



U.S. ARMY

# Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

October 2015

The **REGION 9 Western Review** publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the four states and territories in Federal Region 9, 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](#).



## TABLE OF CONTENTS

<a href="#">Arizona</a> .....	2
<a href="#">California</a> .....	2
<a href="#">Hawaii and Pacific Islands</a> .....	19
<a href="#">Nevada</a> .....	20
<a href="#">DOD Activity</a> .....	21
<a href="#">Federal Activity</a> .....	22
<a href="#">Professional Development</a> .....	28
<a href="#">Staff Directory</a> .....	34

## Stormwater Guidance

DOD updated and reissued the Unified Facilities Criteria (UFC) for Low Impact Development (LID) ([UFC 3-210-10](#)), which clarifies requirements governing stormwater runoff at DOD construction projects with a footprint greater than 5,000 square feet (ft<sup>2</sup>). LID is a stormwater management strategy designed to maintain site hydrology and mitigate the adverse impacts of stormwater runoff and nonpoint source pollution. Under the requirements of section 438 of the Energy Independence and Security Act of 2007 (EISA 438), federal construction or reconstruction projects with a footprint greater than 5,000 ft<sup>2</sup> are required to maintain predevelopment hydrology to the maximum extent feasible.

The updated UFC clarifies the applicability of LID requirements for federal projects, specifies project documentation requirements and designer responsibilities, and discusses the relationship between EISA 438 and the Clean Water Act (CWA). The updated UFC addresses:

- Ambiguity and inconsistency in applying LID requirements to projects with mixtures of building and pavement areas, particularly with regard to calculation of the applicable "footprint";
- Unclear and/or infeasible documentation requirements; and
- Unclear relationship between EISA requirements and CWA requirements, resulting in the potential to inappropriately include LID design goals in CWA permits.

According to DOD, the update will improve:

- Objectivity and consistency in applying stormwater management requirements of EISA 438 to DOD construction projects;
- Documentation of project LID goals and performance; and
- Understanding of the relationship between EISA 438 and CWA requirements to preclude inappropriate CWA permit stipulations.

The updated UFC describes how it relates to the Environmental Protection Agency's (EPA's) guidance on implementing stormwater runoff requirements for federal projects under EISA 438 ([EPA 841-B-09-001](#)) and [DOD's 2010 memorandum](#) on stormwater.

# Region 9

For more information or to comment on any state issues in Region 9, contact [Mark Mahoney](#), Region 9 Environmental Coordinator (303) 844-0956.



## ***WATER***

**GILA RIVER TMDL** The Arizona Department of Environmental Quality (ADEQ) [provided notice](#) that it developed total maximum daily loads (TMDLs) for total boron and total selenium in the Gila River and intends to submit the TMDLs to EPA Region 9 for approval. The notice was issued 11 SEP 15.

**TRIENNIAL REVIEW OF WATER QUALITY STANDARDS** ADEQ [is proposing](#) to review and amend surface water quality standards, which were last updated in 2009. The triennial review would make corrections and clarifications to rules R18-11-106 (Net Ecological Benefit), R18-11-109 (Numeric Water Quality Standards), R18-11-110 (Salinity Standards for the Colorado River), R18-11-112 (Outstanding Arizona Waters), R18-11-115 (Site Specific Standards), R18-11-121 (Schedules of Compliance), Appendix A (Numeric Water Quality Standards), Appendix B (Surface Waters and Designated Uses), and Appendix C (Site-Specific Standards). Comments are due 19 OCT 15.

## ***LEGISLATIVE DEVELOPMENTS***

The [Arizona legislature](#) meets every year. Bills from prior years do not carry over. The 2016 session begins 11 JAN 16 and is estimated to adjourn 21 APR 16. For information about legislation in 2015, refer to the [May 2015](#) edition of the *Western Review*.



## ***AIR***

**OFF-ROAD LARGE SPARK-IGNITION ENGINE FLEET REGULATION** The California Air Resources Board (CARB) [announced the second set of public workshops](#) to discuss proposed amendments for the Off-Road Large Spark-Ignition Engine Fleet Requirements (LSI Fleet Regulation). The current LSI Fleet Regulation focuses on reducing emissions and keeping records for equipment types including most forklifts, sweepers/scrubbers, industrial tow tractors, and airport ground support equipment. Public workshops in June 2015 included discussion of proposed amendments to reporting requirements for large and medium LSI fleets and equipment labeling requirements. For more information, click [here](#).

**TECHNOLOGY ASSESSMENTS TO REDUCE EMISSIONS FROM HEAVY-DUTY ENGINES** CARB [announced the release](#) of two draft documents, [Technology Assessment: Lower NOx Heavy-Duty Diesel Engines](#) and [Technology Assessment: Low Emission Natural Gas and Other Alternative Fuel Heavy-Duty Engines](#). The draft technology assessments apply to Class 2b through Class 8 heavy-duty vehicles (gross vehicle weight of 8,501 pounds and higher). They present comprehensive assessments of the current state and projected technology development necessary to further reduce oxides of nitrogen (NOx) emissions from on-road heavy-duty diesel and natural gas engines over the next 5 to 15

years, and CARB's proposed next steps to support commercialization of these technologies. Comments are due 30 OCT 15. For more information, click [here](#).

**2016 AMENDMENTS TO CAP-AND-TRADE REGULATION** CARB [announced](#) a public workshop to discuss the scope and regulatory schedule for potential amendments to the Cap-and-Trade Regulation and California's plan for compliance with EPA's Clean Power Plan. The workshop was held 2 OCT 15. Comments are due 19 OCT 15. For more information, click [here](#).

**MOJAVE DESERT: AEROSPACE ASSEMBLY, REWORK, AND COMPONENT MANUFACTURING OPERATIONS** The Mojave Desert Air Quality Management District [is proposing](#) to amend Rule 1118 (Aerospace Assembly, Rework, and Component Manufacturing Operations). The Clean Air Act (CAA) requires areas designated nonattainment for ozone and classified moderate and above to adopt and maintain reasonably available control technology (RACT) rules for source categories emitting volatile organic compounds (VOCs) and NO<sub>x</sub> for which EPA has issued a [control techniques guideline](#) (CTG) document. In addition, such areas are required to adopt and maintain RACT rules for all other major stationary sources of VOCs and NO<sub>x</sub>. In 1988 EPA adopted a CTG titled *Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations*. EPA also promulgated the maximum achievable control technology (MACT) standard for aerospace manufacturing and rework facilities. The district is proposing to update Rule 1118 to conform to provisions of the CTG, MACT, and RACT. A public hearing is scheduled for 26 OCT 15.

**SAN JOAQUIN VALLEY: TRANSPORTATION CONFORMITY BUDGETS** CARB [announced](#) a public meeting to consider the approval of updated Transportation Conformity Budgets for the San Joaquin Valley ozone, fine particulate matter (PM<sub>2.5</sub>), and coarse particulate matter (PM<sub>10</sub>) state implementation plans (SIPs). If approved, CARB will submit the transportation conformity budgets to EPA as a revision to the California SIP.

**SOUTH COAST: EMISSION STANDARDS FOR LEAD** The South Coast Air Quality Management District [is proposing](#) to adopt [Rule 1420.2](#). The proposed rule requires an initial ambient air lead concentration limit of 0.150 micrograms per cubic meter (µg/m<sup>3</sup>) averaged over any consecutive 30 days, which will be lowered to a final limit of 0.100 µg/m<sup>3</sup> by 2018. The proposed rule also establishes requirements for enclosures, point source lead emission limits, source testing, ambient air monitoring, housekeeping and maintenance activities, and submittal and implementation of a compliance plan if a facility exceeds ambient air lead concentration limits set forth in the rule. A public meeting was held 2 OCT 15 to consider adoption of the rule. If adopted, the rule will be submitted to EPA for inclusion in the California SIP.

**SOUTH COAST: MARINE COATINGS** The South Coast Air Quality Management District [is proposing](#) to amend rules governing coating operations for marine and pleasure craft. The rulemaking would combine the requirements for marine and pleasure craft coating operations into one rule, reduce the VOC content limits for certain categories of coatings, add VOC content limits for new categories of coatings, and require the use of the most restrictive VOC content limit. The proposed amendments would also prohibit the possession and sale of non-compliant coatings and establish requirements for transfer efficiency, labeling, recordkeeping, and reporting. A public meeting was held 2 OCT 15. If adopted, the rule will be submitted to EPA for inclusion in the California SIP.

**VENTURA COUNTY: PSD** The Ventura County Air Pollution Control District [is proposing](#) amendments to Rule 26.13 (New Source Review – Prevention of Significant Deterioration (PSD)), adopted in 2011. The proposed [amendments](#), which add language requested by EPA, will facilitate delegation of PSD permitting authority from EPA to the district. A public hearing is scheduled for 10 NOV 15. To view a staff report on the proposed rulemaking, click [here](#).

## ***CLIMATE CHANGE***

**SHORT-LIVED CLIMATE POLLUTANT REDUCTION STRATEGY** CARB [released](#) a [draft Short-Lived Climate Pollutant Reduction Strategy](#) for public comment. Short-lived climate pollutants (SLCPs) include methane, black carbon, and fluorinated gases. Their relative potency, when measured in terms of how they heat the atmosphere, can be tens to

thousands of times greater than that of carbon dioxide (CO<sub>2</sub>). [Senate Bill 605 \(2014\)](#) requires CARB, in coordination with other state agencies and local air districts, to develop a SLCP Strategy by the end of 2015 to reduce SLCP emissions in California. The draft strategy describes ongoing and potential new measures to reduce SLCP emissions from major sources in California and describes current and future research needs for improving the SLCP emission inventory and better understanding of potential mitigation measures. Public workshops were held 13-14 OCT 15. For more information, click [here](#).

**ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY PROGRAM** The California Energy Commission allowed an [emergency regulation](#) modifying funding restrictions for the Alternative and Renewable Fuel and Vehicle Technology Program to expire. The emergency action removed a requirement to discount the value of any emission credits received in an amount commensurate with the level of funding obtained from the commission for those that voluntarily opt-in to programs for the purpose of participating in the program's credit market. The change had allowed program participants to receive the full value of any emission credits the funded projects create. The final rule expired 9 SEP 15.

## ***HAZMAT***

**HAZARDOUS MATERIAL TRANSPORTATION** The California Highway Patrol [is proposing](#) to amend the state's hazardous materials regulations (HMR) to be consistent with national transportation requirements. The proposed rulemaking will make substantive changes to align state and federal HMR for persons subject to federal jurisdiction per Title 49 Code of Federal Regulation (CFR) Part 171.1. Adopting the most recent edition of the federal HMR, incorporated by reference, in Title 13, California Code of Regulation (CCR) Section 1160.2, ensures this alignment. In order to further align the state and federal regulations, this action proposes the adoption of two additional sections. 13 CCR Section 1160.7 is being added to address the federal requirements for hazardous material registration and 13 CCR Section 1161.8 addresses federal requirements for safety and security plans.

**LIQUID FUEL SUPPLY TANKS AND SYSTEMS** The California Highway Patrol [is proposing](#) to adopt Federal Motor Carrier Safety Regulations by reference, which updates standards for liquid fuel supply tanks and systems on motor vehicles, including installation, mounting, certifications, tank testing, and safety requirements. Comments are due 26 OCT 15.

## ***HEALTH AND SAFETY***

**GENERAL INDUSTRY SAFETY ORDER FOR PRIVATE FIRE BRIGADES** The California Occupational Safety and Health Standards Board [adopted revisions](#) to [section 3411 of 8 CCR](#), regarding personal protective equipment for private fire brigades. The amendments address personal protective footwear by private fire brigades, allowing the use of protective footwear that meets the requirements NFPA 1977-2001 Section 3408(c).

## ***WATER***

**ANNUAL WASTE DISCHARGE PERMIT FEES** The California State Water Resources Control Board [is proposing](#) to revise annual waste discharge fees for fiscal year (FY) 2015-2016. The board may adjust the fee schedule each year to conform to revenue levels set forth in the budget for FY 2015-16. The notice of emergency rulemaking was filed 25 SEP 15.

**STORMWATER RESOURCE PLAN AND GRANT PROGRAM FUNDING GUIDELINES** The California State Water Resources Control Board [released](#) its draft [Stormwater Resource Plan Guidelines](#) and its draft [Proposition 1 Stormwater Grant Program Guidelines](#) for public comment. The proposed draft guidelines will serve as guidance for entities preparing a stormwater resource plan, and assist the board and other bond fund-dispensing agencies in administering funds for stormwater management projects. A public agency is required to develop a stormwater resource plan as a condition of receiving funds from any bond approved by voters after January 2014. Comments were due 13 OCT 15. For more information, click [here](#).

**PROPOSITION 65: PRIORITIZATION OF PCE, PFOA, PFOS** The California Office of Environmental Health Hazard Assessment (COEHHA) [announced](#) it will discuss prioritization of five chemicals for possible preparation of hazard identification materials. The chemicals are tetrachloroethylene (PCE), perfluorooctanoic acid (PFOA), perfluorooctane sulfonate (PFOS), pentachlorophenol, and nickel. The chemicals will be discussed at a meeting scheduled for 9 NOV 15.

**PROPOSITION 65: METHYL-N-BUTYL KETONE** COEHHA [released](#) a hazard identification document to support the reconsideration of [methyl-n-butyl ketone](#) and the consideration of its metabolite, 2,5 hexanedione, as known to cause reproductive toxicity under Proposition 65. Methyl butyl ketone is a solvent in paints, lacquers, ink thinners, glues, and resins. Comments were due 12 OCT 15. A public hearing is scheduled for 9 NOV 15.

## LEGISLATIVE DEVELOPMENTS

The [California legislature](#) holds a two-year session. Bills introduced in odd numbered years carry over to even numbered years. The 2015 session adjourned 11 SEP 15.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AIR / CLIMATE CHANGE</b>				
<a href="#">AB 239</a> <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from adopting or amending regulations pursuant to the California Global Warming Solutions Act.	✓			To 2016 session
<a href="#">AB 335</a> <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Air Resources Board and air districts to adopt regulations classifying minor violations. Defines the term "notice to comply" and requires a representative of agencies that find a minor violation to issue a notice to comply.	✓			Died
<a href="#">AB 590</a> <i>Assemblyman Brian Dahle (R)</i> Proposes to create the Biomass State Cost Share Account within the Greenhouse Gas Reduction Fund. Specifies funds can be used to maintain the current level of biomass power generation in the state and revitalize currently idle facilities in strategically located regions.	✓	✓		To 2016 session
<a href="#">AB 692</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to require state agency buyers of transportation fuels to procure an unspecified percentage of the total amount of fuel purchased from very low carbon transportation fuel sources. Increases the required percentage of very low carbon fuel to be purchased annually.	✓	✓	✓	Enacted
<a href="#">AB 742</a> <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from enforcing a certain regulation that restricts emissions from in-use, diesel-fueled vehicles until the board completes a review of the safety of any particulate-matter filters.	✓			To 2016 session
<a href="#">AB 777</a> <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal the California Global Warming Solutions Act of 2006.	✓			To 2016 session
<a href="#">AB 857</a> <i>Assemblyman Henry T. Perea (D)</i> Proposes to amend the California Clean Truck, Bus, and Off-Road Vehicle and Equipment Technology Program funding rules.	✓	✓		To 2016 session

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<b>AB 1094</b> <i>Assemblyman Das Williams (D)</i> Proposes to require the Energy Commission to conduct an analysis of plug-in equipment electricity consumption and set statewide targets for the greenhouse gases emitted by the generation of the electricity consumed by plug-in equipment.	✓			To 2016 session
<b>AB 1288</b> <i>Assemblywoman Toni Atkins (D)</i> Proposes to increase by two the number of members on the Air Resources Board, with the Senate and the Assembly to appoint one member each.	✓	✓	✓	Enacted
<b>AB 1324</b> <i>Assemblyman Das Williams (D)</i> Proposes to revise the definition of "statewide greenhouse gas emissions limit."	✓			To 2016 session
<b>AB 1332</b> <i>Assemblyman Bill Quirk (D)</i> Proposes to address offsets under the California Global Warming Solutions Act of 2006. Requires the board to create an offset protocol for renewable energy projects that are able to ramp up or down during peak energy demands.	✓			To 2016 session
<b>AB 1482</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to address climate adaptation. Requires the Natural Resources Agency consider climate change impacts and promote the use of natural systems when developing physical infrastructure to address adaptation.	✓	✓	✓	Enacted
<b>AB 1496</b> <i>Assemblyman Tony Thurmond (D)</i> Proposes to require the Air Resources Board to adopt a program to measure, monitor, regulate, and reduce emissions of methane.	✓	✓	✓	Enacted
<b>SB 180</b> <i>Senator Hannah-Beth Jackson (D)</i> Proposes to address greenhouse gas performance standards for utilities. Replaces standards for baseload generation with standards for primary and secondary generation.	✓			To 2016 session
<b>SB 189</b> <i>Senator Ben Hueso (D)</i> Proposes to establish the Clean Energy and Low-Carbon Economic and Jobs Growth Blue Ribbon Committee. Requires the committee to advise state agencies on the most effective ways to spend clean energy and greenhouse gas related funds and implement policies in order to maximize economic and employment benefits.	✓	✓		To 2016 session
<b>SB 207</b> <i>Senator Bob Wieckowski (D)</i> Proposes to address planning documents associated with expenditures from the Greenhouse Gas Reduction Fund established under the Global Warming Solutions Act.	✓	✓		To 2016 session
<b>SB 246</b> <i>Senator Bob Wieckowski (D)</i> Proposes to establish an advisory council to support California's climate change goals and planning documents. Requires climate adaptation planning documents and guides be updated.	✓	✓	✓	Enacted
<b>SB 379</b> <i>Senator Hannah-Beth Jackson (D)</i> Proposes to require counties to assess risks from climate change. Requires county plans to address climate adaptation and resiliency.	✓	✓	✓	Enacted

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<b>SB 471</b> <i>Senator Fran Pavley (D)</i> Proposes to require the Air Resources Board to develop an inventory of greenhouse gas emissions from state water systems.	✓	✓		To 2016 session
<b>SB 491</b> <i>Committee On Transportation And Housing</i> Proposes to change public meeting requirements for air districts that impose a vehicle registration fee to fund air quality improvement projects.	✓	✓	✓	Enacted
<b>SB 513</b> <i>Senator James T. Beall (D)</i> Proposes to authorize the Sacramento Air Quality District to impose a vehicle registration surcharge and to use the funds from the surcharge on alternative fuel and electric infrastructure.	✓	✓	✓	Enacted
<b>ENERGY</b>				
<b>AB 140</b> <i>Assemblyman Travis Allen (R)</i> Proposes to make changes to existing law governing reports about the impact of distributed energy generation.	✓			To 2016 session
<b>AB 197</b> <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require all retail sellers of electricity to acquire energy so as to achieve grid reliability and greenhouse gas emission reductions simultaneously.	✓	✓		To 2016 session
<b>AB 213</b> <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to address energy efficiency and light emitting diode products. Prohibits the California Energy Resources Conservation and Development Commission from adopting standards that vary from federal standards.	✓			Failed
<b>AB 450</b> <i>Assemblyman Kevin McCarty (D)</i> Proposes to authorize the use of the moneys in the Greenhouse Gas Reduction Fund to provide funding revenue bonds.	✓	✓		To 2016 session
<b>AB 568</b> <i>Assemblyman Bill Dodd (D)</i> Proposes to authorize Reclamation District 108 to construct, maintain, and operate a plant, transmission lines, and other necessary or appropriate facilities for the generation of hydroelectric power.	✓	✓	✓	Enacted
<b>AB 577</b> <i>Assemblywoman Susan Bonilla (D)</i> Proposes to allocate a specific dollar amount for the development of in-state biogas. Implements a bio-methane collection and purification grant program.	✓	✓		To 2016 session
<b>AB 645</b> <i>Assemblyman Das Williams (D)</i> Proposes to increase the Renewable Portfolio Standard to 50% by 2030, from the existing RPS of 33% by 2020.	✓	✓		To 2016 session
<b>AB 655</b> <i>Assemblyman Bill Quirk (D)</i> Proposes to increase fees for transporters of inedible kitchen grease for personal, noncommercial use as an alternative fuel.	✓	✓		To 2016 session
<b>AB 674</b> <i>Assemblyman Kevin Mullin (D)</i> Proposes to address distributed energy generation. Restricts how electrical corporations can assess fees.	✓			To 2016 session

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<b>AB 808</b> <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to regulate electricity used as a motor vehicle fuel. Revises rules governing oils and lubricants used in motor vehicles.	✓	✓	✓	Enacted
<b>AB 942</b> <i>Assemblyman Ian Calderon (D)</i> Proposes to make amendments to the California Solar Initiative.	✓			To 2016 session
<b>AB 946</b> <i>Assemblyman Phil Ting (D)</i> Proposes to address interoperability of electric vehicle charging stations.	✓			To 2016 session
<b>AB 966</b> <i>Assemblyman Catharine Baker (R)</i> Proposes to address ratepayer funded incentives related to solar energy. Requires solar energy system building permits, or proof no building permit is required, be submitted to the California Energy Commission as a prerequisite to receive ratepayer funded incentives.	✓			To 2016 session
<b>AB 1005</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to modify the Electric Vehicle Charging Stations Open Access Act. Supports the widespread deployment of electric vehicles.	✓			To 2016 session
<b>AB 1022</b> <i>Assemblyman Jay Obernolte (R)</i> Proposes to repeal substantive portions of the Solar Water Heating and Efficiency Act of 2007 approximately three years earlier than originally specified. The act was used to promote, through incentives, the installation of 200,000 solar water heating systems.	✓			To 2016 session
<b>AB 1034</b> <i>Assemblyman Jay Obernolte (R)</i> Proposes to exempt the operation of a renewable energy generation facility from requirements of the Surface Mining and Reclamation Act of 1975.	✓	✓	✓	Enacted
<b>AB 1330</b> <i>Assemblyman Richard Bloom (D)</i> Proposes to enact the Energy Efficiency Resource Standard Act. Mandates energy efficiency programs for buildings.	✓	✓		To 2016 session
<b>AB 1333</b> <i>Assemblyman Bill Quirk (D)</i> Proposes to address tariffs for electricity purchased from certain electric generation facilities.	✓			To 2016 session
<b>AB 1442</b> <i>Assemblyman Patrick O'Donnell (D)</i> Proposes to amend the Motor Vehicle Fuel Tax Law. Redefines "gasohol" for purposes of the Use Fuel Tax Law.	✓			To 2016 session
<b>SB 286</b> <i>Senator Robert Hertzberg (D)</i> Proposes to expand the use of direct access for the purchase of electricity.	✓	✓		To 2016 session
<b>SB 350</b> <i>Senator Kevin de Leon (D)</i> Proposes to expand the California Renewable Portfolio Standards program from 33% by 2020 to 50% by 2050.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>SB 360</b> <i>Senator Anthony C. Cannella (R)</i> Proposes to address bio-methane collection and distribution. Authorizes the Public Utilities Commission to consider allowing gas corporations to engage in competitive bidding and direct investment in ratepayer financed bio-methane collection equipment, subject to conditions.	✓			To 2016 session
<b>SB 427</b> <i>Senator Jean Fuller (R)</i> Proposes to make amendments to the renewable portfolio standard program.	✓			To 2016 session
<b>SB 550</b> <i>Senator Robert Hertzberg (D)</i> Proposes to address net metering. Deletes an exemption for net metering.	✓			To 2016 session
<b>SB 687</b> <i>Senator Ben Allen (D)</i> Proposes to require the Air Resources Board to adopt a carbon-based renewable gas standard that requires gas sellers to provide specified percentages of renewable gas to retail end-use customers for use in California. Increases the percentage over time. Authorizes the board to waive enforcement of the renewable gas standard under certain conditions.	✓			To 2016 session
<b>SB 723</b> <i>Senator Fran Pavley (D)</i> Proposes to require the Public Utilities Commission to authorize a pilot program to evaluate the effects of using an alternative baseline energy efficiency methodology at Armed Forces bases and facilities. Requires the commission to approve financial incentives for certain energy efficiency measures at Armed Forces bases and facilities.	✓			To 2016 session
<b>SB 765</b> <i>Senator Lois Wolk (D)</i> Proposes to address net metering. Requires the Public Utilities Commission to contract with an independent entity and to consult with that entity regarding demand-side energy management programs.	✓	✓		To 2016 session
<b>SB 793</b> <i>Senator Lois Wolk (D)</i> Proposes to amend the green tariff shared renewables program. Requires the Public Utilities Commission to require that a participating utility allow a participating customer to subscribe to the program and receive bill credits.	✓	✓	✓	Enacted
<b>LAND USE</b>				
<b>AB 644</b> <i>Assemblyman Jim Wood (D)</i> Proposes to address local approval of building construction in high fire hazard severity zones.	✓	✓	✓	Enacted
<b>AB 1004</b> <i>Assemblyman Brian Dahle (R)</i> Proposes to authorize the California Tahoe Conservancy to take certain actions to fulfill the purposes of the conservancy and to promote specified state planning priorities.	✓	✓	✓	Enacted
<b>AB 1061</b> <i>Assemblyman James Gallagher (R)</i> Proposes to expand the authorities of the Central Valley Flood Protection Board. Authorizes the board to raise and expend monies for flood control.	✓	✓		To 2016 session

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<b>NATURAL RESOURCES</b>				
<b>AB 300</b> <i>Assemblyman Luis Alejo (D)</i> Proposes to enact the Safe Water and Wildlife Protection Act of 2015. Establishes the Algal Bloom Task Force. Requires the task force to study impacts of toxic blooms and associated pollution and prepare a report.	✓	✓		To 2016 session
<b>AB 311</b> <i>Assemblyman James Gallagher (R)</i> Proposes to address environmental impact reports for water improvement projects.	✓			Died
<b>AB 353</b> <i>Assemblyman Tom Lackey (R)</i> Proposes to require the Department of Fish and Game to authorize take of the unarmored threespine stickleback resulting from impacts attributable to habitat restoration projects on public lands in the Bouquet Canyon area.	✓	✓	✓	Enacted
<b>AB 435</b> <i>Assemblywoman Ling-Ling Chang (R)</i> Proposes to require Natural Resources Agency and the California Environmental Protection Agency to webcast all public meetings and to accept public comments electronically.	✓	✓		To 2016 session
<b>AB 498</b> <i>Assemblyman Marc Levine (D)</i> Proposes to protect wildlife corridors.	✓	✓	✓	Enacted
<b>AB 559</b> <i>Assemblywoman Patty Lopez (D)</i> Proposes to protect monarch butterflies. Authorizes the Department of Fish and Wildlife to partner with federal agencies, nonprofit organizations, academic programs, and private landowners to benefit the butterfly.	✓	✓	✓	Enacted
<b>AB 1251</b> <i>Assemblyman Jimmy Gomez (D)</i> Proposes to enact the Greenway Development and Sustainment Act. Authorizes certain tax-exempt nonprofit organizations to acquire and hold a conservation easement if the organizations have as their primary purpose the development of a greenway.	✓	✓	✓	Enacted
<b>AB 1312</b> <i>Assemblyman Patrick O'Donnell (D)</i> Proposes to address ballast water management in association with the Marine Invasive Species Act. Defines terms. Amends requirements for the State Lands Commission to adopt regulations governing ballast water management practices. Specifies exemptions to ballast water management requirements. Deletes obsolete reporting requirements.	✓	✓	✓	Enacted
<b>AB 1398</b> <i>Assemblyman Scott Wilk (R)</i> Proposes to enact the Sustainable Environmental Protection Act. Specifies required environmental review pursuant to the California Environmental Quality Act required for projects related to specified environmental topical areas. Prohibits certain challenges to claims of noncompliance with the act.	✓			Died
<b>SB 122</b> <i>Senator Hannah-Beth Jackson (D)</i> Proposes to amend public access provisions of the California Environmental Quality Act. Establishes an electronic database clearinghouse of documents prepared pursuant to the act. Requires public review of final reports and amends recordkeeping requirements.	✓	✓		To 2016 session

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>SB 154</b> <i>Senator Robert Huff (R)</i> Proposes to make technical, non-substantive changes to the definition of "environmental impact report."	✓			To 2016 session
<b>SB 223</b> <i>Senator Cathleen Galgiani (D)</i> Proposes to address invasive species. Requires the Department of Parks and Recreation establish an advisory and oversight committee to monitor activities relating to the management and control or eradication of invasive aquatic plants.	✓	✓		To 2016 session
<b>SB 520</b> <i>Senator Tom Berryhill (R)</i> Proposes to repeal provisions of existing law that establish fire prevention fees for habitable structures.	✓			To 2016 session
<b>SB 756</b> <i>Senator Jeff Stone (R)</i> Proposes to amend the California Environmental Quality Act.	✓			To 2016 session
<b>OTHER</b>				
<b>AB 350</b> <i>Assemblyman Luis Alejo (D)</i> Proposes to address licensing of pesticide applicators. Specifies that certification for plant growth regulation includes plant and soil health.	✓			To 2016 session
<b>AB 543</b> <i>Assemblyman Bill Quirk (D)</i> Proposes to define prohibitions and warnings in Proposition 65.	✓			To 2016 session
<b>AB 597</b> <i>Assemblyman Ken Cooley (D)</i> Proposes to enact the Asbestos Tort Claim Trust Transparency Act. Establishes additional procedures with respect to civil actions pertaining to asbestos tort claims.	✓			To 2016 session
<b>AB 641</b> <i>Assemblyman Chad Mayes (R)</i> Proposes to address administrative procedures under the California Environmental Quality Act regarding state agency reviews of housing projects.	✓			Died
<b>AB 729</b> <i>Assemblywoman Toni Atkins (D)</i> Proposes to address the San Diego Unified Port District territory held in trust.	✓			To 2016 session
<b>AB 772</b> <i>Assemblyman Catharine Baker (R)</i> Proposes to require records of the sale of butane be kept for a specified period of time.	✓			To 2016 session
<b>AB 824</b> <i>Assemblyman Mike Gatto (D)</i> Proposes to amend the definition of "fire prevention activities" to include coordination and cooperation with the federal government.	✓	✓		To 2016 session
<b>AB 1059</b> <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require the Office of Environmental Health Hazard Assessment to update the California Communities Environmental Health Screening by using any relevant environmental data relating to known impacts on the environmental quality of the communities in the California-Mexico border region.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AB 1071</b> <i>Assemblywoman Toni Atkins (D)</i> Proposes to require California Environmental Protection Agency to establish policy on supplemental environmental projects to benefit environmental justice communities.	✓	✓	✓	Enacted
<b>AB 1080</b> <i>Assemblyman Jay Obernolte (R)</i> Proposes to address reuse of military bases. Defines the term "enforceable obligation."	✓			To 2016 session
<b>AB 1098</b> <i>Assemblyman Richard Bloom (D)</i> Proposes to address transportation planning. Revises requirements associated with congestion management programs and regional transportation plans.	✓			To 2016 session
<b>AB 1169</b> <i>Assemblyman Jimmy Gomez (D)</i> Proposes to address project funding from the Strategic Growth Council. Changes how funding is reported.	✓	✓		To 2016 session
<b>AJR 11</b> <i>Assemblywoman Autumn Burke (D)</i> Proposes to recognize the unique military value of California's defense installations and the disproportionate sacrifices California has endured in previous base realignment and closure (BRAC) rounds.	✓	✓	✓	Enacted
<b>SB 111</b> <i>Senator Jean Fuller (R)</i> Proposes to address military school funding. Makes appropriations for construction.	✓	✓	✓	Enacted
<b>SB 121</b> <i>Senator Jean Fuller (R)</i> Proposes to address military school funding and federal school construction grants.	✓			To 2016 session
<b>SB 140</b> <i>Senator Mark Leno (D)</i> Proposes to prohibit the sale of tobacco or electronic cigarettes to minors.	✓	✓		To 2016 session
<b>SB 262</b> <i>Senator Cathleen Galgiani (D)</i> Proposes to authorize law enforcement use of UAVs.	✓			To 2016 session
<b>SB 271</b> <i>Senator Ted Gaines (R)</i> Proposes to prohibit UAVs in certain areas.	✓	✓	✓	Vetoed <a href="#">[veto message]</a>
<b>SB 486</b> <i>Senator Mike McGuire (D)</i> Proposes to address telecommunications companies and 911 services.	✓			To 2016 session
<b>SB 506</b> <i>Senator Jean Fuller (R)</i> Proposes to establish the Military and Aerospace Program in the Governor's Office of Business and Economic Development to develop a strategic plan for defense retention and conversion efforts.	✓			To 2016 session
<b>WASTE</b>				
<b>AB 190</b> <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law prohibiting businesses from providing single-use carry out bags and establishing minimum fees for recycled paper bags.	✓			To 2016 session

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<b>AB 191</b> <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law that establishes per bag fees for businesses providing recycled paper bags.	✓			To 2016 session
<b>AB 263</b> <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Department of Toxic Substances Control to periodically update regulations relating to the use of EPA publication SW-846.	✓			To 2016 session
<b>AB 273</b> <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address oversight and fees associated with corrective action under hazardous waste laws.	✓	✓	✓	Enacted
<b>AB 276</b> <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to authorize the Department of Toxic Substances Control to require a facility to furnish information related to its ability to pay for or to perform a response action under hazardous waste laws.	✓	✓	✓	Enacted
<b>AB 385</b> <i>Assemblyman Kansen Chu (D)</i> Proposes to revise the California Integrated Waste Management Act. Requires certain solid waste facilities, including solid waste transfer or processing stations and composting, transformation, and disposal facilities to hold public meetings every six months. Specifies the topics to be addressed at the public meetings.	✓	✓		To 2016 session
<b>AB 628</b> <i>Assemblyman Richard Bloom (D)</i> Proposes to address management of used oil. Clarifies that the synthetic oil referred to in hazardous waste rule definitions of "used oil" may be from any source.	✓	✓		To 2016 session
<b>AB 901</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to amend reporting requirements for recycling and composting operations.	✓	✓	✓	Enacted
<b>AB 997</b> <i>Assemblyman Travis Allen (R)</i> Proposes to restate the state's goal for waste source reduction and recycling. Requires the Department of Resources Recycling and Recovery to investigate emerging technologies to convert wastes to feedstocks.	✓			To 2016 session
<b>AB 1045</b> <i>Assemblyman Jacqui Irwin (D)</i> Proposes to require state agencies develop and implement policies to aid in diverting 50% of organic waste from landfills by 2020 by promoting the composting of specified organic waste.	✓	✓	✓	Enacted
<b>AB 1063</b> <i>Assemblyman Das Williams (D)</i> Proposes to increase the maximum fee paid by a solid waste facility operator to the state.	✓	✓		To 2016 session
<b>AB 1075</b> <i>Assemblyman Luis Alejo (D)</i> Proposes to impose penalties for violations of hazardous waste laws. Allows for permit revocation after three violations that show a repeating pattern or that may pose a threat to public health or safety or the environment.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AB 1159</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to address disposal of household generated used batteries and medical sharps. Tasks manufacturers and product stewardship entities to develop a life-cycle product stewardship program for household batteries and home-generated sharps waste. Establishes fees.	✓			To 2016 session
<b>AB 1239</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to require retail sellers of new tires to end-use purchasers to pay a fee of \$1.75 per tire. Requires collected fees to be used to fund a waste tire hauler and used tire hauler manifest system.	✓	✓		To 2016 session
<b>SB 162</b> <i>Senator Cathleen Galgiani (D)</i> Proposes to address the generation and management of treated wood waste. Removes sunset provisions in existing law regarding treated wood waste. Extends existing law indefinitely.	✓	✓	✓	Enacted
<b>SB 225</b> <i>Senator Bob Wieckowski (D)</i> Proposes to revise management of biohazard bags. Excludes controlled substances from the definition of medical waste. Addresses medical waste planning documents and transportation.	✓	✓	✓	Enacted
<b>SB 423</b> <i>Senator Patricia Bates (R)</i> Proposes to define pharmaceutical waste. Excludes certain over-the-counter human or veterinary drugs and supplements from the definition of pharmaceutical waste.	✓	✓		To 2016 session
<b>SB 489</b> <i>Senator Bill Monning (D)</i> Proposes to authorize the Department of Toxic Substances Control to adopt regulations designating certain waste photovoltaic modules as universal waste.	✓	✓	✓	Enacted
<b>SB 509</b> <i>Senator Ben Hueso (D)</i> Proposes to address labeling requirements for compostable, home compostable, or marine biodegradable. Establishes standards for commercial agricultural mulch film.	✓			To 2016 session
<b>SB 612</b> <i>Senator Hannah-Beth Jackson (D)</i> Proposes to address hazardous material and hazardous waste/universal waste management. Addresses aboveground and underground storage tanks. Changes definitions. Adds requirements for hazardous material business plans and requirements for hazardous waste generators. Provides for penalties for certain violations of medical waste requirements.	✓	✓	✓	Enacted
<b>SB 654</b> <i>Senator Kevin de Leon (D)</i> Proposes to address hazardous waste facility permitting. Requires an owner or operator to submit a complete Part A and Part B application at least two years prior to expiration of its existing permit.	✓	✓		To 2016 session
<b>SB 673</b> <i>Senator Ricardo Lara (D)</i> Proposes to direct the Department of Toxic Substances to develop new criteria to determine whether to issue or renew a hazardous waste facilities permit. The new criteria would restrict permit re-issuance. Requires a person to pay for oversight of corrective action for hazardous waste.	✓	✓	✓	Enacted

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<b>SB 732</b> <i>Senator Richard Pan (D)</i> Proposes to require plastic beverage containers to contain a minimum of 10% post-filled material.	✓			To 2016 session
<b>SB 778</b> <i>Senator Ben Allen (D)</i> Proposes to require all automotive oil to have a minimum useful life of 10,000 miles. Promotes the use of synthetic oils.	✓			To 2016 session
<b>WATER</b>				
<b>AB 78</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to address groundwater sustainability. Requires the Department of Water Resources to categorize each groundwater basin and sets deadlines for local agencies to develop groundwater sustainability plans for certain basins.	✓			To 2016 session
<b>AB 92</b> <i>Assembly Committee On Budget</i> Proposes to establish the Office of Sustainable Water Solutions within the State Water Resources Control Board to promote permanent and sustainable drinking water and wastewater solutions. Directs the Department of Fish and Wildlife to take specific actions related to water diversions and the protection of salmon and steelhead.	✓	✓	✓	Enacted
<b>AB 102</b> <i>Assemblyman Freddie Rodriguez (D)</i> Proposes to address spill response. Creates the Regional Railroad and Surface Transportation Accident Preparedness and Immediate Response Force in the Office of Emergency Services.	✓			To 2016 session
<b>AB 149</b> <i>Assemblyman Rocky Chavez (R)</i> Proposes to change the frequency that urban water suppliers are required to update their urban water management plans.	✓	✓	✓	Enacted
<b>AB 152</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to water rights law.	✓			To 2016 session
<b>AB 153</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			To 2016 session
<b>AB 307</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.	✓			To 2016 session
<b>AB 308</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.	✓			To 2016 session
<b>AB 434</b> <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require the State Water Resources Control Board to adopt regulations governing the use of point-of-entry and point-of-use treatment by public water systems in lieu of centralized treatment.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<a href="#">AB 452</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to authorize funding for the Groundwater Regulation Subaccount.	✓			To 2016 session
<a href="#">AB 453</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to require local agencies to amend their existing groundwater management plans until they adopt groundwater sustainability plans.	✓	✓		To 2016 session
<a href="#">AB 454</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to change the dates by which certain groundwater sustainability plans must be developed.	✓			To 2016 session
<a href="#">AB 455</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to require the court to establish a rule related to proceedings associated with environmental impact reports for projects covered by a groundwater sustainability plan.	✓			To 2016 session
<a href="#">AB 496</a> <i>Assemblyman Anthony Rendon (D)</i> Proposes to address funding for drinking water for school districts.	✓	✓	✓	Enacted
<a href="#">AB 606</a> <i>Assemblyman Marc Levine (D)</i> Proposes to require the Department of General Services to retrofit state property to reduce water consumption.	✓	✓	✓	Enacted
<a href="#">AB 647</a> <i>Assemblywoman Susan Eggman (D)</i> Proposes to address water rights. Declares that the diversion of water underground constitutes a beneficial use of water if the diverted water is stored and later applied to a beneficial use or to recover groundwater levels.	✓	✓		To 2016 session
<a href="#">AB 815</a> <i>Assemblyman Sebastian Ridley-Thomas (D)</i> Proposes to require operators of refineries, marine terminals, or crude oil pipelines to pay oil spill prevention and response fees.	✓	✓	✓	Enacted
<a href="#">AB 864</a> <i>Assemblyman Das Williams (D)</i> Proposes to require owners of oil pipelines in environmentally and ecologically sensitive areas to use the best available technologies to reduce the amount of oil released in a spill and to describe their use of those technologies in their oil spill contingency plans.	✓	✓	✓	Enacted
<a href="#">AB 935</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to address how water development grants can be spent.	✓	✓		To 2016 session
<a href="#">AB 936</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to address eligibility for groundwater monitoring grants.	✓			To 2016 session
<a href="#">AB 937</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to declare that the recharging of a groundwater basin to repel saline intrusion or recover basin groundwater levels is a beneficial use.	✓	✓		To 2016 session
<a href="#">AB 938</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to address groundwater sustainability. Establishes a groundwater sustainability agency.	✓	✓		To 2016 session

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AB 955</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to provide drought assistance. Authorizes the state to provide temporary water supplies to property owners.	✓			To 2016 session
<b>AB 956</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to make changes to requirements for negative declarations under the California Environmental Quality Act. Exempts certain water recycling projects from environmental review requirements.	✓			died
<b>AB 1095</b> <i>Assemblyman Eduardo Garcia (D)</i> Proposes to make appropriations to support projects that fulfill obligations for restoration projects associated with intrastate or multiparty water quantification settlement agreement provisions relating to the Salton Sea.	✓	✓	✓	Enacted
<b>AB 1139</b> <i>Assemblywoman Nora Campos (D)</i> Proposes to make nonsubstantive changes to the provision naming the California Water District Law.	✓			To 2016 session
<b>AB 1173</b> <i>Assemblyman Das Williams (D)</i> Proposes to address professional certification requirements for backflow prevention testers.	✓	✓		To 2016 session
<b>AB 1242</b> <i>Assemblyman Adam Gray (D)</i> Proposes to address instream flows. Requires the state board to identify projects for fish recovery that may be undertaken in lieu of instream flows before approving a program that requires instream flows for protection of instream beneficial uses.	✓	✓		To 2016 session
<b>AB 1243</b> <i>Assemblyman Adam Gray (D)</i> Proposes to address groundwater sustainability. Establishes the Groundwater Recharge Grant Fund. Makes available grants to local governments and water districts for groundwater recharge infrastructure projects.	✓			To 2016 session
<b>AB 1362</b> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to define "stormwater" to mean any system of public improvements or service intended to provide for the quality, conservation, control, or conveyance of waters that land on or drain across the natural or man-made landscape.	✓			To 2016 session
<b>AB 1376</b> <i>Assemblyman Henry T. Perea (D)</i> Proposes to make an appropriation to fund drought-related drinking water projects.	✓			To 2016 session
<b>AB 1390</b> <i>Assemblyman Luis Alejo (D)</i> Proposes to address adjudication of groundwater rights. Establishes procedures. Authorizes the court to determine all rights to groundwater in a basin whether based on appropriation, overlying right, or other basis of right.	✓	✓	✓	Enacted
<b>AB 1420</b> <i>Assemblyman Rudy Salas (D)</i> Proposes to require the Division of Oil, Gas, and Geothermal Resources to prioritize the identification and testing of pipelines that are near sensitive areas.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AB 1454</b> <i>Assemblyman Eric Linder (R)</i> Proposes to address trash loads on water quality and a suspended prohibition on single-use carry out bags. Provides limited relief to water quality total maximum daily load requirements that were developed based on a plastic bag ban. The ban is inoperative, pending the results of a referendum election.	✓			To 2016 session
<b>AB 1463</b> <i>Assemblyman Mike Gatto (D)</i> Proposes to address onsite recycled water. Requires the state to establish water quality standards and distribution, monitoring, and reporting requirements for onsite water recycling systems prior to authorizing the use of onsite recycled water in internal plumbing of residential and commercial buildings.	✓	✓		To 2016 session
<b>AB 1490</b> <i>Assemblyman Anthony Rendon (D)</i> Proposes to address oil and gas well stimulation and seismic activities. Prohibits wastewater disposal wells and all well stimulation treatments within 10 miles of a recently active fault. Restricts well stimulation following an earthquake of specified magnitude and within a specified radius from the epicenter of the earthquake.	✓			To 2016 session
<b>AB 1531</b> <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address state enforcement of the Safe Drinking Water Act. Addresses prohibitions on point-of-use treatment and point-of-entry treatments and permits.	✓	✓	✓	Enacted
<b>SB 76</b> <i>Committee On Budget And Fiscal Review</i> Proposes to revise requirements related to stream diversions and determinations of whether the diversion is deleterious to steelhead and salmon. Imposes penalties.	✓	✓		To 2016 session
<b>SB 127</b> <i>Senator Andy Vidak (R)</i> Proposes to modify the Water Quality, Supply, and Infrastructure Act of 2014 (i.e., Proposition 1, 2014). Establishes procedures for public agencies to follow when certifying environmental impact reports for projects developed under the act.	✓			To 2016 session
<b>SB 143</b> <i>Senator Jeff Stone (R)</i> Proposes to address recreational use of drinking water sources. Allows certain recreational activities in drinking water reservoirs, if specific conditions are met.	✓			To 2016 session
<b>SB 144</b> <i>Senator Richard Pan (D)</i> Proposes to modify the Natomas Basin flood protection project. Adopts a report.	✓	✓	✓	Enacted
<b>SB 173</b> <i>Senator Jim Nielsen (R)</i> Proposes to address ground water withdrawals and the Sustainable Groundwater Management Act. Defines a de minimis extractor as a person who extracts, for domestic purposes, 10 acre-feet of water or less per year.	✓			To 2016 session
<b>SB 208</b> <i>Senator Ricardo Lara (D)</i> Proposes to address integrated regional water management plans. Addresses funding and grant expenditures.	✓	✓	✓	Enacted

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>SB 226</b> <i>Senator Fran Pavley (D)</i> Proposes to amend the Sustainable Groundwater Management Act. Establishes a timely method for determining rights to groundwater in furtherance of the objectives of the Act.	✓	✓	✓	Enacted
<b>SB 228</b> <i>Senator Anthony C. Cannella (R)</i> Proposes to declare that recharging of a groundwater basin by a local agency for the purposes of repelling saline intrusion and recovering basin groundwater levels constitutes a beneficial use of water.	✓			To 2016 session
<b>SB 385</b> <i>Senator Ben Hueso (D)</i> Proposes to address public utility compliance with drinking water standards for hexavalent chromium. Provides additional time to achieve compliance with California hexavalent chromium standards for utilities that submit a compliance plan to the state.	✓	✓	✓	Enacted
<b>SB 487</b> <i>Senator Jim Nielsen (R)</i> Proposes to exempt plans developed under the Sustainable Groundwater Act from certain California Environmental Quality Act requirements.	✓			To 2016 session
<b>SB 551</b> <i>Senator Lois Wolk (D)</i> Proposes to declare the policy of the state that water use and water treatment shall be as energy efficient as is feasible and energy use and generation shall be as water efficient as is feasible.	✓	✓		To 2016 session
<b>SB 552</b> <i>Senator Lois Wolk (D)</i> Proposes to require the State Water Resources Control Board to ensure disadvantaged communities have adequate water resources. Requires a report.	✓	✓		To 2016 session
<b>SB 555</b> <i>Senator Lois Wolk (D)</i> Proposes to require urban water retail sellers to conduct a water loss audit and submit a report. Requires reports to be posted electronically.	✓	✓	✓	Enacted
<b>SB 568</b> <i>Senator Jean Fuller (R)</i> Proposes to enact legislation relating to the Groundwater Sustainability Act.	✓			To 2016 session
<b>SB 615</b> <i>Senator Tom Berryhill (R)</i> Proposes to require state water boards to waive certain reporting and other requirements for managed wetlands.	✓			To 2016 session



## **LEGISLATIVE DEVELOPMENTS**

The [Hawaii legislature](#) holds a two-year session. Bills that were not enacted in 2015 carry over to the 2016 session. The 2016 session begins 1 JAN 16 and is estimated to adjourn 1 MAY 16. For information about legislation in 2015, refer to the [July 2015](#) edition of the *Western Review*.

In addition, the [Guam legislature](#) holds a two-year session. Bills introduced in odd numbered years carry over to even numbered years. The 2015 session began 12 JAN 15 and is estimated to adjourn 31 DEC 15.



## ***AIR***

**ADOPTION BY REFERENCE** The Nevada Division of Environmental Protection (NDEP) [is proposing](#) to adopt into state regulation certain provisions of the federal New Source Performance Standards (NSPS), National Emission Standards for Hazardous Air Pollutants (NESHAP), and other federal rules applicable in Nevada that have been adopted by EPA and published in the Federal Register as of 1 JUL 14. A [public hearing](#) was held 14 OCT 15.

**EMISSION REDUCTION CREDIT PROGRAM** NDEP [is proposing](#) to establish an Emission Reduction Credit (ERC) program for the creation, banking, transfer, and use of ERCs. NDEP is proposing a new, voluntary program intended to assist in growth and economic development in areas designated nonattainment for national ambient air quality standards (NAAQS). The program will provide offsets for a new major stationary source wishing to locate in a nonattainment area or for an existing facility to make a major modification. In a nonattainment area, if a facility reduces emissions through an operational change, a reconfiguration, or a shutdown and as long as the emission reductions are surplus (as defined in the regulation), the program will allow the facility to request credit for the reductions and bank a reduced portion of the credit for future use or sale. The program includes provisions for the transfer and redemption of banked credits. Comments were due 9 OCT 15. A [public hearing](#) was held 14 OCT 15.

**PARTICULATE AIR QUALITY STANDARDS** NDEP [is proposing](#) to align state particulate air quality standards with federal requirements. The rulemaking removes the PM10 standard and revises the PM2.5 standard in the state ambient air quality standards table. The rulemaking includes new definitions, as required by federal regulation, for direct emissions of PM2.5 and PM10. If adopted, these amendments will be submitted to the EPA as a revision to the Nevada SIP. Comments were due 9 OCT 15. A [public hearing](#) was held 14 OCT 15.

## ***ENERGY***

**ENERGY EFFICIENCY AND CONSERVATION PROGRAMS** The Nevada Public Utilities Commission [is proposing](#) amendments to programs for energy efficiency and conservation. The amendments would authorize a public utility to recover costs associated with the operation of authorized energy conservation programs. The rulemaking would amend Nevada Administrative Code (NAC) [704.9523](#).

## ***NATURAL RESOURCES***

**COMPETITIVE GRANTS TO BENEFIT SAGE-GROUSE POPULATIONS** The Nevada Department of Conservation and Natural Resources [is proposing](#) to establish provisions relating to the issuance of competitive grants to benefit sage-grouse populations. The rulemaking would amend NAC [548](#).

**NORTH AMERICAN INVASIVE SPECIES MANAGEMENT ASSOCIATION GUIDELINES** The Nevada Department of Agriculture [is proposing](#) to adopt by reference the [North American Invasive Species Management Association](#) guidelines. The regulation establishes provisions relating to the weed free program. The rulemaking amends NAC [555](#).

**PESTICIDE REGULATIONS** The Department of Agriculture [is proposing](#) revisions to its pesticides regulations. The amendments define terms, add fields and categories of licensing for pesticide applicators, address fees for pest control businesses and applicator licenses, and specify recordkeeping requirements. The rulemaking amends NAC [555](#).

## ***WATER***

**STATE EMERGENCY RESPONSE COMMISSION: PLANNING FOR AND RESPONDING TO DISCHARGE OF HAZARDOUS MATERIAL** The Nevada Emergency Response Commission [is proposing](#) revisions to NAC [459](#) relating to discharges of hazardous

materials. The amendments include tribes in local emergency planning committees (LEPCs) and allow state agencies to access funding formerly reserved to LEPCs under certain conditions.

**SPILL NOTIFICATION** The Nevada State Environmental Commission [is proposing](#) to modify reporting requirements for releases of hazardous substances. Currently, all spills must be reported verbally. The amendments would allow spills to be reported:

- Via an online reporting system at <http://www.ndep.nv.gov>;
- By fax at (775) 687-8335; or
- By phone at (888) 331-6337 for in-state telephone calls, or (775) 687-9485 for in-state or out-of-state calls.

Comments were due 9 OCT. A public hearing was held 14 OCT 15.

## ***LEGISLATIVE DEVELOPMENTS***

The [Nevada legislature](#) meets during odd numbered years. The legislature is not in session in 2016. For information of legislation in 2015, refer to the [July 2015](#) edition of the *Western Review*.

# **Department of Defense Activity**

**REEO TRANSITION TO USACE** The Army REEOs recently completed their first year transitioning from the Assistant Secretary of the Army for Installations, Energy, and Environment to the U.S. Army Corps of Engineers (USACE). Over the past year, the REEOs have learned more about how USACE operates, as the workforce discovers how the REEOs may support USACE projects and initiatives. The REEOs help the Army make wise use of available funds, eliminate inequitable or unnecessary environmental requirements, and share information about Administration positions with state legislators and regulators on behalf of installations. To learn more, click [here](#) or [here](#).

## ***DOD PUBLICATIONS***

**SUSTAINING ACCESS TO LIVE TRAINING DOMAIN** DOD updated [Department of Defense Instruction \(DODI\) 3200.21, Sustaining Access to Live Training Domain](#), effective 15 SEP 15. The DODI implements policy, assigns responsibilities, and provides procedures for sustaining access to the live training domain to meet training mission requirements. According to the DODI, it is DOD policy to sustain access to and operational use of the live training domain through:

- Comprehensive planning to address current and future encroachment challenges.
- Stakeholder engagement and partnering actions to identify compatible resource uses near training activities. Stakeholders are defined in Reference (a) and may also include Native Hawaiian Organizations as specified in DODI 4710.03 (Reference (f)).
- Sound resource and environmental management practices that sustain the capability of live training areas provided to DOD.
- Record keeping procedures to account for the training range inventory and operational range activities.

## ***ENERGY***

**MICROGRIDS** DOD, the Department of Energy (DOE), and the Department of Homeland Security have developed microgrids to ensure the nation's critical military facilities maintain operations in the event of natural disasters, accidents, and physical or cyber threats. The microgrid project, known as SPIDERS ([Smart Power Infrastructure Demonstration for Energy Reliability and Security](#)), has resulted in several military bases developing a series of backup

power sources, including solar, diesel generators, and batteries, that could be used in the event of a major outage. The program can eventually be applied to non-military critical infrastructure.

**ENERGY AWARENESS MONTH** October is [National Energy Awareness Month](#), a national effort to underscore how central energy is to our national prosperity, security, and environmental well-being. In support, DOD [announced its agenda](#) for National Energy Awareness Month [activities](#). DOE is also conducting energy activities in October. For more information, click [here](#).

## Federal Activity

### *AIR*

**EMISSIONS TESTING** EPA is proposing technical and editorial corrections and revisions to regulations related to source testing of emissions ([80 FR 54145](#)). The proposed rule will correct and update testing provisions that contain inaccuracies and outdated procedures, and provide alternatives to existing testing regulations. Revisions will also improve the quality of data and provide testers flexibility to use recently approved alternative procedures. Many of these changes were suggested by testers and other end-users. Changes do not impose new substantive requirements on source owners or operators. Comments are due 9 NOV 15.

**GHG EMISSIONS AND FUEL EFFICIENCY STANDARDS FOR MEDIUM- AND HEAVY-DUTY ENGINES AND VEHICLES** EPA and the Department of Transportation (DOT) extended the public comment period on their [proposed](#) national program to reduce greenhouse gas (GHG) emissions and fuel consumption for new on-road heavy-duty vehicles ([80 FR 53756](#)). The standards would be phased in, beginning with the 2018 model year over a 10-year period. DOT's proposed fuel consumption standards and EPA's proposed CO<sub>2</sub> emission standards are tailored to each of four regulatory categories of heavy-duty vehicles: combination tractors, trailers used in combination with those tractors, heavy-duty pickup trucks and vans, and vocational vehicles. The proposal also includes separate standards for the engines that power combination tractors and vocational vehicles. In addition, EPA is proposing hydrofluorocarbon standards to control leakage from air conditioning systems in vocational vehicles and nitrous oxide and methane standards for heavy-duty engines. The public comment period was extended to 1 OCT 15.

**PETROLEUM REFINERY RULEMAKING** EPA issued a final rule with additional emission control requirements for storage tanks, flares, and coking units at petroleum refineries. Notably, this is the first time the agency is requiring continuous air monitoring along a facility's fence line. For more information, click [here](#).

**ARIZONA SIP: PHOENIX-MESA STAGE II VAPOR RECOVERY** EPA is proposing to approve a revision to the Arizona SIP that concerns stage II vapor recovery equipment at gasoline dispensing facilities in the Phoenix-Mesa area ([80 FR 53086](#)). The revision eliminates a requirement to install and operate such equipment at new gasoline dispensing facilities and provides for the phased removal of such equipment at existing gasoline dispensing facilities from October 2016 through September 2018. EPA previously determined that onboard refueling vapor recovery is in widespread use nationally and waived the stage II vapor recovery requirement. Comments were due 2 OCT 15.

**CALIFORNIA SIP: MONTEREY BAY AND VENTURA COUNTY** EPA is proposing to approve revisions to the Monterey Bay Unified Air Pollution Control District and the Ventura County Air Pollution Control District portions of the California SIP ([80 FR 57725](#)). The revisions approve local rules that address VOC emissions from the transfer of gasoline into vehicle fuel tanks, and from the transfer or dispensing of liquefied petroleum gas (LPG). The rules are effective 24 NOV 15 unless the agency receives adverse comment by 26 OCT 15.

**CALIFORNIA SIP: SAN JOAQUIN VALLEY** EPA is proposing to approve revisions to the California SIP that concern emissions of VOCs, NOx, and particulate matter (PM) from wood burning devices ([80 FR 58637](#)). Comments are due 30 OCT 15.

**NEVADA SIP: REGIONAL HAZE** EPA is proposing to approve a revision to Nevada's Regional Haze SIP ([80 FR 55805](#)). The revision addresses Regional Haze Rule requirements under the CAA to submit a report describing progress in achieving reasonable progress goals (RPGs) to improve visibility in federally designated Class I areas in Nevada and in nearby states that may be affected by emissions from sources in Nevada. Comments are due 19 OCT 15.

**NEVADA SIP: TRUCKEE MEADOWS** EPA is proposing to approve two revisions to the Truckee Meadows portion of the Nevada SIP ([80 FR 58640](#)). The first revision provides a demonstration of implementation of best available control measures (BACM) for control of PM10 within Truckee Meadows. The second revision is a plan that provides for the maintenance of the PM10 NAAQS in Truckee Meadows through 2030, includes an emissions inventory consistent with attainment, and establishes motor vehicle emissions budgets. In connection with these proposed approvals, the EPA is proposing to determine that major stationary sources of PM10 precursors do not contribute significantly to elevated PM10 levels in the area. Also, EPA is proposing to approve Nevada's request for redesignation of the Truckee Meadows nonattainment area to attainment for the PM10 standard. Comments are due 30 OCT 15.

## ***CLEANUP***

**GAO REPORT ON FEDERAL CLEANUPS** The Government Accountability Office (GAO) released a report titled *Hazardous Waste Cleanup, Numbers of Contaminated Federal Sites, Estimated Costs, and EPA's Oversight Role* ([GAO-15-830T](#)). The [report](#) focuses on the U. S. Department of Agriculture (USDA) and the Forest Service (FS), on the issue of abandoned mines. It also touches on the length of time to complete preliminary assessments, noting that "DOD may take two to three years to complete an assessment and that EPA does not have independent authority under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) to enforce a timeline." GAO makes no new recommendations in the report. To view the report highlights, click [here](#).

## ***CLIMATE CHANGE***

**CLIMATE RESILIENCE TOOLKIT** As part of the [Obama Administration's Climate Data Initiative](#), a new set of online climate data resources is available to help with climate change planning, adaptation, and management. The [U.S. Climate Resilience Toolkit](#) was developed by the National Oceanic and Atmospheric Administration and other federal agencies. The toolkit will boost climate resiliency by using data-driven tools, information, and subject-matter expertise. Future updates will include climate impact information specific to tribal nations.

## ***EMERGING CONTAMINANTS***

**CONTAMINANTS OF CONCERN AT FEDERAL FACILITIES** EPA published [technical fact sheets](#) on contaminants of concern that present unique issues and challenges to the environmental community and EPA at contaminated federal facility sites. Each fact sheet provides a brief summary of the contaminant, including physical and chemical properties, environmental and health impacts, existing federal and state guidelines, and detection and treatment methods. The fact sheets are intended for project managers and field personnel to use when addressing specific contaminants at cleanup sites. They are updated annually.

## ***ENERGY***

**QUADRENNIAL TECHNOLOGY REVIEW 2015** DOE released the [Quadrennial Technology Review \(QTR\) 2015](#), which describes the current energy landscape, the potential for improvement in systems and technologies, and a wide-ranging set of related research, development, demonstration, and deployment opportunities.

**ZERO ENERGY BUILDINGS** In 2014, DOE's Building Technologies Office contracted with the National Institute of Building Sciences (NIBS) to establish definitions, associated nomenclature, and measurement guidelines for zero energy buildings, with the goal of achieving widespread adoption and use by the building industry. NIBS prepared, [A Common Definition for Zero Energy Buildings](#), to present the results of that work. The publication states that a Zero Energy Building is "an energy-efficient building where, on a source energy basis, the actual annual delivered energy is less than or equal to the on-site renewable exported energy." This definition also applies to campuses, portfolios, and communities. In addition to providing clarity across the industry, the new DOE publication provides important guidelines for measurement and implementation, specifically explaining how to use the zero energy definition for building projects.

**RENEWABLE PORTFOLIO STANDARDS** During the 2015 legislative session, several states significantly modified their [renewable portfolio standards](#), which require utilities to have a specific percentage of renewable energy in their energy mix. California enacted [legislation](#) that increases the state's requirement to 50% of sales by 2030, along with a doubling of the state's energy efficiency standard. Hawaii enacted [legislation](#) establishing a goal of 100% renewable energy sales by 2045, an increase from the previous requirement of 40% of sales by 2030. Kansas' requirement that 20% of a utility's peak demand capacity to be from renewable energy by 2020 was converted to a non-binding target by [legislation](#) that also placed a 10-year cap on a formerly permanent renewable energy property tax exemption. Vermont [altered](#) the state's non-binding goal into a requirement of 75% renewable energy sales by 2032.

**MILITARY RENEWABLE ENERGY PROJECTS AID CLEAN POWER PLAN GOALS** According to a 17 SEP 15 report in the *Washington Post*, military emphasis on renewable energy could make it easier for some states to comply with new mandates to reduce CO<sub>2</sub> and other GHG emissions. Clean Power Plan regulations adopted by EPA in August require states to cut back on pollutants from power plants beginning in 2022, with incentives to replace coal with renewable energy, such as solar or wind. Each state has different emission reduction goals. "If the Army, Navy and Air Force met their combined announced goals of renewable energy capacity, the Defense Department could meet South Dakota's challenging emissions reduction requirements nearly one and a half times over," said a representative of a nonprofit association made up of companies involved in clean-energy technologies. To read the full article, click [here](#).

**HAWAII CLEAN ENERGY PEIS** DOE released the [Hawaii Clean Energy Final Programmatic Environmental Impact Statement](#) (PEIS) ([80 FR 56450](#)). The PEIS, which is not required under the National Environmental Policy Act (NEPA), evaluates the potential environmental impacts associated with 31 energy efficiency activities and renewable energy technologies that could be implemented to assist the state in meeting the goals established under the [Hawaii Clean Energy Initiative](#) (HCEI).

## ***ENFORCEMENT***

**NATIONAL ENFORCEMENT INITIATIVES FOR FY 2017-2019** EPA is developing national enforcement initiatives (NEIs) for FY 2017-2019 and is seeking public comment and recommendations on which of the [current NEIs](#) should continue, be expanded, or returned to the standard enforcement program ([80 FR 55352](#)). Current initiatives may be carried forward, refined, or concluded for the FY 2017-2019 cycle. EPA is also seeking comment on the list of potential NEIs that are currently being considered for the FY 2017-2019 national enforcement cycle:

- *Protecting Communities from Exposure to Toxic Air Emissions* – EPA is considering expanding the [current initiative](#) to include emissions from organic liquid storage tanks and hazardous waste activities.
- *Keeping Industrial Pollutants Out of the Nation's Waters* - This potential NEI would focus on the mining, chemical manufacturing, food processing, and primary metals manufacturing sectors that contribute to surface water pollution.
- *Reducing the Risks and Impacts of Industrial Accidents and Releases* - This potential NEI would focus on the facilities and the chemicals that pose the greatest risks, with a goal of increasing industry attention to preventing accidents, instead of addressing problems after accidents happen. Facilities subject to this NEI

could include any of the thousands of facilities across the country that produce, process, store, and use extremely hazardous or acutely toxic substances, from municipal water treatment plants to large refineries.

The final NEIs will be included in the national enforcement initiatives in the National Program Manager (NPM) Guidance to enable EPA, states, and federally-recognized Indian tribes to effectively align their joint implementation of environmental laws to achieve mutual goals. Comments are due 14 OCT 15.

## ***ENVIRONMENTAL MANAGEMENT***

**UPDATED ISO 14001** The International Organization for Standardization ([ISO](#)) released an updated version of its environmental management standard. The new standard, referred to as [ISO 14000:2015](#), accommodates factoring of both external and internal elements that influence impact, including climate volatility. Other key improvements in the new version:

- Greater commitment from leadership;
- Increased alignment with strategic direction;
- Greater protection for the environment, with a focus on proactive initiatives;
- More effective communication, driven through a communications strategy; and
- Life-cycle thinking, considering each stage of a product or service, from development to end-of-life.

For more information, click [here](#).

## ***MULTI-MEDIA***

**HAWAII CROSS-MEDIA ELECTRONIC REPORTING** EPA approved Hawaii's request to revise/modify certain of its EPA authorized programs to allow electronic reporting ([80 FR 53513](#)). The approval, which authorizes electronic reporting under 40 CFR Part 52 (Approval and Promulgation of Implementation Plans) and Part 70 (State Operating Permit Programs), was effective 4 SEP 15.

## ***NATURAL AND CULTURAL RESOURCES***

**NATIONAL WETLAND PLANT LIST** USACE, as part of an interagency effort with EPA, the Fish and Wildlife Service (FWS), and the Natural Resources Conservation Service, is announcing the availability of the [draft National Wetland Plant List 2015 \(80 FR 55103\)](#). Comments are due 13 NOV 15.

**FWS NATIVE AMERICAN POLICY** FWS reopened the public comment period on its [3 AUG 15](#) proposed draft Native American Policy ([80 FR 57014](#)). The policy would establish a framework on which to base FWS's continued interactions with federally recognized tribes and Alaska Native Corporations. The policy recognizes the sovereignty of federally recognized tribes; states that the service will work on a government-to-government basis with tribal governments; and includes guidance on co-management, access to and use of cultural resources, capacity development, law enforcement, and education. The public comment period is extended to 21 OCT 15. The draft policy is available [here](#).

## ***SUSTAINABILITY***

**EPEAT** DOD, the General Services Administration (GSA), and the National Aeronautics and Space Administration (NASA) adopted an interim rule amending the Federal Acquisition Regulation (FAR) to implement changes in the Electronic Product Environmental Assessment Tool ([EPEAT](#)) registry ([80 FR 53436](#)). The final rule expands the requirement to procure EPEAT-registered products to include imaging equipment (i.e., copiers, digital duplicators, facsimile machines, mailing machines, multifunction devices, printers, and scanners) and televisions. It modifies the existing FAR requirements to recognize the revised standard applicable to computer products. The final rule was effective 5 OCT 15.

**FEDERAL PROCUREMENT OF ENVIRONMENTALLY PREFERABLE PRODUCTS AND SERVICES** EPA is providing interim recommendations to assist federal agencies in purchasing environmentally preferable products and services ([80 FR 57809](#)). This action is intended to help federal agencies purchase environmentally preferable products and services in accordance with [Executive Order 13693](#) and reduce public health and environmental impacts associated with the federal government's extensive supply chain. For more information, click [here](#) and [here](#).

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

**FWS DECLINES TO LIST GREATER SAGE-GROUSE** An unprecedented, landscape-scale conservation effort across the western U.S. has significantly reduced threats to the greater sage-grouse across 90% of the species' breeding habitat and led the FWS to conclude that the rangeland bird does not warrant protection under the Endangered Species Act (ESA). The collaborative, science-based greater sage-grouse strategy is the largest land conservation effort in U.S. history. FWS reached its determination after evaluating the bird's population status, along with the collective efforts by the Bureau of Land Management (BLM), FS, state agencies, private landowners, DOD, and other partners to conserve its habitat. Despite long-term population declines, sage-grouse remain relatively abundant and well-distributed across the species' 173-million-acre range. After an analysis of the best available scientific information and taking into account ongoing key conservation efforts and their projected benefits, FWS has determined the bird does not face the risk of extinction now or in the foreseeable future and therefore does not need protection under ESA. For more information, click [here](#). To read brief evaluation of the impact of the ruling on the military, click [here](#).

**GREATER SAGE-GROUSE AND SAGEBRUSH CONSERVATION** BLM and FS finalized land use plans that will conserve key sagebrush habitat, address identified threats to the greater sage-grouse, and promote sustainable economic development in the West. The plans are a critical component that led FWS to conclude that the rangeland bird no longer warrants protection under ESA.

Land use plans focus on conserving priority habitat areas that have been identified as having the highest value to maintaining the species and its habitat. The plans identify land use measures in priority habitat that are designed to minimize or avoid habitat disturbance. Within priority habitat, the plans identify sagebrush focal areas as important landscape blocks with high breeding population densities of sage-grouse and existing high quality sagebrush. The plans also designate general habitat management areas, which provide greater flexibility for land use activities. The plans contain three common approaches:

- Minimize new or additional surface disturbance;
- Improve habitat condition; and
- Reduce threat of rangeland fire.

For information about BLM actions and plans to conserve sage-grouse and sagebrush habitat, click [here](#). For information about FS actions and plans to conserve sage-grouse and sagebrush habitat, click [here](#).

**STATUS REVIEWS INITIATED FOR 23 OF 25 SPECIES** FWS has initiated status reviews for 23 of the 25 species petitioned for listing and determined that listing is not warranted for the remaining two species ([80 FR 56423](#)). Based on the results of the 23 status reviews, the service will issue 12-month findings indicating whether listing of each species is warranted. Comments are due 17 NOV 15. For more information, click [here](#) then scroll down to Table 1 to view the complete list of species or scroll to the Supplementary Information section to view species' specific ranges.

**BULL TROUT RECOVERY PLAN** FWS released the final [Recovery Plan for the Coterminous United States Population of Bull Trout](#), including [six final recovery unit implementation plans](#) ([80 FR 58767](#)). The recovery plan includes specific goals, objectives, and criteria that should be met in order to consider removing the species from the Federal List of Endangered and Threatened Wildlife. [Bull trout](#) (*Salvelinus confluentus*) are native Washington, Oregon, Idaho, Nevada, Montana and western Canada.

**ENDANGERED STATUS FOR 49 HAWAIIAN SPECIES** FWS is proposing to list 10 animal species and 39 plant species in the Hawaiian Islands as endangered ([80 FR 58819](#)). The animal species include the band-rumped storm-petrel (*Oceanodroma castro*), the orangeblack Hawaiian damselfly (*Megalagrion xanthomelas*), the anchialine pool shrimp (*Procaris hawaiana*), and seven yellow-faced bees (*Hylaeus anthracinus*, *H. assimulans*, *H. facilis*, *H. hilaris*, *H. kuakea*, *H. longiceps*, and *H. mana*). Comments are due 30 NOV 15.

## **TOXICS**

**TOXICOLOGICAL PROFILES: PERFLUOROALKYLS** The Agency for Toxic Substances and Disease Registry (ATSDR) released a toxicological profile for [perfluoroalkyls](#) for public review and comment ([80 FR 53157](#)). Perfluoroalkyls have been used in surface protection products in carpets, clothing, paper, and cardboard and in firefighting foams. The two perfluoroalkyls made in the largest amounts in the U.S. are PFOA and PFOS. ATSDR produces profiles for each substance on the priority list of hazardous substances. The list identifies 275 hazardous substances that ATSDR, in cooperation with EPA, has determined pose the most significant potential threat to human health. Comments on the toxicological profile are due 1 DEC 15.

## **WASTE**

**HAZARDOUS WASTE GENERATOR IMPROVEMENTS RULE** EPA is proposing to update hazardous waste generator regulations to make them easier to understand, facilitate better compliance, provide greater flexibility in how hazardous waste is managed, and close gaps in the regulations ([80 FR 57919](#)). Among the many proposed changes are revisions to hazardous waste container labeling requirements and satellite accumulation point management. The agency is proposing flexibility by:

- Allowing a hazardous waste generator to avoid increased burden of a higher generator status when generating episodic waste provided such waste is properly managed; and
- Allowing a conditionally exempt small quantity generator to send hazardous waste to a large quantity generator under control of the same person.

**PHARMACEUTICAL HAZARDOUS WASTE** EPA is proposing to add management standards for [hazardous waste pharmaceuticals](#) to hazardous waste rules under a new subpart P to 40 CFR Part 266 ([80 FR 58013](#)). The proposed rules ban healthcare facilities from flushing hazardous waste pharmaceuticals down the sink and toilet. They create specific regulations for healthcare workers and pharmacists working in hospitals, clinics, and retail stores with pharmacies and for reverse distributors that generate hazardous waste. The rules are intended to improve labeling of hazardous waste and emergency planning and preparedness, while providing greater flexibility in how facilities and employees manage their hazardous waste and making the regulations easier to understand. Comments are due 24 NOV 15. For more information, click [here](#). To view a press release, click [here](#).

**MANAGING AND TRANSFORMING WASTE STREAMS TOOL** EPA launched a [new tool](#) for communities to recover the lost value of material discards by setting up systems for reuse, recycling, and composting. The tool is ideal for cities and counties that are updating their solid waste management plans and wish to consider additional measures, as well as those adopting a zero waste plan or working on sustainability or climate action plans. By using the sorting and filtering features of the tool, planners can generate a list of measures for consideration tailored to their communities' priorities. The website also features more than 240 examples of policies and programs implemented in communities across the country, along with relevant online resources. For more information, click [here](#).

**NATIONAL FOOD WASTE REDUCTION GOAL** EPA and USDA established the first [national food waste reduction goal](#), calling for a 50% reduction in food waste by 2030. As part of the effort, the federal government will lead a new partnership with charitable organizations, faith-based organizations, the private sector, and local, state, and tribal governments to reduce food loss and waste in order to improve overall food security and conserve our nation's natural resources. Food loss and waste in the United States accounts for approximately 31% (133 billion pounds) of the

overall food supply available to retailers and consumers and has far-reaching impacts on food security, resource conservation, and climate change. Food loss and waste is single largest component of disposed U.S. municipal solid waste, accounting for a significant portion of U.S. methane emissions. For more information, click [here](#).

## **WATER**

**NPDES ELECTRONIC REPORTING** In advance of formal publication in the Federal Register, EPA released the text of a [final rule](#) that will require National Pollutant Discharge Elimination System (NPDES) permit related reporting to be filed electronically. This rulemaking is part of EPA's Next Generation Compliance strategy, as well as the E-Enterprise for the Environment strategy with states and tribes, to take advantage of new tools and innovative approaches to increase compliance and reduce pollution. EPA expects to publish the final rule in the Federal Register in October, 2015. The final rule will be effective 60 days following publication.

**SURFACE WATER PROTECTION FROM COAL MINING** The U.S. Department of Interior, Office of Surface Mining and Reclamation extended the public comment period on its proposed [Stream Protection Rule](#), [draft EIS](#), and [draft regulatory impact analysis](#) developed in association with the rule ([80 FR 54590](#)). The proposed rule, intended to prevent or minimize impacts to surface water from coal mining operations, would revise [regulations for coal mining](#) that have been in place since 1983. The proposed rule requires coal companies to test and monitor the condition of streams that their mining might impact before, during, and after their operations, providing baseline data to ensure that operators could detect and correct problems if or when they arise. It also requires companies to restore streams and return mined-over areas to the uses they were capable of supporting prior to mining activities and to replant them with native trees and vegetation unless a conflicting land use is implemented. The public comment period was extended to 26 OCT 15.

**2015 UST RULE: SUPPLEMENTARY INFORMATION** EPA released a [questions and answers](#) document regarding its 2015 underground storage tank (UST) rule. In addition, the agency released a brochure to answer questions about [implementation time frames](#). For more information about the 2015 UST rule, 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***

**2015 SMALL WATER AND SYSTEMS WEBINAR SERIES** EPA's Office of Research Development and Office of water is hosting a monthly webinar series to communicate EPA's current small systems research along with agency priorities. The website includes an archive of past webinars.

- 27 OCT 15: Decentralized High-Rate Wastewater Treatment of Peak Wet Weather Flows
- 24 NOV 15: Treatability Databases, Cost Models, and other Tools for Water Systems
- 15 DEC 15: Reduction of Lead in Drinking Water

\* **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.

- 15 OCT 15: LED-ing the Way: Sophisticated and Energy Efficient Exterior Lighting Systems for DOD Installations
- 29 OCT 15: Assessment and Treatment of Contaminated Sediments
- 12 NOV 15: Munitions Response: Land Based Program Closeout
- 3 DEC 15: Emerging Contaminants: DOD Overview and State of Knowledge on Fluorochemicals and 1,4-Dioxane
- 17 DEC 15: Watershed Assessment and Stormwater Management Optimization Tools

**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)

**\*FEMP ENERGY MANAGEMENT TRAINING CERTIFICATE SERIES** The Federal Energy Management Program (FEMP) released [nine new certificate training series](#). The training is free, self-paced, and available online through the Whole Building Design Guide (WBDG). The series includes:

- [Energy-Efficient HVAC in Data Centers and Laboratories](#)
- [Guiding Principles for High-Performance Buildings](#)
- [Optimizing Building Operations](#)
- [Planning and Financing Renewable Energy Projects](#)
- [Project Financing through Energy Savings Performance Contracts](#)
- [Project Financing through Utility Energy Service Contracts](#)
- [Renewable Energy Technology Applications](#)
- [Solar Energy: Photovoltaics](#)
- [Sustainable Strategies for Operations and Maintenance and Energy Conservation](#)

**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.

**\*13 OCT – 10 NOV, ONLINE: [WATER RESOURCES MANAGEMENT USING NASA EARTH SCIENCE DATA: NASA SATELLITE MISSIONS AND LAND-ATMOSPHERE MODELS RELEVANT TO WATER RESOURCES MANAGEMENT](#)** This weekly, five-session series will provide information about availability and access to global freshwater data for applications in drought and agricultural management, flooding and reservoir management from NASA remote sensing observations and land-atmosphere models. The series will also provide geographic information system-based analysis of regional water budget for applications in water resources management. Each one-hour session will convene at 10:00 and again at 2:00 Eastern. The course agenda is as follows:

- 13 OCT: NASA Satellite Missions and Land-Atmosphere Models Relevant to Water Resources Management
- 20 OCT: Overview of Precipitation and Soil Moisture Data
- 27 OCT: Overview of Run off/Streamflow and Reservoir Height Data
- 3 NOV: Overview of Evapotranspiration and Ground Water Data
- 10 NOV: Regional Water Budget Estimation and Water Resources Data Applications

### ***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 from the Department of Energy's Wind Program offers 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. Participants 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](http://www.clu-in.org).

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

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

**AVERT TUTORIAL** 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 SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> emissions in the continental United States. The tool can be used to evaluate county, state and

regional level emissions displaced by energy efficiency and renewable energy programs without the need 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.

\* indicates the first time a professional development opportunity appears in the *Western Review*.

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## How the Regional Offices Work for You

**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 assure that DOD and Services' interests are protected.

To comment on item in the *Western Review*, please contact the Regional Environmental Coordinator listed at the top of each region's section.

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