	National Highway Transportation 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	National Research Council
NSPS	New Source Performance Standard
NSR	New Source Review
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM _{2.5}	particulate matter 2.5 microns in diameter or less
PM ₁₀	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
RGGI	Regional Greenhouse Gas Initiative
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances

RRP	Renovation, Repair, and Painting
SDDENR	South Dakota Department of Environment and Natural Resources
SERDP	Strategic Environmental Research and Development Program
SI	spark-ignition
SIP	State Implementation 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
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UDEQ	Utah Department of Environmental Quality
UDNR	Utah Department of Natural Resources
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
UPDES	Utah Pollutant Discharge Elimination System
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
WCI	Western Climate Initiative
WDEQ	Wyoming Department of Environmental Quality
WGA	Western Governors' Association
WOSL	Wyoming Office of State Lands
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.

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