



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

June 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

Arizona	2
California	2
Hawaii and Pacific Islands	18
Nevada	23
DoD Activity	25
Federal Activity	26
Professional Development	31
Staff Directory	37
Acronyms	38

Rule Redefines "Waters of the U.S."

The Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (USACE) finalized the [Clean Water Rule](#) to ensure that waters are protected under the Clean Water Act (CWA). Specifically, the rule:

- Clearly defines and protects tributaries that impact the health of downstream waters. The rule states a tributary must show physical features of flowing water—a bed, bank, and ordinary high water mark—to warrant protection. It provides protection for headwaters that exhibit these features and impact downstream waters.
- Provides certainty in how far safeguards extend to nearby waters. The rule protects waters next to rivers and lakes and their tributaries, as science demonstrates they impact downstream waters. The rule sets boundaries on covering nearby waters for the first time that are physical and measurable.
- Focuses on streams, not ditches. The rule limits protection to ditches constructed out of streams or that function like streams and can carry pollution downstream. Ditches not constructed in streams and flow only when it rains are not covered.
- Maintains the status of waters within Municipal Separate Storm Sewer Systems. The rule does not change how those waters are treated and encourages the use of green infrastructure.
- Reduces the use of case-specific analysis of waters. Previously, almost any water could be put through a lengthy case-specific analysis, even if it would not be subject to the CWA. The rule significantly limits the use of case-specific analysis by creating clarity and certainty on protected waters and limiting the number of similarly situated water features.

The Clean Water Rule will be effective 60 days after publication in the Federal Register.

Region 9

Want to comment on something in the Review? Contact [Mark Mahoney](#), Region 9 Environmental Coordinator (303) 844-0956.



WATER

BIOSOLIDS The Arizona Department of Environmental Quality (ADEQ) [repealed](#) the prohibition on incineration of biosolids. The rulemaking amends state rules governing biosolids, [R18-9-1002](#) (Applicability and Prohibitions) and [R18-9-1015](#) (Inspection). The final rule is effective 4 JUL 15.

LEGISLATIVE DEVELOPMENTS

The [2015 Arizona legislative session](#) began 12 JAN 15 and adjourned 2 APR 15. For information about legislation in 2015, refer to the [May 2015](#) edition of the Review.



AIR

IMPERIAL COUNTY: EMISSION REDUCTION CREDITS The Imperial County Air Pollution Control District adopted revisions to [Rule 214](#) (Emission Reduction Credit (ERC) Banking) and [Rule 215](#) (Community Bank and Priority Reserve). Final Rules [214](#) and [215](#) were effective 12 MAY 15.

IMPERIAL COUNTY: ROAD PAVING EMISSION REDUCTION CREDITS The Imperial County Air Pollution Control District adopted new Rule 214.2 (Paving Unpaved Public Roads Emission Reduction Credits (PERCs)). The rule is intended to encourage paving of unpaved public roads throughout Imperial County and reduce particulate matter (PM) emissions. The [final rule](#) was effective 12 MAY 15.

SOUTH COAST: RISK ASSESSMENTS AND THE AIR TOXICS HOT SPOTS PROGRAM The South Coast Air Quality Management District [is proposing](#) to update definitions and rule language relating to health risk calculation methodologies in local rules 1401, 1401.1, 1402, and 212. The amendments will provide consistency with the Air Toxics Hot Spots Program Guidance Manual for Preparation of Risk Assessments. A [public hearing](#) was held 6 JUN 15.

SOUTH COAST: INCORPORATION BY REFERENCE The South Coast Air Quality Management District [incorporated by reference](#) current federal new source performance standards (NSPS) and national emission standards for hazardous air pollutants (NESHAP) under Title 40 Code of Federal Regulations (CFR) Parts 60 and 61. The rulemaking amended local rules [IX](#) and [X](#). The final rules were effective 4 APR 15.

VENTURA COUNTY: BOILERS, STEAM GENERATORS, AND PROCESS HEATERS The Ventura County Air Pollution Control District [is proposing](#) revisions to [Rule 74.15.1](#). The revisions will implement an All Feasible Measures requirement of the California Clean Air Act. The district’s 2007 Air Quality Management Plan relies on adopting All Feasible Measures to help attain the state ambient ozone air quality standard. A [public hearing](#) is scheduled for 23 JUN 15. Click [here](#) to view a staff report.

ENERGY

APPLIANCE EFFICIENCY STANDARDS The California Energy Commission (CEC) [adopted amendments](#) to the Appliance Efficiency Regulations for state-regulated appliances. CEC amended standards in three distinct areas: water efficiency standards for toilets, urinals, and faucets; standards for dimming ballasts; and labeling standards for replacement air filters in heating and ventilation systems and heat-pump water-chilling packages. The rulemaking amends Title 20, Sections 1601–1608 of the California Code of Regulations (CCR), which contain definitions, test procedures, labeling requirements, and efficiency standards for state-regulated appliances. The [final rule](#) was effective 15 MAY 15.

WATER

REPORT AND GENERAL WASTE DISCHARGE REQUIREMENTS FOR COMPOSTING OPERATIONS The California State Water Resources Control Board (State Water Board) is requesting public comment on a draft California Environmental Quality Act (CEQA) [Environmental Impact Report](#) (EIR) and proposed [General Waste Discharge Requirements for Composting Operations](#) (General Order). A board workshop is scheduled for 16 JUN 15 and a [public meeting](#) is scheduled for 7 JUL 15. For more information, click [here](#) to view the rulemaking website.

PROPOSITION 65: BPA The California Office of Environmental Health Hazard Assessment (COEHHA) [added](#) bisphenol A (BPA) to the list of chemicals known to the state to cause reproductive toxicity for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). The [notice](#) was issued 22 MAY 15. [Click here](#) for more information about BPA and reproductive toxicity.

PROPOSITION 65: WEBSITE COEHHA [is proposing](#) to establish the framework for a website operated by OEHHA that would provide supplemental information to the public about potential exposures to Proposition 65 listed chemicals. The rulemaking would add [new section 25205](#) to Title 27 CCR.

LEGISLATIVE DEVELOPMENTS

The [2015 California legislative session](#) began 1 DEC 14 and adjourns 30 NOV 16.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
AB 239 <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.	✓			
AB 335 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 590 <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.	✓	✓		
AB 692 <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.	✓			
AB 742 <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.	✓			
AB 777 <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal the California Global Warming Solutions Act of 2006.	✓			
AB 857 <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.	✓	✓		
AB 1094 <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.	✓			
AB 1288 <i>Assemblywoman Toni Atkins (D)</i> Proposes to amend market-based compliance provisions of the Global Warming Solutions Act of 2006.	✓	✓		
AB 1324 <i>Assemblyman Das Williams (D)</i> Proposes to revise the definition of "statewide greenhouse gas emissions limit."	✓			
AB 1332 <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.	✓			
AB 1482 <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.	✓	✓		
AB 1496 <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.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 180 <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.	✓			
SB 189 <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.	✓	✓		
SB 207 <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.	✓	✓		
SB 246 <i>Senator Bob Wieckowski (D)</i> Proposes to create the Climate Action Team. Requires the team to coordinate the state's climate policy to achieve California climate change goals. Requires the team to update climate adaptation planning documents and guides.	✓	✓		
SB 379 <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.	✓	✓		
SB 471 <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.	✓	✓		
SB 491 <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.	✓	✓		
SB 513 <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.	✓	✓		
ENERGY				
AB 140 <i>Assemblyman Travis Allen (R)</i> Proposes to make changes to existing law governing reports about the impact of distributed energy generation.	✓			
AB 197 <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.	✓	✓		
AB 213 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 450 <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.	✓	✓		
AB 568 <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.	✓	✓		
AB 577 <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.	✓	✓		
AB 645 <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.	✓	✓		
AB 655 <i>Assemblyman Bill Quirk (D)</i> Proposes to increase fees for transporters of inedible kitchen grease for personal, noncommercial use as an alternative fuel.	✓	✓		
AB 674 <i>Assemblyman Kevin Mullin (D)</i> Proposes to address distributed energy generation. Restricts how electrical corporations can assess fees.	✓			
AB 808 <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.	✓	✓		
AB 942 <i>Assemblyman Ian Calderon (D)</i> Proposes to make amendments to the California Solar Initiative.	✓			
AB 946 <i>Assemblyman Phil Ting (D)</i> Proposes to address interoperability of electric vehicle charging stations.	✓			
AB 966 <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.	✓			
AB 1005 <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.	✓			
AB 1022 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1034 <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.	✓	✓		
AB 1330 <i>Assemblyman Richard Bloom (D)</i> Proposes to enact the Energy Efficiency Resource Standard Act. Mandates energy efficiency programs for buildings.	✓			
AB 1333 <i>Assemblyman Bill Quirk (D)</i> Proposes to address tariffs for electricity purchased from certain electric generation facilities.	✓			
AB 1442 <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.	✓			
SB 286 <i>Senator Robert Hertzberg (D)</i> Proposes to expand the use of direct access for the purchase of electricity.	✓	✓		
SB 350 <i>Senator Kevin de Leon (D)</i> Proposes to expand the California Renewable Portfolio Standards program from 33% by 2020 to 50% by 2050.	✓	✓		
SB 360 <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.	✓			
SB 427 <i>Senator Jean Fuller (R)</i> Proposes to make amendments to the renewable portfolio standard program.	✓			
SB 550 <i>Senator Robert Hertzberg (D)</i> Proposes to address net metering. Deletes an exemption for net metering.	✓			
SB 687 <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.	✓			
SB 723 <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.	✓			
SB 765 <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.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p>SB 793 <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.</p>	✓	✓		
LAND USE				
<p>AB 644 <i>Assemblyman Jim Wood (D)</i> Proposes to address local approval of building construction in high fire hazard severity zones.</p>	✓	✓		
<p>AB 1004 <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.</p>	✓	✓		
<p>AB 1061 <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.</p>	✓	✓		
NATURAL RESOURCES				
<p>AB 300 <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.</p>	✓	✓		
<p>AB 311 <i>Assemblyman James Gallagher (R)</i> Proposes to address environmental impact reports for water improvement projects.</p>	✓			
<p>AB 353 <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.</p>	✓	✓		
<p>AB 435 <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.</p>	✓	✓		
<p>AB 498 <i>Assemblyman Marc Levine (D)</i> Proposes to protect wildlife corridors.</p>	✓	✓		
<p>AB 559 <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.</p>	✓	✓		
<p>AB 1251 <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.</p>	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1312 <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.	✓			
AB 1398 <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.	✓			
SB 122 <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.	✓	✓		
SB 154 <i>Senator Robert Huff (R)</i> Proposes to make technical, non-substantive changes to the definition of "environmental impact report."	✓			
SB 223 <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.	✓	✓		
SB 520 <i>Senator Tom Berryhill (R)</i> Proposes to repeal provisions of existing law that establish fire prevention fees for habitable structures.	✓			
SB 756 <i>Senator Jeff Stone (R)</i> Proposes to amend the California Environmental Quality Act.	✓			
OTHER				
AB 350 <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.	✓			
AB 543 <i>Assemblyman Bill Quirk (D)</i> Proposes to define prohibitions and warnings in Proposition 65.	✓			
AB 597 <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.	✓			
AB 641 <i>Assemblyman Chad Mayes (R)</i> Proposes to address administrative procedures under the California Environmental Quality Act regarding state agency reviews of housing projects.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 729 <i>Assemblywoman Toni Atkins (D)</i> Proposes to address the San Diego Unified Port District territory held in trust.	✓			
AB 772 <i>Assemblyman Catharine Baker (R)</i> Proposes to require records of the sale of butane be kept for a specified period of time.	✓			
AB 824 <i>Assemblyman Mike Gatto (D)</i> Proposes to amend the definition of "fire prevention activities" to include coordination and cooperation with the federal government.	✓	✓		
AB 1059 <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.	✓	✓		
AB 1071 <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.	✓	✓		
AB 1080 <i>Assemblyman Jay Obernolte (R)</i> Proposes to address reuse of military bases. Defines the term "enforceable obligation."	✓			
AB 1098 <i>Assemblyman Richard Bloom (D)</i> Proposes to address transportation planning. Revises requirements associated with congestion management programs and regional transportation plans.	✓			
AB 1169 <i>Assemblyman Jimmy Gomez (D)</i> Proposes to address project funding from the Strategic Growth Council. Changes how funding is reported.	✓	✓		
AJR 11 <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.	✓	✓		
SB 111 <i>Senator Jean Fuller (R)</i> Proposes to address military school funding. Makes appropriations for construction.	✓	✓		
SB 121 <i>Senator Jean Fuller (R)</i> Proposes to address military school funding and federal school construction grants.	✓			
SB 140 <i>Senator Mark Leno (D)</i> Proposes to prohibit the sale of tobacco or electronic cigarettes to minors.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 170 <i>Senator Ted Gaines (R)</i> Proposes to address unmanned aerial vehicles (UAVs). Imposes fines and provides for criminal penalties for violations.	✓			
SB 262 <i>Senator Cathleen Galgiani (D)</i> Proposes to authorize law enforcement use of UAVs.	✓			
SB 271 <i>Senator Ted Gaines (R)</i> Proposes to prohibit UAVs in certain areas.	✓	✓		
SB 486 <i>Senator Mike McGuire (D)</i> Proposes to address telecommunications companies and 911 services.	✓			
SB 506 <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.	✓			
WASTE				
AB 190 <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.	✓			
AB 191 <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law that establishes per bag fees for businesses providing recycled paper bags.	✓			
AB 263 <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.	✓			
AB 273 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address oversight and fees associated with corrective action under hazardous waste laws.	✓	✓		
AB 276 <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to revise the definition of "trade secret" to include information related to a person's ability to pay for or to perform a response action under hazardous waste laws.	✓	✓		
AB 385 <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.	✓	✓		
AB 628 <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.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 864 <i>Assemblyman Das Williams (D)</i> Propose to require the Department of Resources Recycling and Recovery to issue temporary solid waste facility permits.	✓	✓		
AB 901 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to amend reporting requirements for recycling and composting operations.	✓	✓		
AB 997 <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.	✓			
AB 1045 <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.	✓	✓		
AB 1063 <i>Assemblyman Das Williams (D)</i> Proposes to increase the maximum fee paid by a solid waste facility operator to the state.	✓	✓		
AB 1075 <i>Assemblyman Luis Alejo (D)</i> Proposes to impose penalties for violations of hazardous waste laws. Allows for permit revocation after two violations.	✓	✓		
AB 1159 <i>Assemblyman Richard S. Gordon (D)</i> Proposes to require the Department of Resources Recycling and Recovery to establish a waste tire recycling incentive program to achieve a 75% recycling rate for waste tires by 1 JAN 18.	✓			
AB 1239 <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.	✓	✓		
SB 162 <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.	✓	✓		
SB 225 <i>Senator Bob Wieckowski (D)</i> Proposes to ensure that the expenditure of funds pursuant to the California Tire Recycling Act reflect the California Integrated Waste Management Act's priorities for waste reduction and recycling.	✓	✓		
SB 423 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 489 <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.	✓	✓		
SB 509 <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.	✓			
SB 612 <i>Senator Hannah-Beth Jackson (D)</i> Proposes to expand business plan requirements for business that handle hazardous materials. Adds requirements for maps in the business plan.	✓	✓		
SB 654 <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.	✓			
SB 673 <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.	✓	✓		
SB 732 <i>Senator Richard Pan (D)</i> Proposes to require plastic beverage containers to contain a minimum of 10% post-filled material.	✓	✓		
SB 778 <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.	✓			
WATER				
AB 78 <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.	✓			
AB 92 <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
AB 102 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 149 <i>Assemblyman Rocky Chavez (R)</i> Proposes to change the frequency that urban water suppliers are required to update their urban water management plans.	✓	✓		
AB 152 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to water rights law.	✓			
AB 153 <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			
AB 307 <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.	✓			
AB 308 <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.	✓			
AB 434 <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.	✓	✓		
AB 452 <i>Assemblyman Frank Bigelow (R)</i> Proposes to authorize funding for the Groundwater Regulation Subaccount.	✓			
AB 453 <i>Assemblyman Frank Bigelow (R)</i> Proposes to require local agencies to amend their existing groundwater management plans until they adopt groundwater sustainability plans.	✓	✓		
AB 454 <i>Assemblyman Frank Bigelow (R)</i> Proposes to change the dates by which certain groundwater sustainability plans must be developed.	✓			
AB 455 <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.	✓			
AB 496 <i>Assemblyman Anthony Rendon (D)</i> Proposes to address funding for drinking water for school districts.	✓	✓		
AB 606 <i>Assemblyman Marc Levine (D)</i> Proposes to require the Department of General Services to retrofit state property to reduce water consumption.	✓	✓		
AB 647 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 815 <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.	✓	✓		
AB 935 <i>Assemblyman Rudy Salas (D)</i> Proposes to address how water development grants can be spent.	✓	✓		
AB 936 <i>Assemblyman Rudy Salas (D)</i> Proposes to address eligibility for groundwater monitoring grants.	✓			
AB 937 <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.	✓	✓		
AB 938 <i>Assemblyman Rudy Salas (D)</i> Proposes to address groundwater sustainability. Establishes a groundwater sustainability agency.	✓	✓		
AB 955 <i>Assemblyman Devon Mathis (R)</i> Proposes to provide drought assistance. Authorizes the state to provide temporary water supplies to property owners.	✓			
AB 956 <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.	✓			
AB 1095 <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.	✓	✓		
AB 1139 <i>Assemblywoman Nora Campos (D)</i> Proposes to make nonsubstantive changes to the provision naming the California Water District Law.	✓			
AB 1173 <i>Assemblyman Das Williams (D)</i> Proposes to address professional certification requirements for backflow prevention testers.	✓	✓		
AB 1242 <i>Assemblyman Adam Gray (D)</i> Proposes to address groundwater sustainability. Requires the state to evaluate mitigation measures to avoid adverse impacts on groundwater quality or supply.	✓	✓		
AB 1243 <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 1362 <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.	✓			
AB 1376 <i>Assemblyman Henry T. Perea (D)</i> Proposes to make an appropriation to fund drought-related drinking water projects.	✓			
AB 1390 <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.	✓	✓		
AB 1420 <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.	✓	✓		
AB 1454 <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.	✓			
AB 1463 <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.	✓	✓		
AB 1490 <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.	✓			
AB 1531 <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.	✓	✓		
SB 76 <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.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 127 <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.	✓			
SB 143 <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.	✓			
SB 144 <i>Senator Richard Pan (D)</i> Proposes to modify the Natomas Basin flood protection project. Adopts a report.	✓	✓		
SB 173 <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.	✓			
SB 208 <i>Senator Ricardo Lara (D)</i> Proposes to address integrated regional water management plans. Addresses funding and grant expenditures.	✓	✓		
SB 226 <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.	✓	✓		
SB 228 <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.	✓			
SB 385 <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.	✓	✓		
SB 487 <i>Senator Jim Nielsen (R)</i> Proposes to exempt plans developed under the Sustainable Groundwater Act from certain California Environmental Quality Act requirements.	✓			
SB 551 <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.	✓	✓		
SB 552 <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.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 555 <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.	✓	✓		
SB 568 <i>Senator Jean Fuller (R)</i> Proposes to enact legislation relating to the Groundwater Sustainability Act.	✓			
SB 615 <i>Senator Tom Berryhill (R)</i> Proposes to require state water boards to waive certain reporting and other requirements for managed wetlands.	✓			



LEGISLATIVE DEVELOPMENTS

The [2015 Hawaii legislative session](#) began 21 JAN 15 and adjourned 6 MAY 15. An * indicates the first time a bill appears in the 2015 Review.

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
SB 500 <i>Senator Laura Thielen (D)</i> Proposes to require major infrastructure projects to consider the effects of projected sea level rise over the anticipated lifespan of the project.	✓			Carry over to 2016 session
ENERGY				
HB 623 <i>Representative Chris Kalani Lee (D)</i> Proposes to increase renewable energy generation in the state. Increases the renewable energy portfolio standard. Establishes standards and requirements for large self-generators of renewable energy. Requires large self-generators to achieve 100% renewable energy generation by 2040. Companion bill is SB 715.	✓	✓	✓	Enacted
HB 892 <i>Representative Joseph Souki (D)</i> Proposes to impose new taxes on petroleum and change the allocation of existing taxes. Allocates more funds to energy and food sustainability efforts and less to the general fund. Companion bill is SB 1061.	✓			Carry over to 2016 session
SB 715 <i>Senator Mike Gabbard (D)</i> Proposes to increase renewable energy generation in the state. Increases the renewable energy portfolio standard. Establishes standards and requirements for large self-generators of renewable energy. Requires large self-generators to achieve 100% renewable energy generation by 2040. Companion bill is HB 623.	✓	✓		Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 1061 <i>Senator Donna Mercado Kim (D)</i> Proposes to impose new taxes on petroleum and change the allocation of existing taxes. Allocates more funds to energy and food sustainability efforts and less to the general fund. Companion bill is HB 892.	✓			Carry over to 2016 session
LAND USE				
HB 1430 <i>Representative Jo Jordan (D)</i> Proposes to establish the Makua Valley Reserve Commission to oversee control and management of Makua Valley. Requires the Department of Land and Natural Resources to implement controls and permitted uses for the Valley and provide administrative support to the commission.	✓			Carry over to 2016 session
NATURAL RESOURCES				
HB 5 <i>Representative Cynthia Thielen (R)</i> Proposes to require the environmental council to adopt rules that require all environmental impact statements and environmental assessments include climate change analysis.	✓			Carry over to 2016 session
HB 7 <i>Representative Cynthia Thielen (R)</i> Proposes to address private residences and the Hawaii register of historic places. Exempts private residences not on the Hawaii register of historic places from designation as a historic property in order to exempt those properties from state historic preservation review in connection with project permit or land use applications.	✓			Carry over to 2016 session
HB 465 <i>Representative Scott K. Saiki (D)</i> Proposes to address historic preservation. Requires the Department of Land and Natural Resources to identify the types of projects that have no potential to affect a historic property and the types of properties likely to be eligible for inclusion in the Hawaii register of historic places. Requires the department to develop a plan for completing a comprehensive inventory of historic buildings. Companion bill is SB 877.	✓			Carry over to 2016 session
HB 469 <i>Representative Gene Ward (R)</i> Proposes to streamline the Historic Preservation Act to increase efficiency, reduce confusion, and adhere to the spirit of the law. Companion bill is SB 956.	✓			Carry over to 2016 session
HB 611 <i>Representative Cindy Evans (D)</i> Proposes to appropriate funds to digitize historic preservation records and positions in the State Historic Preservation Division.	✓	✓	✓	Carry over to 2016 session
HB 647 <i>Representative Calvin K.Y. Say (D)</i> Proposes to protect native sandalwood trees. Prohibits destruction or harvesting of sandalwood trees. Bans export of raw sandalwood timber. Requires the state to establish policies.	✓			Carry over to 2016 session
HB 750 <i>Representative Gregg Takayama (D)</i> Proposes to protect native sandalwood trees. Prohibits destruction or harvesting of sandalwood trees. Bans export of raw sandalwood timber. Establishes penalties.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 877 <i>Senator J. Kalani English (D)</i> Proposes to address historic preservation. Requires the Department of Land and Natural Resources to identify the types of projects that have no potential to affect a historic property and the types of properties likely to be eligible for inclusion in the Hawaii register of historic places. Requires the department to develop a plan for completing a comprehensive inventory of historic buildings. Companion bill is HB 465.	✓	✓		Carry over to 2016 session
SB 956 <i>Senator Sam Slom (R)</i> Proposes to streamline the Historic Preservation Act to increase efficiency, reduce confusion, and adhere to the spirit of the law. Companion bill is HB 469.	✓			Carry over to 2016 session
OTHER				
HB 693 <i>Representative Kaniela Ing (D)</i> Proposes to require public notification and disclosure of application of restricted use pesticides. Requires reporting for application of restricted use pesticides. Requires the state to post reports online. Establishes buffer zones to limit public exposure and drift onto sensitive areas.	✓			Carry over to 2016 session
HB 1514 <i>Representative Chris Kalani Lee (D)</i> Proposes to require disclosure of outdoor pesticide application near schools, childcare facilities, and agricultural entities. Establishes pesticide buffer zones for sensitive areas. Establishes penalties.	✓			Carry over to 2016 session
HCR 3 <i>Representative Ken Ito (D)</i> Proposes to oppose the U.S. Army's proposed force reduction of Schofield Barracks and Fort Shafter bases. Companion resolution is SCR 3.	✓	✓	✓	Enacted
HCR 196 <i>Representative Andria Tupola (R)</i> Proposes to request the state to convene a drone policy task force and recommend a statewide policy for unmanned aircraft that protects privacy and allows the use of unmanned aircraft systems for public and private applications. Companion resolution is HR 133.	✓			Carry over to 2016 session
HCR 219 <i>Representative Chris Kalani Lee (D)</i> Proposes to request the Department of Health establish pesticide buffer zones around sensitive areas and disclosure requirements for entities that use large quantities of restricted use pesticides.	✓			Carry over to 2016 session
HR 133 <i>Representative Andria Tupola (R)</i> Proposes to request the state to convene a drone policy task force and recommend a statewide policy for unmanned aircraft that protects privacy and allows the use of unmanned aircraft systems for public and private applications. Companion resolution is HCR 196.	✓			Carry over to 2016 session
SB 575 <i>Senator Russell Ruderman (D)</i> Proposes to prohibit the sale of personal care products that contain synthetic plastic microbeads. Establishes the plastic pollution special fund. Requires violators to pay a fine that is deposited into the general fund and the plastic pollution special fund.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 661 <i>Senator Willie C. Espero (D)</i> Proposes to establish the Hawaii unmanned aerial systems test site chief operating officer position to serve on the Pan-Pacific Unmanned Aerial Systems Test Range Complex management team. Establishes an advisory board to oversee and manage unmanned aerial systems test site operations.	✓	✓	✓	To Governor
SB 734 <i>Senator Rosalyn H. Baker (D)</i> Proposes to increase pesticide licensing fees. Addresses use of the pesticide use revolving fund.	✓			Carry over to 2016 session
SB 793 <i>Senator Joshua B Green (D)</i> Proposes to establish mandatory notice, reporting, and use requirements when pesticides are applied outdoors near sensitive areas.	✓			Carry over to 2016 session
SB 797 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session
SB 799 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session
SB 801 <i>Senator Joshua B Green (D)</i> Proposes to establish notice, reporting, and use requirements for any entity or person that uses pesticides under certain circumstances.	✓			Carry over to 2016 session
SB 931 <i>Senator Sam Slom (R)</i> Proposes to change the state legislature from the current two chamber system to a single chamber (unicameral) legislature.	✓			Carry over to 2016 session
SB 1037 <i>Senator Joshua B Green (D)</i> Proposes to establish a mandatory disclosure program for pesticide use by all persons, under certain circumstances.	✓	✓		Carry over to 2016 session
SCR 3 <i>Senator Donovan Dela Cruz (D)</i> Proposes to oppose the U.S. Army's proposed force reduction of Schofield Barracks and Fort Shafter bases. Companion resolution is HCR 3.	✓	✓	✓	Enacted
WASTE				
HB 754 <i>Representative Nicole Lowen (D)</i> Proposes to prohibit establishments from providing food in polystyrene foam containers beginning 1 JAN 16.	✓			Carry over to 2016 session
HB 1245 <i>Representative Sharon E. Har (D)</i> Proposes to establish a pilot program for products that are not easily recycled in Hawaii. Companion bill is SB 180.	✓			Carry over to 2016 session
HCR 143 <i>Representative Feki Pouha (R)</i> Proposes to request the Department of Health to promptly examine all alleged violations in the solid waste recycling industry and to equitably enforce pertinent laws and rules.	✓			Carry over to 2016 session

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 180 <i>Senator Donovan Dela Cruz (D)</i> Proposes to establish a pilot program for products that are not easily recycled in Hawaii. Companion bill is HB 1245.	✓			Carry over to 2016 session
SB 703 <i>Senator Mike Gabbard (D)</i> Proposes to increase the solid waste management surcharge for waste disposal. Establishes a new surcharge for waste at certain waste-to-energy facilities.	✓	✓	✓	Carry over to 2016 session
SB 1325 <i>Senator Maile S.L. Shimabukuro (D)</i> Proposes to require documentation that waste disposal contracts include proof that waste was properly disposed of before payment is made.	✓			Carry over to 2016 session
WATER				
HB 645 <i>Representative Calvin K.Y. Say (D)</i> Proposes to address funding and repair of leaking petroleum underground storage tanks at Red Hill.	✓			Carry over to 2016 session
HB 835 <i>Representative Jarrett Keohokalole (D)</i> Proposes to establish requirements for the Department of Health regarding water quality certification applications.	✓			Carry over to 2016 session
HB 872 <i>Representative Kaniela Ing (D)</i> Proposes to specify that naturally occurring beach sand is not considered a water pollutant if used for beach erosion mitigation and certain related purposes.	✓			Carry over to 2016 session
HB 1325 <i>Representative Joseph Souki (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is SB 1310.	✓	✓	✓	Enacted
SB 540 <i>Senator Gilbert Kahele (D)</i> Proposes to specify time limits for regulatory approval/disapproval of section 401 water quality permit applications.	✓			Carry over to 2016 session
SB 1168 <i>Senator Mike Gabbard (D)</i> Proposes to require field-constructed underground storage tanks to meet the same requirements as other underground storage tanks under Hawaii Administrative Rules, Chapter 11-281.	✓			Carry over to 2016 session
SB 1310 <i>Senator Laura Thielen (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is HB 1325.	✓	✓		Carry over to 2016 session

In addition, the [Guam 33rd legislative session](#) began 12 JAN 15 and adjourns 31 DEC 16.



LEGISLATIVE DEVELOPMENTS

The 2015 Nevada legislative session began 2 FEB 15 and adjourned 1 JUN 15.

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR/CLIMATE CHANGE				
SB 438 <i>Commerce, Labor And Energy Committee</i> Proposes to provide for the development and implementation of a state emissions plan to reduce certain carbon dioxide emissions.	✓			Failed upon adjournment
ENERGY				
AB 32 <i>Taxation Committee</i> Proposes to revise provisions relating to special fuels. Revises taxes, measurements, and recordkeeping.	✓	✓	✓	Enacted
SB 150 <i>Senator Kelvin Atkinson (D)</i> Proposes to create local improvement districts that include an energy efficiency improvement project or a renewable energy project.	✓			Failed upon adjournment
SJR 2 <i>Senator Peter Goicoechea (R)</i> Proposes to urge Congress to share certain funds generated from commercial activity on public lands with the state.	✓	✓	✓	Enacted
LAND USE				
AB 202 <i>Assemblyman Ira Hansen (R)</i> Proposes to authorize a county board of commissioners to enter into real estate transactions with the federal government. Authorizes the State Land Registrar to transfer state owned property to Mineral County.	✓	✓	✓	Enacted
AB 408 <i>Assemblywoman Michele Fiore (R)</i> Proposes to authorize the county sheriff to enter into an agreement with a federal agency concerning primary responsibility or the exercise of law enforcement authority on land managed by a federal agency. Provides that county sheriffs are the primary law enforcement officers in unincorporated counties.	✓			Failed upon adjournment
AB 423 <i>Transportation Committee</i> Proposes to provide for a study on transportation infrastructure and funding.	✓			Failed upon adjournment
SB 456 <i>Transportation Committee</i> Proposes to revise certain provisions concerning the control and preservation of certain accessory roads. Addresses roads that cross certain federal lands.	✓	✓	✓	To Governor
NATURAL RESOURCES				
AB 34 <i>Government Affairs Committee</i> Proposes to repeal provisions governing certain fire protection districts and fire safety.	✓	✓	✓	Enacted

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 163 <i>Assemblyman Ira Hansen (R)</i> Proposes to create rangeland fire protection associations.	✓	✓	✓	Enacted
SB 277 <i>Senator Richard Segerblom (D)</i> Proposes to enact the Nevada Environmental Policy Act. Requires state and local agencies to prepare environmental reports that analyze environmental impacts of agency activity and certain private activity.	✓			Failed upon adjournment
OTHER				
AB 146 <i>Assembly Committee On Transportation</i> Proposes to revise provisions governing motor vehicle licensing.	✓	✓	✓	Enacted
SB 179 <i>Senator David R. Parks (D)</i> Proposes to revise provisions exempting manufacturers of electric vehicles from requirements related to franchising.	✓			Failed upon adjournment
WASTE				
SB 122 <i>Senator Moises Denis (D)</i> Proposes to require a contractor to dispose of certain solid waste produced by construction, demolition, or similar work at certain materials recovery facilities.	✓			Failed upon adjournment
SB 297 <i>Senator Joseph P. Hardy (R)</i> Proposes to revise provisions regarding redevelopment plans. Addresses redevelopment associated with abandoned mines or milling facilities on federal lands.	✓	✓	✓	Enacted
WATER				
AB 415 <i>Natural Resources, Agriculture, And Mining Committee</i> Proposes to revise provisions relating to the use of water in a federal reclamation project. Revises definitions.	✓	✓	✓	Enacted
AB 430 <i>Natural Resources, Agriculture, And Mining Committee</i> Proposes to revise provisions governing channel clearing. Requires the State Engineer to create and maintain a list of proposed maintenance or other projects for a navigable river.	✓			Failed upon adjournment
SB 81 <i>Government Affairs Committee</i> Proposes to revise provisions relating to the management and appropriation of water. Increases management and oversight of groundwater sources and regulates withdrawals.	✓			Failed upon adjournment
SB 89 <i>Natural Resources Committee</i> Proposes to revise provisions regarding expenditures from petroleum cleanup funds.	✓	✓	✓	Enacted
SJR 10 <i>Senator Richard Segerblom (D)</i> Proposes to request the National Research Council of the National Academy of Sciences to conduct an independent scientific and economic analysis of the management of the Colorado River.	✓			Failed upon adjournment

Department of Defense Activity

NEW ARMY DASA SELECTED [Mr. Eugene Collins](#) was selected as Deputy Assistant Secretary of the Army (DASA) for Environment, Safety and Occupational Health (DASA (ESOH)). Mr. Collins joins ESOH from Headquarters, US Air Force, where he served as the Deputy Director of Logistics in the office of the Deputy Chief of Staff for Logistics, Installations and Mission Support. Mr. Collins has a broad background in public service. He served in the Air Force for 26 years and in a variety of other organizations, to include the U.S. Department of Health and the Internal Revenue Service.

INSTRUCTION AND REGULATIONS

ENVIRONMENTAL COMPLIANCE IN THE UNITED STATES DoD reissued Department of Defense Instruction (DoDI) [4715.06](#) (Environmental Compliance in the United States), effective 4 MAY 15. The DoDI establishes policy, assigns responsibilities, and provides procedures for achieving and maintaining environmental compliance in the United States.

HIGH GLOBAL WARMING POTENTIAL HYDROFLUOROCARBONS DoD, the General Services Administration (GSA), and the National Aeronautics and Space Administration (NASA) are proposing to amend the Federal Acquisition Regulation (FAR) to implement executive branch policy in the President's Climate Action Plan to procure alternatives to high global warming potential hydrofluorocarbons when possible ([80 FR 26883](#)). The amendments will allow the agencies to better meet the greenhouse gas (GHG) emission reduction goals and reporting requirements of Executive Order (EO) [13693](#), which subsumes EOs 13423 and 13514. Comments are due 10 JUL 15.

PLANNING DOCUMENTS

ARMY ENERGY SECURITY AND SUSTAINABILITY STRATEGY The U.S. Army published and released its strategic roadmap to future energy security and sustainability. The document complements the Office of the Assistant Secretary of the Army Installations, Energy and Environment Strategy 2025 and the Army Strategy for the Environment by emphasizing energy and including recognition of water and land as equally essential resources. For the first time, the Army is moving toward a perspective that considers the critical role of energy, water, and land resources as mission enablers. The [Energy Security and Sustainability \(ES2\) Strategy](#) outlines five goals, which will be achieved through steady progress across the Army enterprise—materiel, readiness, human capital, services and infrastructure—with targeted measures and metrics as guides. These goals are Inform Decisions, Optimize Use, Assure Access, Build Resiliency, and Drive Innovation. The ES2 Strategy expands on and replaces the 2009 Army Energy Security Implementation Strategy by including operational energy and sustainability while strengthening the focus on resource management for the Army. A press release is available [here](#).

REPORTS

GAO OBSERVATIONS ON ARMY AVIATION RESTRUCTURING The Government Accountability Office (GAO) completed a review of the Army's recently approved Army Aviation Force Restructuring Initiative, a multi-year undertaking that would reduce the size of the Army's aviation force and rebalance its capabilities by removing all AH-64 attack helicopters (Apaches) from the Army National Guard. Upon review of the Army's analyses of two competing aviation force structure proposals, GAO found the analyses enabled the Army to compare the force-structure proposals with respect to their abilities to meet future combat requirements and relative costs. GAO concluded that the Army's analyses had two key limitations:

- The Army's analyses did not evaluate how the proposals would have performed under modified scenarios that varied the rate at which units would deploy into a major combat operation, or the duration of the major

combat operation. Although GAO conceded the analysis enabled Army leaders to credibly assess the proposals, GAO observed that additional sensitivity would have provided Army officials with additional insights.

- The Army's cost estimates were limited as a means of projecting actual costs and potential cost savings because they do not capture all the costs associated with unit conversion. GAO observed that if additional requirements are not addressed, the Army may be delayed in restoring unit readiness once the restructuring is completed.

To view report highlights, [click here](#). To view the entire 14-page report, [click here](#).

NAVAL BASE CORONADO EPA released [comments](#) to the [Final Environmental Impact Statement](#) (EIS) for the Naval Base Coronado Coastal Campus. The final EIS concluded there is a potential for inundation of the southern portion of the site under sea level rise after 2050. EPA encourages the Navy to consider whether any protective design features could be incorporated into the proposed project at this time that could reduce the potential need for coastal armoring in the future.

YUMA PROVING GROUND EPA released [comments](#) to the U.S. Marine Corps (USMC) [Final Programmatic EIS](#) (PEIS) for Yuma Proving Ground Activities and Operations. The agency is satisfied with the additional information provided in response to the draft PEIS and recommends commitments for mitigation, monitoring, and similar activities be incorporated in the Record of Decision.

Federal Activity

Want to comment on something in the Review? Contact [Mark Mahoney](#), Region 9 Environmental Coordinator at (303) 844-0956.

AIR

BACKUP GENERATOR EMISSIONS The U.S. Court of Appeals, District of Columbia Circuit [ruled](#) that EPA acted arbitrarily and capriciously when it modified NESHAP and performance standards to allow backup generators to operate without emissions controls for up to 100 hours per year as part of an emergency demand-response program. The court reversed EPA's 100-hour exemption for emergency engines under 40 CFR 63.6640(f)(2), 60.4211(f)(2), and 60.4243(d)(2) and remanded them to EPA for further action. The opinion was issued 1 MAY 15.

NSPS ELECTRONIC REPORTING EPA extended the public comment period for its proposed Electronic Reporting and Recordkeeping Requirements for NSPS to 18 JUN 15 ([80 FR 28571](#)). For more information, contact Gerri Garwood at (919) 541-2406.

ECHO NOW INCLUDES CLEAN AIR ACT VIOLATION AND ENFORCEMENT DATA EPA released [ECHO Version 2.4](#), featuring updated Clean Air Act (CAA) stationary source data and a tailored search interface. ECHO provides information about environmental inspections, violations, and enforcement actions for EPA-regulated facilities such as power plants, factories, and federal facilities. The information in ECHO is updated weekly.

GHG TAILORING RULE EPA is amending federal Prevention of Significant Deterioration (PSD) program regulations to allow for rescission of certain PSD permits under Step 2 of the PSD and Title V GHG Tailoring Rule ([80 FR 26183](#)). The agency is taking this action in order to provide a mechanism for it and delegated reviewing authorities to rescind PSD permits that are no longer required in light of the U.S. Supreme Court's decision vacating that rule. The decisions

determined that Step 2 of the Tailoring Rule was not required under CAA and vacated the EPA regulations implementing Step 2. The final rule is effective 6 JUL 15 unless the agency received adverse comment by 8 JUN 15.

NO₂ REVIEW EPA is reviewing the primary National Ambient Air Quality Standards (NAAQS) for nitrogen dioxide (NO₂) ([80 FR 27304](#)). The agency is requesting comment on the document titled *Review of the Primary National Ambient Air Quality Standards for Nitrogen Dioxide: Risk and Exposure Assessment Planning Document*. The plan presents considerations and the proposed approach for conducting quantitative analyses of NO₂ exposures or health risks in the current review of the primary NO₂ NAAQS. The document is intended to facilitate Clean Air Scientific Advisory Committee (CASAC) advice and public input in advance of reaching decisions on these quantitative analyses. Comments are due 3 JUL 15. For more information, [click here](#) to visit the NO₂ planning documents website.

WITHDRAWN: AMENDMENTS TO VARIOUS MOBILE SOURCE REGULATIONS EPA withdrew amendments to certain elements of the Tier 3 amendments final rule published 19 FEB 15 because it received adverse comment ([80 FR 26463](#)). The agency intends to consider the comments received and proceed with a new final rule for the withdrawn elements. The remaining elements will go into effect pursuant to the direct final rule. Effective 5 MAY 15, EPA withdrew the amendments to 40 CFR 80.1453, 80.1616, and 80.1621 published on 19 FEB 15 ([80 FR 9078](#)).

ARIZONA SIP EPA is proposing to partially approve and partially disapprove revisions to the Arizona State Implementation Plan (SIP) that address the 2008 lead and 2008 ozone NAAQS ([80 FR 27127](#)). Comments are due 11 JUN 15.

CALIFORNIA GHG REDUCTION TARGETS California Governor Jerry Brown issued [EO B-30-15](#) establishing an interim statewide GHG emission reduction target for California. The EO set a target of reducing GHG emissions to 40% below 1990 levels by 2030. The order contains additional provisions addressing infrastructure planning and investment decisions to take current and future climate change impacts into account.

CALIFORNIA: SPARK IGNITION MARINE ENGINE AND BOAT REGULATIONS EPA is granting the California Air Resources Board's (CARB's) request for authorization of California's amendments to its [Spark Ignition Marine Engine and Boat regulations](#) ([80 FR 26032](#)). EPA's decision also confirms that some 2008 amendments are within the scope of prior EPA authorizations. The 2008 amendments apply to spark ignition marine outboard motors, personal watercraft, and stern drive and inboard engines subject to California emissions regulations.

CALIFORNIA: SMALL OFF-ROAD ENGINES EPA is confirming that CARB's 2008 amendments to its [Small Off-Road Engines](#) (SORE) regulation are within the scope of previous EPA authorizations ([80 FR 26041](#)). The 2008 amendments modify provisions through which manufacturers may generate and use emission credits to comply with SORE emission standards and establish an ethanol blend certification fuel option. CARB's SORE regulations apply to all small off-road engines rated at or below 19 kilowatts (kW) (25 horsepower (hp)).

CALIFORNIA: NONROAD ENGINE POLLUTION CONTROL STANDARDS EPA is granting CARB's request for authorization of amendments to its [mobile cargo handling equipment](#) at ports and intermodal rail yards regulations, referred to as the CHE amendments ([80 FR 26249](#)). EPA is also confirming that certain CHE amendments are within the scope of prior EPA authorizations. CARB's mobile cargo handling equipment at ports and intermodal rail yard regulations apply to all newly purchased, leased, or rented on- and off-road vehicles and equipment, as well as in-use on- and off-road vehicles and equipment, with compression-ignition engines that operate at ports and intermodal rail yards.

CALIFORNIA SIP: SOUTH COAST EPA approved revisions to the South Coast Air Quality Management District portion of the California SIP ([80 FR 24821](#)). The agency approved [local rule 1325](#) (Federal PM_{2.5} New Source Review Program). Rule 1325 governs permits for major stationary sources and major modifications located in areas designated as nonattainment for the PM_{2.5} NAAQS to meet CAA Part D requirements for emissions of PM_{2.5} and PM_{2.5} precursors. The final rule was effective 1 JUN 15.

NEVADA SIP EPA is proposing to partially approve and partially disapprove revisions to Nevada's Infrastructure SIP ([80 FR 28893](#)). The agency is approving revisions addressing the 2008 ozone, 2010 NO₂, and 2010 sulfur dioxide (SO₂) NAAQS. EPA is also proposing to reclassify certain regions of the state for SO₂ emergency episode planning and remove obsolete language from the Nevada SIP. Comments are due 19 JUN 15.

CLIMATE CHANGE

CLIMATE CHANGE ADAPTATION In October 2011, the Interagency Climate Change Adaptation Task Force published the "National Action Plan: Priorities for Managing Freshwater Resources in a Changing Climate." The National Action Plan was developed by the Water Resources and Climate Change Adaptation Workgroup made up of federal agencies with responsibilities for water management. This [recent report](#) highlights progress made in 2014 implementing the plan and describes the specific tasks that federal agencies are planning to undertake in 2015. The work described in this report reflects a comprehensive, coordinated, and continuing effort by federal agencies to respond to the challenges for water resources management posed by climate change.

COMMUNITY RESILIENCE PLANNING The National Institute of Standards and Technology (NIST) [released](#) a draft guide to help communities plan for windstorms, floods, earthquakes, sea-level rise, industrial mishaps, and other hazards ([80 FR 23256](#)). The draft guide consists of two volumes. The first provides an overview of community resilience and summarizes six steps involved in developing and implementing a resilience plan. It also provides an example of how a fictional community uses the framework to plan and guide resilience efforts. The second volume serves as a detailed resource to support the six steps. It includes sections on characterization of social and economic functions, buildings, transportation, energy, communication, water and wastewater and community resilience metrics. Comments are due 26 JUN 15.

ENERGY

RENEWABLE FUEL STANDARD EPA is [proposing](#) to adjust the amount of renewable fuels required under the Renewable Fuel Standard (RFS) for program years 2014-2016. The proposed rule would lower the amounts of cellulosic biofuel, biomass-based diesel, advanced biofuel, and total renewable fuel for gasoline and diesel fuel produced or imported in years 2014 through 2016. The agency is also proposing to adjust (lower) the amount of biomass-based diesel required in 2017. Although the agency is proposing a lower amount of renewable fuels than originally established in the RFS, the proposed amounts would result in renewable fuel use above historic levels. The agency is taking this action because it believes the original standards cannot be achieved. A public hearing is scheduled for 25 JUN 15. Comments are due 27 JUL 15. The RFS website is available [here](#) and a fact sheet is available [here](#).

ENERGY EFFICIENCY IMPROVEMENT ACT OF 2015 Signed by President Obama on 30 April 2015, this [act](#) mandates the GSA Administrator develop model commercial leasing provisions and best practices to promote energy efficiency and water efficiency in federal and other buildings. This act also amends the [Energy Independence and Security Act of 2007](#).

ESPC FOR SMALL PROJECTS The Federal Energy Management Program's (FEMP's) Energy Savings Performance Contract (ESPC) [ENABLE program](#) provides a standardized and streamlined process for small federal facilities to install targeted energy conservation measures (ECMs) in six months or less. Through the program, smaller federal facilities have the opportunity to upgrade their old equipment, contribute to a number of sustainability initiatives, and enhance their ability to fulfill their stated mission. In May 2015, the Air Force [announced](#) it had awarded the first contract under ESPC ENABLE in the DoD. The project involves an upgrade of exterior lighting at Laughlin Air Force Base in Texas. For more information, [click here](#) to view a sheet or visit the [ESPC Enable](#) website.

REPORT: ENABLING WIND POWER NATIONWIDE The Department of Energy (DOE) released a report titled [Enabling Wind Power Nationwide](#). The report describes the current state of wind technology and transportation considerations and details future technology pathways for technical innovation in towers, rotors, drivetrains, and component transport and installation. The report also analyzes and quantifies the geographic expansion that could be enabled by

accessing higher above ground heights for wind turbines and considers the means by which this new potential could be responsibly developed. According to the report, market trends and technological innovations are increasingly unlocking cost-effective wind in regions with more moderate wind resources. Based on an advanced turbine concept and assuming hub heights of 110 meters (m), the technical potential for wind deployment is estimated to grow to 4.3 million square kilometers (km²), a 54% increase compared to current technology. By pursuing hub heights of 140 m, the technical potential for wind deployment is estimated to grow to 4.6 million km², a 67% increase compared to current technology.

WAVE ENERGY COMPETITION DOE launched a Wave Energy Prize competition designed to achieve performance enhancements to wave energy conversion devices, establishing a pathway to significant cost reductions on a commercial scale ([80 FR 25286](#)). The competition consists of three phases—design, build, and test and evaluation. Winners will be announced by the end of 2016. For more information, visit waveenergyprize.org.

GUAM SOLAR PROJECT The Navy released a draft environmental assessment (EA) about [its proposal](#) to lease nearly 200 acres to the Guam Power Authority to install photovoltaic solar panels capable of generating up to 43.8 megawatts of power. The Commander, Joint Region Marianas is proposing to provide a 37-year lease to the power authority of four sites in Northern Guam and four sites at Naval Base Guam. The energy generated by the solar arrays would feed into the utility's electric grid for public and military use. To view the draft EA, [click here](#).

NATURAL RESOURCES

INTEGRATED RANGELAND FIRE MANAGEMENT STRATEGY TO PROTECT SAGE-GROUSE The Department of Interior (DOI) [released](#) a strategy to address the increasing threat of wildfires that are damaging vital sagebrush landscapes and productive rangelands in the West. Given the scope and magnitude of the challenges of a landscape that crosses 11 western states and two Canadian Provinces, the strategy relies on the [Fire and Invasive Assessment Tool \(FIAT\)](#) to identify and prioritize important sage-steppe and greater sage-grouse habitat and calls for greater use of effective adaptive management to ensure that design practices and implementation strategies reflect both emerging scientific findings and knowledge gained from past actions. The strategy builds on wildland fire prevention, suppression and restoration efforts to date, including the 2014 [National Cohesive Wildland Fire Management Strategy](#) and is the final report called for in [Secretarial Order 3336](#). Efforts to conserve and protect sagebrush habitat are the centerpiece of an historic effort to address threats to greater sage-grouse prior to FWS's court-ordered 2015 deadline for determining whether the bird warrants Endangered Species Act (ESA) protection. [Click here](#) to read more about the greater sage-grouse and work to conserve sagebrush landscape.

ROCKY MOUNTAIN REGION GREATER SAGE-GROUSE LAND USE PLAN AMENDMENTS AND FINAL EISs Through two separate announcements, the Bureau of Land Management (BLM) and U.S. Forest Service (USFS) released proposed Land Use Plan Amendments (LUPA) and final Environmental Impact Statements (EISs) for the Rocky Mountain Region greater sage-grouse ([80 FR 30703](#)) and the Great Basin Region greater sage-grouse ([80 FR 30711](#)). The Rocky Mountain Region greater sage-grouse LUPA and EISs cover planning units in Wyoming, Lewistown (Montana), Northwest Colorado, and North Dakota, while the Great Basin Region greater sage-grouse LUPA and EIS cover planning units in Idaho, Southwestern Montana, Nevada, Northeastern California, Oregon, and Utah. Four final EISs are being conducted in the Rocky Mountain Region and four in the Great Basin Region.

The planning effort focuses on the remaining habitat of the greater sage-grouse on BLM and USFS lands. The EISs focus on conserving priority habitat areas that have been identified as having the highest value to maintaining the species and its habitat. Within priority habitat, specific areas have been identified as sagebrush focal areas. Sagebrush focal areas are important landscape blocks with high breeding population densities of sage-grouse and existing high quality sagebrush. The EISs 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: The plans seek to reduce habitat fragmentation and protect intact habitat by implementing surface disturbance caps on development, minimizing surface occupancy from energy development, and identifying buffer distances around leks—areas critical to the sage-grouse life-cycle.
- Improve habitat condition: Where there are unavoidable impacts to habitat from development, the plans will require mitigation efforts to enhance and improve sage-grouse habitat.
- Reduce threat of rangeland fire: Rangeland fire can lead to the conversion of previously healthy sagebrush habitat into non-native, cheatgrass-dominated landscapes. The plans seek to fight the spread of cheatgrass and other invasive species, position wildland fire management resources for more effective rangeland fire response, and accelerate the restoration of fire-impacted landscapes to native grasses and sagebrush.

Comments are due 29 JUN 15. For more information, visit BLMs [sage-grouse and sagebrush conservation website](#), [click here](#) to view a press release, or [click here](#) to view a fact sheet.

NATIONAL STRATEGY FOR HONEY BEES AND MONARCH BUTTERFLIES The White House Pollinator Health Task Force released a *National Strategy to Promote the Health of Honey Bees and Other Pollinators* in May 2015. The strategy outlines a comprehensive approach to tackling and reducing the impact of multiple stressors on pollinator health, including pests and pathogens, reduced habitat, lack of nutritional resources, and exposure to pesticides. It lays out current and planned federal actions to achieve these overarching goals:

- Honey Bees: Reduce honey bee colony losses during winter to no more than 15% within 10 years.
- Monarch Butterflies: Increase the eastern population of the monarch butterfly to 225 million butterflies occupying an area of approximately 15 acres in overwintering grounds in Mexico by 2020 through domestic/international actions and public/private partnerships by 2020.
- Pollinator Habitat Acreage: Restore or enhance seven million acres of land for pollinators over the next five years through federal actions and public/private partnerships.

NOISE

FAA POLICY The Federal Aviation Administration (FAA) posted a policy statement regarding the required use of its [Aviation Environmental Design Tool version 2b \(AEDT 2b\)](#) to analyze noise, fuel burn, and emissions for FAA actions under the National Environmental Policy Act (NEPA) ([80 FR 27853](#)). AEDT 2b, a comprehensive software tool that provides information to FAA stakeholders on specific environmental impacts, facilitates environmental review activities required under NEPA by consolidating the modeling of these environmental impacts in a single tool. The policy was effective 29 MAY 15.

PESTICIDES

PESTICIDES DASHBOARD The [Pesticides Dashboard](#) will initially present three years of compliance and enforcement activity data on the regulated universe of pesticide-producing establishments, thus making Federal Insecticide, Fungicide, and Rodenticide Act compliance information available to anyone with Internet access. Future screens will focus on compliance with worker protection standards. On the dashboard, the public can view and download information about the number of pesticide-producing establishments, inspections, and the government response to these violations during the three most recent years. Data is presented for states, tribes, EPA regions, and the nation as a whole.

THREATENED AND ENDANGERED SPECIES

PETITIONS FOR THREATENED AND ENDANGERED SPECIES FWS and the National Marine Fisheries Service (NMFS) are proposing to revise their regulations governing petitions for threatened and endangered species conservation ([80 FR 29286](#)). The revisions would clarify and enhance the procedures by which the services will evaluate petitions under

ESA Section 4(b)(3). The proposed changes are also intended to streamline the processes by which the services process petitions. Comments are due 20 JUL 15.

WASTE

POST-CLOSURE CARE EPA is seeking comment on the draft memorandum, [Guidelines for Evaluating and Adjusting the Post-Closure Care Period for Hazardous Waste Disposal Facilities under Subtitle C of the Resource Conservation and Recovery Act \(RCRA\)](#). The guidelines assist regulators in evaluating the post-closure care period for hazardous waste disposal facilities subject to RCRA-C, and determining whether that length of time should be adjusted. The draft guidance also provides information to assist facility owners and operators in preparing documentation to support a decision to adjust the post-closure care period. Once finalized, the guidance will lend greater transparency and efficiency to the decision making process. EPA specifically requests comments from operating treatment storage and disposals facilities, permit writers, trade associations, and environmental groups. Comments are due 30 JUN 15.

WATER

DISCHARGE MONITORING REPORT POLLUTANT LOADING TOOL EPA's [Discharge Monitoring Report \(DMR\) Pollutant Loading Tool](#) has a new search feature that identifies instances when industrial facilities and sewage treatment plants discharge wastewater pollution in exceedance of their CWA permit effluent limits. The tool calculates pollutant loadings from permit and DMR data from EPA's Integrated Compliance Information System for the National Pollutant Discharge Elimination System (ICIS-NPDES). Data are available from the year 2007 to the present. Pollutant loadings are presented as pounds per year and as toxic-weighted pounds per year to account for variations in toxicity among pollutants.

Professional Development

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

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

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

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

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

FEDERAL TRAINING SOURCES

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

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

FedCenter also provides member assistance services such as:

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

ONLINE TRAINING: SCHEDULED EVENTS

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

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

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

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

ENERGY STAR WEBCASTS. Among the offerings:

- [Portfolio Manager 101](#) – This webcast demonstrates the core functionality of EPA's Energy Star Portfolio Manager tool. Attendees will learn to navigate the Portfolio Manager, add a property and enter details, enter energy and water consumption data, share properties, generate performance reports to assess progress, and respond to data requests.
- [Portfolio Manager 201](#) – This webcast will explore advanced functionalities of EPA's Energy Star Portfolio Manager tool, including managing and tracking changes to property uses over time; using spreadsheet templates to update property data; setting goals and targets to plan energy improvements for properties; generating and using custom reports; and using the Sustainable Buildings Checklist.

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

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

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

ITRC INTERNET BASED TRAINING The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers training courses to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. Visit the site often to view upcoming internet-based training events.

***24 JUN, ONLINE: ENERGY MANAGEMENT BASIC TRAINING- TOOLS AND RESOURCES FOR RESULTS** This course will provide civilian and military personnel with a concise overview of federal energy management, and the most current tools and resources for success. The instructors for this seminar will be Randall Smidt, Army Program Manager for Alternative Financing, and Thomas B. Delaney, Jr., PE, Army Energy Conservation Investment Program Manager. Both instructors serve within the Army's Facilities Policy Division of the Office of the Assistant Chief of Staff for Installation Management.

ONLINE TRAINING: AVAILABLE ANYTIME

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

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

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

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

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

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

BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES This comprehensive water management training provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Learners will develop skills in increasing water efficiency and reducing water use through sound operations and maintenance practices and water-efficient technologies. Several methods for meeting needs for non-potable water through alternate water sources, such as rainwater harvesting,

reclaimed wastewater, and gray water are discussed. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

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

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

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

AVERT TUTORIAL This training provides an overview of EPA's Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy (EE/RE) programs to displace electricity system-related SO₂, NO_x, and CO₂ emissions in the continental United States. The tool can be used to evaluate county, state and regional level emissions displaced by energy efficiency and renewable energy programs without the need for specialized resources or electricity system expertise.

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

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

- Module 1: Understanding TMDLs: A Primer for NPDES Permit Writers
- Module 2: Understanding Waste Load Allocation Implementation in Permits: A Primer for TMDL Developers
- Module 3: Understanding TMDLs with Stormwater Sources and the NPDES Stormwater Permitting Process

CLASSROOM/INTERNET TRAINING SOURCES

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

***19-20 AUG, JOINT BASE PEARL HARBOR-HICKAM DoD Native Hawaiian Cultural Communication and Consultation Course** This free course provides valuable information for DoD employees in Hawaii whose work may have an effect on Native Hawaiians and for those already working with Native Hawaiians and Native Hawaiian Organizations. For more information or to register, please email Mr. Chris Allen at william.c.allen240.ctr@mail.mil, before 31 JUL 15.

***29 JUN-1 JUL, CALIFORNIA WATER SUMMIT** The second [California Water Summit](#) will be held 29 JUN-1 JUL 15 in Sacramento, California. The summit will address the regulatory initiatives affecting state water infrastructure development and incentives planned for 2015 and beyond. Hear from California state and local government officials as they discuss the progress being made by their respective agencies to increase regulatory incentives to battle the drought affecting the state.

* Indicates the first time a training or career development opportunity appears in the Review.

How the Regional Offices Work for You

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

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

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

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

Staff Directory

Mark Mahoney

Director /DoD REC Region 8
Army Coordinator Region 9
(303) 844-0956
mark.a.mahoney2@usace.army.mil

Kevin Ward

Regional Counsel
(303) 844-0955
kevin.m.ward2@usace.army.mil

Julia Miller

Region 8 Program Coordinator
(Marstel-Day, LLC)
(303) 844-0952
julia.c.miller2@usace.army.mil

Park Haney

Army Coordinator Region 10 and Hawaii
(303) 844-0957
reed.p.haney2@usace.army.mil

Nancy Reese

Regulatory Affairs Specialist
(Marstel-Day, LLC)
(303) 844-0954
nancy.l.reese2@usace.army.mil

Adriane Miller

Project Manager
(Plexus Scientific Corporation)
(410) 278-6137
adriane.b.miller2.@usace.army.mil

Additional Multi-Service Contacts

RADM Patrick Lorge

Navy DoD REC Region 9
(619) 532-2925

Michael Huber

Navy/DoD REC POC Region 9
(619) 532-2303
Michael.huber@navy.mil

Steve Arenson

Air Force REC Region 9
(415) 977-8843
steven.arenson@brooks.af.mil

Mike Hamilton

USMC REC POC Region 9
(760) 725-2635
charles.hamilton@USMC.mil

Acronyms

AAQS	ambient air quality standards
ACHP	Advisory Council on Historic Preservation
ACUB	Army Compatible Use Buffer
ADEQ	Arizona Department of Environmental Quality
ADWR	Arizona Department of Water Resources
AFB	Air Force Base
AGRRC	Arizona Governor's Regulatory Review Council
AQIP	Air Quality Improvement Program
ARNG	Army National Guard
ASTM	American Standard Test Method
ATSDR	Agency for Toxic Substances and Disease Registry
BACM	best available control measure
BACT	best available control technology
BART	best available retro-fit technology
BLM	Bureau of Land Management
BTU	British thermal unit
CAA	Clean Air Act
CAFE	corporate average fuel economy
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CATEX	categorical exclusion
CBAR	California Bureau of Automotive Repair
CDC	California Department of Conservation
CDFW	California Department of Fish and Wildlife
CDPH	California Department of Public Health
CDPR	California Department of Pesticide Regulation
CDTSC	California Department of Toxic Substances Control
CDWR	California Department of Water Resources
CEC	California Energy Commission
CEQ	Council on Environmental Quality
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CH ₄	methane
CNOR	candidate notice of review
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
COAL	California Office of Administrative Law
COEHHA	California Office of Environmental Health Hazard Assessment
CPUC	California Public Utilities Commission
CrVI	hexavalent chromium
CSWRCB	California State Water Resources Control Board
CVC	California Vehicle Code
CWA	Clean Water Act
DA	Department of Agriculture
DO	dissolved oxygen
DoD	Department of Defense
DOE	Department of Energy
DOI	Department of Interior
DOT	Department of Transportation
DSM	demand side management
DPS	distinct population segment
EA	environmental assessment
ECA	emission control area
ECF	emission comparable fuel

EIS	environmental impact statement
EPA	Environmental Protection Agency
EO	Executive Order
ESA	Endangered Species Act of 1973
ESTCP	Environmental Security Technology Certification Program
FERC	Federal Energy Regulatory Commission
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FONSI	finding of no significant impact
FS	Forest Service
FWS	Fish and Wildlife Service
FY	fiscal year
GAO	Government Accountability Office
GEPA	Guam Environmental Protection Agency
GHG	greenhouse gas
GSA	General Service Administration
HAP	hazardous air pollutant
HAR	Hawaii Administrative Rule
HB	House Bill
HCFC	hydrochlorofluorocarbon
HCWRM	Hawaii Commission on Water Resource Management
HDA	Hawaii Department of Agriculture
HDLNR	Hawaii Department of Land and Natural Resources
HDOH	Hawaii Department of Health
HFC	hydrofluorocarbon
HFE	hydrofluorinated ethers
INRMP	integrated natural resource management plan
ISEERB	Interservice Environmental Education Review Board
ITRC	Interstate Technology and Regulatory Council
JLUS	Joint Land Use Study
LBP	lead-based paint
LEED	Leadership in Energy and Environmental Design
LID	low-impact development
MACT	maximum achievable control technology
MADL	maximum allowable dose level
MCL	maximum contaminant level
MCLG	maximum contaminant level goal
MERIT	Materials of Evolving Regulatory Interest Team
MOU	memorandum of understanding
MPA	marine protected area
MS4	municipal separate storm sewer system
MSGP	multi-sector general permit
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCSL	National Conference of State Legislatures
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NEPA	National Environmental Policy Act
NESHAP	National Emission Standards for Hazardous Air Pollutants
NF ₃	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSEC	Nevada State Environmental Commission
NSPS	New Source Performance Standard

NSR	New Source Review
OIE	Office of Energy Initiatives
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM2.5	particulate matter 2.5 microns in diameter or less
PM10	particulate matter 10 microns in diameter or less
POP	persistent organic pollutant
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RACT	reasonably available control technology
RCRA	Resource Conservation and Recovery Act
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SIP	state implementation plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO ₂	sulfur dioxide
SOx	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m ³	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
WCI	Western Climate Initiative
WGA	Western Governors' Association
WRAP	Western Regional Air Partnership

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

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

To be added to the Region 9 *Western Review* distribution list, email [Nancy Reese](#).