



U.S. ARMY

# Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

April 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](#).



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### Planning for Sustainability in the Next Decade

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

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

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

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

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

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

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

# Region 9

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



## *AIR*

**STAGE II VAPOR RECOVERY** The Arizona Department of Weights and Measures [is proposing](#) revisions to state rules governing stage II vapor recovery at gasoline dispensing facilities. The proposed rule implements [House Bill \(HB\) 2128 \(2014\)](#), which requires that gasoline dispensing sites decommission stage II vapor recovery equipment beginning 1 OCT 16. The rulemaking seeks to establish standards for decommissioning the equipment. A state implementation plan (SIP) revision requiring removal of stage II equipment has been submitted to the Environmental Protection Agency (EPA) for approval. When approved, the requirements in the SIP become federally enforceable. For more information, contact [Michelle Wilson](#) at (602) 771-4933.

## *ENERGY*

**RENEWABLE ENERGY CREDITS** The Arizona Corporation Commission [adopted](#) clarifications and updates on how the commission deals with renewable energy compliance and related renewable energy credits. The amendments address the issue of utility compliance in the distributed energy market in a post-incentive era. The rulemaking will clarify how utilities that are no longer offering distributed energy incentives can demonstrate compliance with the 2006 Renewable Energy Standard and Tariff (REST) rules. The rulemaking amends R14-2-1805 and R14-2-1812. The final rule is effective 21 APR 15. For more information, contact [Maureen Scott](#) at (602) 542-3402.

## *TOXICS*

**PESTICIDE FEE RULES** The Arizona Office of Pesticide Management [adopted amendments](#) to its 2013 rules governing the commercial use of pesticides. The rule makes the temporary fee rule permanent, reduces license fees established under the rule, and addresses practical issues in the rules that have been uncovered during the initial period of enforcement. The final rule was effective 3 MAR 15. For more information, contact [Jack Peterson](#) at (602) 542-3575.

## *WATER*

**2015 DE MINIMIS GENERAL PERMIT** The Arizona Department of Environmental Quality (ADEQ) [released](#) a [fact sheet](#) and an informal draft of the Arizona Pollution Discharge Elimination System (AZPDES) [De Minimis General Permit \(DMGP\)](#), which expires 26 APR 15. The permit covers discharges from maintenance of potable water systems, well development, aquifer testing, hydrostatic testing of pipelines, subterranean dewatering, condensate from residential evaporative coolers, charitable noncommercial car washes, building exterior and street washwater, and dechlorinated swimming pool drainage. Comments were due 8 APR 15. For more information, contact [Lavinia Wright](#) at (602) 771-4585.

**PINAL COUNTY STORMWATER ORDINANCE** Pinal County [is proposing](#) to adopt a [stormwater management ordinance](#). The ordinance would establish methods for controlling the introduction of pollutants into the county's municipal separate storm sewer system (MS4), as required by the county's Stormwater Quality Management Plan approved by ADEQ. The objectives of the ordinance are to:

- Regulate the contribution of pollutants to the county MS4 from stormwater drainage in unincorporated urbanized areas;
- Prohibit illicit connections and drainages to the county MS4; and
- Establish legal authority to carry out all inspection, surveillance, monitoring, and enforcement procedures necessary to ensure compliance with the ordinance.

For more information, contact [Elise Moore](#) at (520) 866-6638 or [click here](#) to visit the county's stormwater management website.

## LEGISLATIVE DEVELOPMENTS

The [2015 Arizona legislative session](#) began 12 JAN 15 and adjourned 2 APR 15. An \* indicates the first time a bill appears in the 2015 Review.

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<b>AIR / CLIMATE CHANGE</b>				
<a href="#">HB 2657</a> <i>Representative Brenda Barton (R)</i> Proposes to address possible development of a state implementation plan regulating carbon dioxide emissions (CO <sub>2</sub> ) from electric generating units.	✓			Failed upon adjournment
* <a href="#">SB 1007</a> <i>Senator Judy M. Burges (R)</i> Proposes to establish a six-member joint legislative committee to review proposed state rules to reduce CO <sub>2</sub> emissions in accordance with EPA's Green Power Plan.	✓	✓	✓	Enacted
<b>ENERGY</b>				
<a href="#">HB 2412</a> <i>Representative David Stevens (R)</i> Proposes to address renewable energy tax credits. Defines renewable energy tax credit and reduces the amount of credits available.	✓			Failed upon adjournment
<a href="#">HB 2666</a> <i>Representative Andrew Sherwood (D)</i> Proposes to address local programs to improve water and/or energy efficiency for real property.	✓			Failed upon adjournment
<a href="#">SB 1134</a> <i>Senator Steve Smith (R)</i> Proposes to define renewable energy sources.	✓			Failed upon adjournment
<b>LAND USE</b>				
<b>NATURAL RESOURCES</b>				
<a href="#">SB 1386</a> <i>Senator Steve Pierce (R)</i> Proposes to prohibit the import, transport, or release of federally listed threatened or endangered species.	✓			Failed upon adjournment

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
<p><b>SCM 1009</b>  <i>Senator Gail Griffin (R)</i>  Proposes to request that the U.S. Congress exempt military bases and training facilities from regulations and restrictions of the Endangered Species Act.</p>	✓	✓	✓	Enacted
<b>OTHER</b>				
<p><b>*HB 2274</b>  <i>Representative Sonny Borrelli (R)</i>  Proposes to modify the use of funds administered by the Department of Emergency and Military Affairs and the Adjutant General. Transfers the Emergency Response Commission to the Department of Environmental Quality and makes other changes.</p>	✓	✓	✓	To Governor
<p><b>*HB 2465</b>  <i>Representative Juan Mendez (D)</i>  Proposes to prohibit the use or sale of neonicotinoid pesticides.</p>	✓			Failed upon adjournment
<p><b>HB 2575</b>  <i>Representative Sonny Borrelli (R)</i>  Proposes to modify the list of events that qualify for funding due to a declared disaster or emergency. Adds threats to the operation of a military installation to the list of events.</p>	✓			Failed upon adjournment
<p><b>HB 2581</b>  <i>Representative Noel Campbell (R)</i>  Proposes to establish a prescribed burn liability study committee. Establishes committee membership and responsibilities.</p>	✓	✓		Failed upon adjournment
<p><b>*SB 1137</b>  <i>Senator Martin J. Quezada (D)</i>  Proposes to authorize the Governor to declare a disaster in the case of a threat to a military installation.</p>	✓			Failed upon adjournment
<b>WASTE</b>				
<p><b>*SB 1241</b>  <i>Senator Nancy K. Barto (R)</i>  Proposes to prohibit local governments from prohibiting or charging fees for the use of "auxiliary containers" (i.e., reusable or disposable bags or containers). Prohibits a local government from requiring a building owner or operator to measure and report energy usage.</p>	✓	✓	✓	Enacted
<p><b>SB 1408</b>  <i>Senator Steve Farley (D)</i>  Proposes to establish an electronic equipment recovery program. Requires television or computer monitor manufacturers to provide a recycling or recovery program for such equipment.</p>	✓			Failed upon adjournment
<b>WATER</b>				
<p><b>HB 2263</b>  <i>Representative Russell Bowers (R)</i>  Proposes to address emergency groundwater transportation related to the Colorado River.</p>	✓			Failed upon adjournment
<p><b>*HB 2393</b>  <i>Representative Frank Pratt (R)</i>  Proposes to modify the formulas used to determine the amount of water required to be replenished when groundwater is used in a designated area located in the southside protection zone.</p>	✓	✓	✓	Enacted

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
* <a href="#">HB 2510</a> <i>Representative Rusty Bowers (R)</i> Proposes to address transportation of groundwater in active management areas.	✓			Failed upon adjournment
<a href="#">HB 2661</a> <i>Representative Brenda Barton (R)</i> Proposes to address multi-county water conservation districts. Modifies tax levies.	✓	✓	✓	To Governor
<a href="#">HCR 2037</a> <i>Representative Brenda Barton (R)</i> Proposes to limit federal regulation of nonnavigable waters.	✓			Failed upon adjournment
<a href="#">SB 1059</a> <i>Senator Gail Griffin (R)</i> Proposes to address backflow prevention. Requires that installation, maintenance, repair, and replacement of a backflow prevention device that protects potable water from contamination be performed by a licensed contractor.	✓	✓		Failed upon adjournment
* <a href="#">SB 1199</a> <i>Senator Gail Griffin (R)</i> Proposes to address the issuance of permits to withdraw poor quality groundwater.	✓			Failed upon adjournment



## **AIR**

**VAPOR RECOVERY SYSTEMS AT GASOLINE DISPENSING FACILITIES: CERTIFICATION AND TEST PROCEDURES** The California Air Resources Board (CARB) is [proposing](#) amendments to requirements for certification of vapor recovery equipment at gasoline transfer facilities. The rulemaking would amend current vapor recovery certification procedures and adopt a new certification procedure for enhanced conventional nozzles. The amendments are applicable to vapor recovery systems associated with the storage and transfer of gasoline from storage tanks at terminals or bulk plants to tanker trucks, from tanker trucks to storage tanks at gasoline dispensing facilities (GDF), and from GDF tanks to a vehicle's fuel tank during vehicle fueling. The rulemaking would amend Title 17 California Code of Regulations (CCR) Sections 94010, 94011, and 94016 and adopt new Section 94017. Comments are due 20 APR 15. A public hearing is scheduled for 23 APR 15. For more information, contact Scott Bacon at (916) 322-8949 or [click here](#) to visit the rulemaking website.

**VAPOR RECOVERY AT GASOLINE DISPENSING FACILITIES** CARB [adopted](#) final amendments to certification and test procedures for vapor recovery systems at GDF and cargo tanks. The amendments improve two test procedures used by CARB staff during certification of vapor recovery equipment designed for use with aboveground storage tanks and revise the certification procedure and three test procedures for equipment used on cargo tanks to control gasoline vapor emissions. The final rules were effective 1 APR 15. For more information, contact Scott Bacon at (916) 322-8949 or [click here](#) to view the rulemaking website.

**EASTERN KERN: FEES** The Eastern Kern Air Pollution Control District [adopted](#) increases to air quality program fees. The adopted fees will offset costs of processing applications, other day-to-day operations and take into consideration inflation over the past 5 years. The final rule is effective 12 MAR 15. For more information, contact [Jeremiah Cravens](#).

**EASTERN KERN: FUGITIVE DUST** The Eastern Kern Air Pollution Control District [adopted](#) amendments to fugitive dust regulations. Provisions of amended Rule 402 are applicable to outdoor fugitive dust producing activities including handling, storage, and transport of bulk storage piles; off-field agricultural sources; construction, demolition, excavation, extraction, and other earthmoving activities; travel on access roads to and from a job site; and any other anthropogenic condition resulting in wind erosion. The final rule was effective 12 MAR 15. For more information, contact [Jeremiah Cravens](#).

**IMPERIAL COUNTY** The Imperial County Air Pollution Control District [is proposing](#) revisions to [Rule 214](#) (Emission Reduction Credit Banking) and [Rule 215](#) (Community Bank and Priority Reserve). A public workshop was held 1 APR 15. For more information, contact Monica Soucier at (442) 265-1800.

**SAN JOAQUIN VALLEY: FEES** The San Joaquin Valley Air Pollution Control District [is proposing](#) to increase fees associated with the district's air program. The proposed amendments will increase fees to cover the costs of administering these programs. The proposed fee increases will occur in stages: a 4.8% increase effective 1 JUL 15 and a 4.4% increase effective 1 JUL 16. The rulemaking would amend district rules 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3110, 3120, 3135, 3140, 3147, 3150, 3155, 3160, 3180, and 3190. Comments are due 16 APR 15. A [public hearing](#) is scheduled for the same day. For more information, contact [Dave Warner](#) at (559) 230-6000.

**SAN JOAQUIN VALLEY: PM2.5** The San Joaquin Valley Air Pollution Control District [is considering](#) adoption of the proposed 2015 Plan for the 1997 fine particulate matter (PM2.5) Standard. The plan will demonstrate attainment of the 1997 federal PM2.5 standard and satisfy Best Available Control Measure and Most Stringent Measure requirements. Adoption of the plan will affect sources in Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, and Tulare counties. The adopted plan will be submitted to EPA for incorporation as part of the California SIP. A public hearing is scheduled for 16 APR 15. For more information, contact Chelsea Gonzales at (559) 230-6000 or [click here](#) to view documents associated with the rulemaking.

**SANTA BARBARA: GHG EMISSIONS UNDER CEQA** The Santa Barbara Air Pollution Control District [held a public workshop](#) to present two options for setting project significance to address GHG emissions under the California Environmental Quality Act (CEQA). Under the options, new or modified projects with emissions under 10,000 tons of GHGs per year would be deemed less than significant and would not be required to reduce emissions. For more information, contact Molly Pearson at (805) 961-8838.

**SOUTH COAST: ELECTRIC VEHICLE CHARGING** The South Coast Air Quality Management District [is proposing](#) amendments to the Rule 2202 (Employee Commute Reduction Program Guidelines). The amendments include administrative language and document restructuring to provide clarity and guidance to the regulated community. Comments are due 21 APR 15. A public hearing is scheduled for 1 MAY 15. For more information, contact [Lori Berard](#) at (909) 396-2436 or [click here](#) to view the rulemaking website.

**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. Comments are due 21 APR 15. A public hearing is scheduled for 1 MAY 15. For more information, contact [Eugene Kang](#) at (909) 396-3524.

**SOUTH COAST: INCORPORATION BY REFERENCE** The South Coast Air Quality Management District [is proposing](#) to incorporate 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 amends local rules [IX](#) and [X](#). A [public hearing](#) was held 3 APR 15. For more information, contact [Tracy Goss](#) at (909) 396-3106.

**VENTURA COUNTY: FEES** The Ventura County Air Pollution Control District [is proposing](#) to increase permit renewal fee rates in district [Rule 42](#) by 2.5%, effective 1 JUL 15. A [public hearing](#) is scheduled for 14 APR 14. For more information, contact [Tyler Harris](#) at (805) 645-1407 or [click here](#) to view the district's rulemaking website.

## ***CLIMATE CHANGE***

**ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY PROGRAM** The California Energy Commission [adopted an emergency regulation](#) that modifies funding restrictions associated with the Alternative and Renewable Fuel and Vehicle Technology Program. The rulemaking removes the requirement to discount the value of emission credits, allowing participants to receive the full value of any emission credits that funded projects create. The final rule was effective 12 MAR 15. For more information, contact Lisa DeCarlo at (916) 654-5195.

## ***ENERGY***

**APPLIANCE ENERGY EFFICIENCY STANDARDS** The California Energy Commission [is proposing](#) amendments to its Appliance Efficiency Regulations. The amendments affect standards in three areas: water efficiency standards for toilets, urinals, and faucets; energy efficiency standards for dimming ballasts; and labeling standards for replacement air filters in heating and ventilation systems and heat-pump water-chilling packages. Appliance manufacturers are required to certify to the commission that their products meet applicable state efficiency regulations before their products can be sold or offered for sale in California. For more information, contact [Harinder Singh](#) at (916) 654-4091.

**RENEWABLE PORTFOLIO STANDARD** The California Energy Commission [is proposing](#) to modify existing regulations establishing enforcement rules and procedures for the Renewable Portfolio Standard (RPS) for local publicly owned electric utilities. The amendments are intended to clarify rules associated with the implementation of [Senate Bill 591 \(2013\)](#). Comments are due 11 MAY 15. For more information, contact [Angela Gould](#) at (916) 654-4881.

## ***NATURAL RESOURCES***

**NOXIOUS WEEDS** The California Department of Food and Agriculture [adopted](#) amendments that add 22 species of plants to the noxious weed list and provide authority for the state to enforce the restrictions against the additional species. The final rule was effective 1 APR 15. For more information, contact [Lindsay Rains](#) at (916) 654-1017.

## ***OTHER***

**EXPLOSIVES TRANSPORTATION** The California Highway Patrol [is proposing](#) amendments to regulations related to designated routes, required inspection stops, inspection stops, safe stopping places, and safe parking places for the transportation of explosives. Comments are due 13 APR 15. For more information, contact Dr. Tian-Ting Shih at (916) 843-3400 or [click here](#) to view the rulemaking website.

## ***TOXICS***

**RADIOACTIVE MATERIALS** The California Department of Public Health [adopted](#) amendments that align state rules for radioactive material with Nuclear Regulatory Commission (NRC) rules. The final rules were effective 1 APR 15. For more information, contact Phillip Scott at (916) 440-7978.

**FIELD FUMIGATION NOTICES** The California Department of Pesticide Regulation (CDPR) [held a public workshop](#) to develop concepts for field fumigation notifications. CDPR recommends expanding notification to all field fumigations (applications of chloropicrin, 1,3-dichloropropene, methyl bromide, or pesticides that generate methyl isothiocyanate). The department is considering whether public notifications for field fumigation are conducted under emergency preparedness and response requirements or maintained as a separate "right-to-know" requirement. The workshop was held 9 APR 15. For more information, contact [Randy Segawa](#) at (916) 324-4137.

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

**FLAT-TAILED HORNED LIZARD** The California Fish and Game Commission [announced](#) it accepted a petition to list the [flat-tailed horned lizard](#) as an endangered species and has declared the lizard to be a candidate species. The California Department of Fish and Wildlife will submit a written report indicating whether the petitioned action is warranted. For more information, contact Sonke Mastrup at (916) 653-4899.

## ***WATER***

**PHG: PERCHLORATE IN DRINKING WATER** The California Office of Environmental Health Hazard Assessment (COEHHA) [released](#) an updated Public Health Goal (PHG) for perchlorate in drinking water and the final technical support document for the PHG. The updated goal is one part per billion (ppb), from six ppb. PHGs published by OEHHA are considered by the State Water Resources Control Board in setting drinking water standards, commonly referred to as maximum contaminant levels (MCLs). For more information, [click here](#) to view PHG information about perchlorate.

**PROPOSITION 65: BPA** COEHHA [announced](#) that Bisphenol A (BPA) will be considered for possible listing based on female reproductive toxicity. Comments are due 20 APR 15. For more information, contact [Monet Vela](#).

**PROPOSITION 65: STYRENE** COEHHA [announced](#) it intends to list styrene as known to the state to cause cancer under the Safe Drinking Water and Toxic Enforcement Act of 1986. Comments were due 30 MAR 15.

**SPILL RESPONSE PLANNING: CERTIFICATES OF FINANCIAL RESPONSIBILITY** The California Office of Spill Prevention and Response (OSPR) within the Department of Fish and Game [adopted amendments](#) that require owner/operators of vessels and facilities to have adequate financial resources to pay cleanup and damage costs arising from an oil spill. The rulemaking amends [14 CCR Subdivision 4](#) Sections 790 and 791.6 through 795. The final rule was effective 1 APR 15. For more information, contact [Joy Lavin-Jones](#) at (916) 327-0910.

**WATER QUALITY CONTROL PLAN FOR THE SACRAMENTO AND SAN JOAQUIN RIVER BASINS** The California State Water Resources Control Board [is requesting public comment](#) on its proposed approval of the Central Valley Region's amendment to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for the Control of diazinon and chlorpyrifos discharges. Comments are due 23 APR 15. For more information, contact [Daniel McClure](#) at (916) 464-4751 or [click here](#) to view the Central Valley plan amendment website.

**DESALINATION** The California State Water Resources Control Board [announced](#) a public meeting to consider approval of the Final Staff Report and adoption of the desalination amendments to the Ocean Plan addressing desalination facility intakes, brine discharges, and the incorporation of other non-substantive changes. Comments were due 9 APR 15. The public meeting is scheduled for 5 MAY 15. For more information, contact [Claire Waggoner](#) at (916) 341-5582 or [click here](#) to visit the board's website for the Ocean Plan and desalination amendments.

**CURTAILMENT OF WATER RIGHTS** The California State Water Resources Control Board [issued a notice](#) regarding the expected curtailment of water right diversions. If dry conditions persist through the spring, it is anticipated that all holders of post-1914 and many holders of pre-1914 water rights in certain watersheds will receive curtailment notices. Forecasts of water availability will be updated for many of the watersheds and posted on the board's [website](#).

**MANDATORY WATER RESTRICTIONS** California Governor Jerry Brown [issued an EO](#) calling for a 25% reduction in potable urban water use through 28 FEB 16, compared to a 2013 baseline. The California State Water Resources Control Board will release draft regulations in mid-April to implement the order, with approval of the final regulations in early May 2015. Local agencies will receive targets for cutting water use based on how much they have already reduced water use on a per-capita basis.

## LEGISLATIVE DEVELOPMENTS

The 2015 California legislative session began 1 DEC 14 and adjourns 30 NOV 16. An \* indicates the first time a bill appears in the 2015 Review.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AIR / CLIMATE CHANGE</b>				
<a href="#">AB 239</a> <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from adopting or amending regulations pursuant to the California Global Warming Solutions Act.	✓			
<a href="#">AB 335</a> <i>Assemblyman Jim Patterson (R)</i> Proposes to require the Air Resources Board and air districts to adopt regulations classifying minor violations. Defines the term "notice to comply" and requires a representative of agencies that find a minor violation to issue a notice to comply.	✓			
* <a href="#">AB 590</a> <i>Assemblyman Brian Dahle (R)</i> Proposes to create the Biomass State Cost Share Account within the Greenhouse Gas Reduction Fund. Specifies funds can be used to maintain the current level of biomass power generation in the state and revitalize currently idle facilities in strategically located regions.	✓			
* <a href="#">AB 674</a> <i>Assemblyman Kevin Mullin (D)</i> Proposes to address distributed energy generation. Restricts how electrical corporations can assess fees.	✓			
* <a href="#">AB 692</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to require state agency buyers of transportation fuels to procure an unspecified percentage of the total amount of fuel purchased from very low carbon transportation fuel sources. Increases the required percentage of very low carbon fuel to be purchased annually.	✓			
* <a href="#">AB 742</a> <i>Assemblyman James Gallagher (R)</i> Proposes to prohibit the Air Resources Board from enforcing a certain regulation that restricts emissions from in-use, diesel-fueled vehicles until the board completes a review of the safety of any particulate-matter filters.	✓			
* <a href="#">AB 777</a> <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal the California Global Warming Solutions Act of 2006.	✓			
* <a href="#">AB 857</a> <i>Assemblyman Henry T. Perea (D)</i> Proposes to amend the California Clean Truck, Bus, and Off-Road Vehicle and Equipment Technology Program funding rules.	✓			
* <a href="#">AB 1045</a> <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.	✓			
* <a href="#">AB 1094</a> <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
*AB 1288 <i>Assemblywoman Toni Atkins (D)</i> Proposes to amend market-based compliance provisions of the Global Warming Solutions Act of 2006.	✓			
*AB 1234 <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.	✓			
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.	✓			
<b>ENERGY</b>				
*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 EPA standards.	✓			
*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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
* <a href="#">AB 577</a> <i>Assemblywoman Susan Bonilla (D)</i> Proposes to limit development of in-state biogas.	✓			
* <a href="#">AB 645</a> <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.	✓			
* <a href="#">AB 655</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to increase fees for transporters of inedible kitchen grease for personal, noncommercial use as an alternative fuel.	✓			
* <a href="#">AB 808</a> <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.	✓			
* <a href="#">AB 942</a> <i>Assemblyman Ian Calderon (D)</i> Proposes to make amendments to the California Solar Initiative.	✓			
* <a href="#">AB 946</a> <i>Assemblyman Phil Ting (D)</i> Proposes to address interoperability of electric vehicle charging stations.	✓			
* <a href="#">AB 1005</a> <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.	✓			
* <a href="#">AB 1034</a> <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.	✓			
* <a href="#">AB 1330</a> <i>Assemblyman Richard Bloom (D)</i> Proposes to enact the Energy Efficiency Resource Standard Act. Mandates energy efficiency programs for buildings.	✓			
* <a href="#">AB 1333</a> <i>Assemblyman Bill Quirk (D)</i> Proposes to address tariffs for electricity purchased from certain electric generation facilities.	✓			
<b>LAND USE</b>				
* <a href="#">AB 644</a> <i>Assemblyman Jim Wood (D)</i> Proposes to address local approval of building construction in high fire hazard severity zones.	✓			
* <a href="#">AB 1004</a> <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.	✓			
* <a href="#">AB 1061</a> <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.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>NATURAL RESOURCES</b>				
<a href="#">AB 300</a> <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.	✓			
<a href="#">AB 311</a> <i>Assemblyman James Gallagher (R)</i> Proposes to address environmental impact reports for water improvement projects.	✓			
<a href="#">*AB 353</a> <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.	✓			
<a href="#">*AB 435</a> <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.	✓			
<a href="#">*AB 498</a> <i>Assemblyman Marc Levine (D)</i> Proposes to protect wildlife corridors.	✓			
<a href="#">*AB 559</a> <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.	✓			
<a href="#">*AB 956</a> <i>Assemblyman Devon Mathis (R)</i> Proposes to make changes to requirements for negative declarations under the California Environmental Quality Act.	✓			
<a href="#">*AB 1251</a> <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.	✓			
<a href="#">*AB 1312</a> <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.	✓			
<a href="#">SB 122</a> <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 CEQA. Requires public review of final reports, and amends recordkeeping requirements.	✓			
<a href="#">SB 154</a> <i>Senator Robert Huff (R)</i> Proposes to make technical, non-substantive changes to the definition of "environmental impact report."	✓			

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<p><b>SB 223</b>  <i>Senator Cathleen Galgiani (D)</i>  Proposes to address invasive species. Requires the Department of Parks and Recreation establish an advisory and oversight committee to monitor the activities relating to the management and control or eradication of invasive aquatic plants.</p>	✓			
<b>OTHER</b>				
<p><b>*AB 350</b>  <i>Assemblyman Luis Alejo (D)</i>  Proposes to address licensing of pesticide applicators. Specifies that certification for plant growth regulation includes plant and soil health.</p>	✓			
<p><b>*AB 543</b>  <i>Assemblyman Bill Quirk (D)</i>  Proposes to define prohibitions and warnings in Proposition 65.</p>	✓			
<p><b>*AB 597</b>  <i>Assemblyman Ken Cooley (D)</i>  Proposes to enact the Asbestos Tort Claim Trust Transparency Act. Establishes additional procedures with respect to civil actions pertaining to asbestos tort claims.</p>	✓			
<p><b>*AB 729</b>  <i>Assemblywoman Toni Atkins (D)</i>  Proposes to address the San Diego Unified Port District territory held in trust.</p>	✓			
<p><b>*AB 772</b>  <i>Assemblyman Catharine Baker (R)</i>  Proposes to require records of the sale of butane be kept for a specified period of time.</p>	✓			
<p><b>*AB 824</b>  <i>Assemblyman Mike Gatto (D)</i>  Proposes to amend the definition of "fire prevention activities" to include coordination and cooperation with the federal government.</p>	✓			
<p><b>*AB 1059</b>  <i>Assemblywoman Cristina Garcia (D)</i>  Proposes to require the Office of Environmental Health Hazard Assessment to update the California Communities Environmental Health Screening by using any relevant environmental data relating to known impacts on the environmental quality of the communities in the California-Mexico border region.</p>	✓			
<p><b>*AB 1071</b>  <i>Assemblywoman Toni Atkins (D)</i>  Proposes to require California Environmental Protection Agency to establish policy on supplemental environmental projects to benefit environmental justice communities.</p>	✓			
<p><b>*AB 1080</b>  <i>Assemblyman Jay Obernolte (R)</i>  Proposes to address reuse of military bases. Defines the term "enforceable obligation."</p>	✓			
<p><b>*SB 140</b>  <i>Senator Mark Leno (D)</i>  Proposes to prohibit the sale of tobacco or electronic cigarettes to minors.</p>	✓			

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<b>WASTE</b>				
<a href="#">AB 190</a> <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.	✓			
<a href="#">AB 191</a> <i>Assemblyman Matthew Harper (R)</i> Proposes to repeal an existing law that establishes per bag fees for businesses providing recycled paper bags.	✓			
<a href="#">AB 263</a> <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.	✓			
<a href="#">AB 273</a> <i>Committee On Environmental Safety And Toxic Materials</i> Proposes to address oversight and fees associated with corrective action under hazardous waste laws.	✓			
<a href="#">AB 276</a> <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.	✓			
* <a href="#">AB 628</a> <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.	✓			
* <a href="#">AB 864</a> <i>Assemblyman Das Williams (D)</i> Propose to require the Department of Resources Recycling and Recovery to issue temporary solid waste facility permits.	✓			
* <a href="#">AB 901</a> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to amend reporting requirements for recycling and composting operations.	✓			
* <a href="#">AB 997</a> <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.	✓			
* <a href="#">AB 1063</a> <i>Assemblyman Das Williams (D)</i> Proposes to increase the maximum fee paid by a solid waste facility operator to the state.	✓			
* <a href="#">AB 1075</a> <i>Assemblyman Luis Alejo (D)</i> Proposes to impose penalties for violations of hazardous waste laws. Allows for permit revocation after two violations.	✓			

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* <a href="#">AB 1159</a> <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.	✓			
* <a href="#">AB 1239</a> <i>Assemblyman Richard S. Gordon (D)</i> Proposes to require waste tire generators to pay fees.	✓			
<a href="#">SB 162</a> <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.	✓			
<a href="#">SB 225</a> <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.	✓			
* <a href="#">SB 673</a> <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.	✓			
<b>WATER</b>				
<a href="#">AB 78</a> <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.	✓			
* <a href="#">AB 92</a> <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
* <a href="#">AB 102</a> <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.	✓			
* <a href="#">AB 149</a> <i>Assemblyman Rocky Chavez (R)</i> Proposes to change the frequency that urban water suppliers are required to update their urban water management plans.	✓			
* <a href="#">AB 152</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to water rights law.	✓			
* <a href="#">AB 153</a> <i>Assemblyman Frank Bigelow (R)</i> Proposes to make changes to requirements for integrated regional water management plans.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AB 307</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit the usage of residential, commercial, and industrial graywater for the recharge of a groundwater basin or aquifer.	✓			
<b>AB 308</b> <i>Assemblyman Devon Mathis (R)</i> Proposes to explicitly permit incorporated and unincorporated communities to sell graywater for agricultural purposes and agriculture to use graywater for agricultural purposes.	✓			
<b>*AB 434</b> <i>Assemblywoman Cristina Garcia (D)</i> Proposes to require the State Water Resources Control Board to adopt regulations governing the use of point-of-entry and point-of-use treatment by public water systems in lieu of centralized treatment.	✓			
<b>*AB 452</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to authorize funding for the Groundwater Regulation Subaccount.	✓			
<b>*AB 453</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to require local agencies to amend their existing groundwater management plans until they adopt groundwater sustainability plans.	✓			
<b>*AB 454</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to change the dates by which certain groundwater sustainability plans must be developed.	✓			
<b>*AB 455</b> <i>Assemblyman Frank Bigelow (R)</i> Proposes to require the court to establish a rule of court establishing procedures related to proceedings associated with environmental impact reports for projects covered by a groundwater sustainability plan.	✓			
<b>*AB 496</b> <i>Assemblyman Anthony Rendon (D)</i> Proposes to address funding for drinking water for school districts.	✓			
<b>*AB 606</b> <i>Assemblyman Marc Levine (D)</i> Proposes to require the Department of General Services to retrofit state property to reduce water consumption.	✓			
<b>*AB 647</b> <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.	✓			
<b>*AB 815</b> <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.	✓			
<b>*AB 935</b> <i>Assemblyman Rudy Salas (D)</i> Proposes to address how water development grants can be spent.	✓			
<b>*AB 936</b> <i>Assemblyman Rudy Salas (D)</i> Proposes to address eligibility for groundwater monitoring grants.	✓			

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* <a href="#">AB 937</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to declare that the recharging of a groundwater basin to repel saline intrusion or recover basin groundwater levels is a beneficial use.	✓			
* <a href="#">AB 938</a> <i>Assemblyman Rudy Salas (D)</i> Proposes to address groundwater sustainability. Establishes a groundwater sustainability agency.	✓			
* <a href="#">AB 1095</a> <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.	✓			
* <a href="#">AB 1242</a> <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.	✓			
* <a href="#">AB 1243</a> <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.	✓			
* <a href="#">AB 1362</a> <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.	✓			
<a href="#">SB 127</a> <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.	✓			
<a href="#">SB 143</a> <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.	✓			
* <a href="#">SB 144</a> <i>Senator Richard Pan (D)</i> Proposes to modify the Natomas Basin flood protection project. Adopts a report.	✓			
<a href="#">SB 173</a> <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.	✓			
<a href="#">SB 208</a> <i>Senator Ricardo Lara (D)</i> Proposes to address integrated regional water management plans. Addresses funding and grant expenditures.	✓			

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<a href="#">SB 226</a> <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.	✓			
<a href="#">SB 228</a> <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.	✓			



## **NATURAL RESOURCES**

**INTRODUCED WILD BIRDS, INDIGENOUS, ENDANGERED AND THREATENED WILDLIFE** The Hawaii Department of Land and Natural Resources [adopted amendments](#) to Hawaii Administrative Rules, Title 13 [Chapter 124](#). The final rule amends the chapter title, reorganizes the chapter, amends definitions, prohibits the transport and release of introduced wildlife, amends penalties, and updates the list of Injurious Species, Introduced Wild Birds, and Threatened and Endangered Species. The final rule was effective 27 FEB 15.

## **LEGISLATIVE DEVELOPMENTS**

The [2015 Hawaii legislative session](#) began 21 JAN 14 and adjourns 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 1<sup>st</sup> House</i>	<i>Passed 2<sup>nd</sup> House</i>	<i>Status</i>
<b>AIR/CLIMATE CHANGE</b>				
<a href="#">SB 500</a> <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.	✓			
<b>ENERGY</b>				
<a href="#">HB 623</a> <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.	✓	✓		
<a href="#">SB 715</a> <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.	✓	✓		

<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>
<b>HB 892</b> <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.	✓			
<b>SB 1061</b> <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.	✓			
<b>LAND USE</b>				
<b>HB 1430</b> <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.	✓			
<b>NATURAL RESOURCES</b>				
<b>HB 5</b> <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.	✓			
<b>HB 7</b> <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.	✓			
<b>HB 465</b> <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.	✓			
<b>*HB 469</b> <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.	✓			
<b>*HB 611</b> <i>Representative Cindy Evans (D)</i> Proposes to appropriate funds to digitize historic preservation records and positions in the State Historic Preservation Division.	✓	✓		
<b>HB 647</b> <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.	✓			

<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>
<b>HB 750</b> <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.	✓			
<b>SB 877</b> <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.	✓	✓		
<b>SB 956</b> <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.	✓			
<b>OTHER</b>				
<b>HB 693</b> <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.	✓			
<b>HB 1514</b> <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.	✓			
<b>HCR 3</b> <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
<b>*HCR 219</b> <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.	✓			
<b>SB 575</b> <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.	✓			
<b>SB 661</b> <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.	✓	✓		

<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>
<b>SB 734</b> <i>Senator Rosalyn H. Baker (D)</i> Proposes to increase pesticide licensing fees. Addresses use of the pesticide use revolving fund.	✓			
<b>SB 793</b> <i>Senator Joshua B Green (D)</i> Proposes to establish mandatory notice, reporting, and use requirements when pesticides are applied outdoors near sensitive areas.	✓			
<b>SB 797</b> <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.	✓			
<b>SB 799</b> <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.	✓			
<b>SB 801</b> <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.	✓			
<b>SB 931</b> <i>Senator Sam Slom (R)</i> Proposes to change the state legislature from the current two chamber system to a single chamber (unicameral) legislature.	✓			
<b>SB 1037</b> <i>Senator Joshua B Green (D)</i> Proposes to establish a mandatory disclosure program for pesticide use by all persons, under certain circumstances.	✓	✓		
<b>SCR 3</b> <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
<b>WASTE</b>				
<b>HB 754</b> <i>Representative Nicole Lowen (D)</i> Proposes to prohibit establishments from providing food in polystyrene foam containers beginning 1 JAN 16.	✓			
<b>HB 1245</b> <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.	✓			
<b>*HCR 143</b> <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.	✓			
<b>SB 180</b> <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.	✓			

<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>
<b>SB 703</b> <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.	✓	✓		
<b>SB 1325</b> <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.	✓			
<b>WATER</b>				
<b>HB 645</b> <i>Representative Calvin K.Y. Say (D)</i> Proposes to address funding and repair of leaking petroleum underground storage tanks at Red Hill.	✓			
<b>HB 835</b> <i>Representative Jarrett Keohokalole (D)</i> Proposes to establish requirements for the Department of Health regarding water quality certification applications.	✓			
<b>HB 872</b> <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.	✓			
<b>HB 1325</b> <i>Representative Joseph Souki (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is SB 1310.	✓	✓		
<b>SB 540</b> <i>Senator Gilbert Kahele (D)</i> Proposes to specify time limits for regulatory approval/disapproval of section 401 water quality permit applications.	✓			
<b>SB 1168</b> <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.	✓			
<b>SB 1310</b> <i>Senator Laura Thielen (D)</i> Proposes to authorize counties to establish and charge user fees for stormwater management. Companion bill is HB 1325.	✓	✓		

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



## **LEGISLATIVE DEVELOPMENTS**

The [2015 Nevada legislative session](#) began 2 FEB 15 and adjourns 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>
<b>AIR/CLIMATE CHANGE</b>				
<b>ENERGY</b>				
<b>AB 32</b> <i>Taxation Committee</i> Proposes to revise provisions relating to special fuels. Revises taxes, measurements, and recordkeeping.	✓			
<b>SB 150</b> <i>Senator Kelvin Atkinson (D)</i> Proposes to create local improvement districts that include an energy efficiency improvement project or a renewable energy project.	✓			
<b>SJR 2</b> <i>Senator Peter Goicoechea (R)</i> Proposes to urge Congress to share certain funds generated from commercial activity on public lands with the state.	✓	✓		
<b>LAND USE</b>				
<b>NATURAL RESOURCES</b>				
<b>AB 34</b> <i>Government Affairs Committee</i> Proposes to repeal provisions governing certain fire protection districts and fire safety.	✓			
<b>AB 163</b> <i>Assemblyman Ira Hansen (R)</i> Proposes to create rangeland fire protection associations.	✓			
<b>OTHER</b>				
<b>AB 146</b> <i>Assembly Committee On Transportation</i> Proposes to revise provisions governing motor vehicle licensing.	✓			
<b>WASTE</b>				
<b>SB 122</b> <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.	✓			
<b>WATER</b>				
<b>SB 81</b> <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.	✓			
<b>SB 89</b> <i>Natural Resources Committee</i> Proposes to revise provisions regarding expenditures from petroleum cleanup funds.	✓			

# Department of Defense Activity

## ***INSTRUCTIONS***

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

## ***NATURAL RESOURCES***

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

## ***PLANNING***

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

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

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

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

## ***WASTE***

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

# Federal Activity

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

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

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

## *AIR*

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

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

**PERFORMANCE STANDARDS FOR NEW RESIDENTIAL WOOD HEATERS** EPA revised the standards of performance for new residential wood heaters by adding a new chapter regulating residential [hydronic heaters](#) and forced-air furnaces ([80 FR 13671](#)). This final rule achieves several objectives for new residential wood heaters, including applying updated emission limits that reflect the current best systems of emission reduction, eliminating exemptions over a broad suite of residential wood combustion devices, strengthening test methods as appropriate, and streamlining the certification process. The final rule does not affect heaters solely fired by gas, oil, or coal or include new requirements associated

with appliances that are already in use. The final rule is effective 15 MAY 15. For more information, contact [Amanda Aldridge](#) at (919) 541-5268 or [click here](#) to visit EPA's Burn Wise website.

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

**NSPS ELECTRONIC REPORTING** EPA is proposing to allow facilities subject to NSPS under the Clean air Act (CAA) Part 60 to submit specified data reports electronically and maintain electronic records of these reports ([80 FR 15099](#)). The proposed rulemaking does not change how facilities interact with their air agencies. Air agencies will continue to receive reports in the format that they currently require unless they specify otherwise to facilities. However, the proposal allows air agencies to elect to receive reports electronically using the EPA's system. EPA is proposing that the final rule would become effective 90 days after publication. Comments are due 19 MAY 15. For more information, contact [Gerri Garwood](#) at (919) 541-2406, [click here](#) to view a fact sheet, or [click here](#) to learn about EPA's air toxics rules.

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

**ARIZONA SIP** EPA is proposing a limited approval and limited disapproval of revisions to the Arizona SIP ([80 FR 14044](#)). The revisions are a replacement of ADEQ's existing SIP-approved rules for the issuance of NSR permits for stationary sources, including but not limited to review and permitting of major sources and major modifications under the CAA. According to EPA, Arizona's revised NSR program satisfies most of the applicable requirements, and will significantly update ADEQ's existing SIP-approved NSR program. The revisions also represent an overall strengthening of ADEQ's SIP-approved NSR program by clarifying and enhancing the NSR permitting requirements for major and minor stationary sources. Comments are due 17 APR 15. For more information, contact [Lisa Beckham](#) at (415) 972-3811.

**CALIFORNIA SIP: MONTEREY BAY** EPA is approving certain revisions and disapproving other revisions to the Monterey Bay Air Quality Management District portion of the California SIP ([80 FR 15899](#)). EPA is finalizing a limited approval and limited disapproval of Rule [207](#), a full disapproval of Rule [200](#), full approval of Rules [203](#), [204](#), [206](#), and [212](#), and the repeal of Rule [208](#). The limited disapproval of Rule 207 triggers an obligation for EPA to promulgate a Federal Implementation Plan unless California corrects the deficiencies and EPA approves the related plan revisions within two years. The final rule is effective 27 APR 15. For more information, contact [Laura Yannayon](#) at (415) 972-3534.

**CALIFORNIA SIP: PLACER AND VENTURA COUNTIES** EPA is approving revisions to the Placer County Air Pollution Control District and Ventura County Air Pollution Control District portions of the California SIP ([80 FR 16289](#)). The agency is approving local rules that regulate volatile organic compound (VOC) emissions from the surface coating of plastic parts and products, metalworking fluids, and direct-contact lubricants. The final rule is effective 26 MAY 15. For more information, contact [Arnold Lazarus](#) at (415) 947-3024.

**CALIFORNIA SIP: SACRAMENTO AND SOUTH COAST** EPA approved revisions to the Sacramento Metropolitan Air Quality Management District and South Coast Air Quality Management District portions of the California SIP ([80 FR 13495](#)). The agency approved local rules that regulate particulate matter (PM) emissions from residential wood burning and PM air pollution control devices. The final rule is effective 15 MAY 15 unless the agency received adverse comment by 15 APR 15. For more information, contact [Christine Vineyard](#) at (415) 947-4125.

## **CLIMATE CHANGE**

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

## **ENERGY**

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

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

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

**WIND ENERGY REPORT** DOE examined the future of the wind industry in a new report titled [Wind Vision: A New Era for Wind Power in the United States](#). The report highlights the importance of wind in the nation's energy portfolio, offers a roadmap for further development, and considers barriers and steps to advance wind energy to 35% of national electricity demand by 2050. For comparison, wind supplied 4.5% of U.S. electricity demand in 2013.

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

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

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

## ***NATURAL RESOURCES***

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

**HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE SANCTUARY** The National Oceanic and Atmospheric Administration (NOAA) is proposing to expand the boundaries and scope of [Hawaiian Islands Humpback Whale National Marine Sanctuary](#), amend the regulations for the sanctuary, change the name of the sanctuary, and revise the sanctuary's terms of designation and management plan ([80 FR 16223](#)). The purpose of this action is to transition the sanctuary from a single-species management approach to an ecosystem-based management approach. Comments are due 19 JUN 15. For more information, contact Malia Chow at (808) 725-5901.

**GULF OF THE FARALLONES AND CORDELL BANK NATIONAL MARINE SANCTUARIES** NOAA is expanding the boundaries of [Gulf of the Farallones National Marine Sanctuary](#) and [Cordell Bank National Marine Sanctuary](#) ([80 FR 13077](#)). The Gulf of the Farallones National Marine Sanctuary will increase in size from 1,282 square miles (mi<sup>2</sup>) to 3,295 mi<sup>2</sup>. The neighboring Cordell Bank National Marine Sanctuary will increase in size from 529 mi<sup>2</sup> to 1,286 mi<sup>2</sup>. NOAA is also revising the terms of designation, management plans, and regulations for the two sanctuaries. NOAA's action expands the boundaries of the sanctuaries north and west of their original boundaries. The sanctuaries are found off shore San Mateo, San Francisco, Marin, Sonoma and Mendocino counties, California. For more information, contact Maria Brown at (415) 561-6622 or visit the [sanctuary expansion website](#).

## ***OTHER***

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

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

**ISLAND FOX** FWS released the final recovery plan for the four subspecies of [island fox \(\*Urocyon littoralis\*\)](#) ([80 FR 12521](#)). The recovery plan includes recovery objectives and criteria, and specific actions necessary to achieve downlisting and delisting from the Federal Lists of Endangered and Threatened Wildlife and Plants. Each of the four

subspecies is endemic to the Channel Islands off southern California for which it is named: San Miguel Island fox, Santa Rosa Island fox, Santa Cruz Island fox, and Santa Catalina Island fox. The service is also conducting a status review of the four subspecies. Comments were due 8 MAY 15. For more information, contact [Steve Henry](#) or [click here](#) to view the recovery plan.

**HAWAIIAN MONK SEAL** FWS updated the federal list of endangered and threatened wildlife to reflect current taxonomy and nomenclature for the [Hawaiian monk seal](#) (*Neomonachus schauinslandi* (= *Monachus schauinslandi*)) (80 FR 12566). The update is based on a previously published determination by the National Marine Fisheries Service (NMFS), which has jurisdiction for this species. The final rule was effective 10 MAR 15. For more information, contact Jean Higgins at (808) 725-5151.

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

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

## **WASTE**

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

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

## **WATER**

**SPCC CHECKLIST** [FedCenter.gov](#) published the [checklist](#) used by EPA inspectors when conducting inspections of facility compliance with the Spill Prevention, Control, and Countermeasure (SPCC) rule at 40 CFR Part 112. The checklist is a required tool to help federal inspectors record observations for the site inspection and review of the SPCC Plan. The checklist must be completed in order for an inspection to count toward an agency measure. The completed checklist and supporting documentation serve as the inspection report. It addresses requirements for onshore facilities

including Tier II Qualified Facilities that meet the eligibility criteria set forth in §112.3(g)(2). For more information, refer to [40 CFR Part 112](#).

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

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

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

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

## *Professional Development*

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

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

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

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

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

## ***FEDERAL TRAINING SOURCES***

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

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

FedCenter also provides member assistance services such as:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**PRELIMINARY ASSESSMENT AND SITE INSPECTION (PA/SI) WEBINAR SERIES** The CERCLA Education Center is offering archived versions of its nine-part Preliminary Assessment and Site Inspection (PA/SI) [webinar series](#). PA/SI is an intermediate training course designed for personnel who are required to compile, draft, and review PA, SI, and hazard

ranking system (HRS) documentation records and packages submitted for sites proposed for the National Priorities List (NPL). More information is available at [www.clu-in.org](http://www.clu-in.org).

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

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

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

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

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

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

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

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

## *How the Regional Offices Work for You*

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

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

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

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

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# Acronyms

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 <sub>4</sub>	methane
CNOR	candidate notice of review
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> 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 <sub>2</sub> 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 <sub>3</sub>	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NO <sub>2</sub>	nitrogen dioxide
NOx	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
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 <sub>2</sub>	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 <sup>3</sup>	micrograms per cubic meter
U.S.	United States
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USGS	United States Geological Survey
UST	underground storage tank
USTCA	Underground Storage Tank Compliance Act
VOC	volatile organic compound
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](#).