



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

July 2013

The **WESTERN REGION 9 REVIEW** provides current information on natural resource, energy, and environmental issues relevant to Department of Defense interests in the 4 states and territories that comprise Federal Region 9. The Review is intended to be a tool useful to DoD and Army leaders, planners, and program managers in carrying out their responsibilities. The Western Region 9 Review monitors and targets proposed and final regulations and legislation that may affect Army or DoD operations. To receive a copy of this electronic publication, send an email request to nancy.l.reese2.ctr@mail.mil.



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Climate Action Plan

On June 25, President Obama presented his [Climate Action Plan](#), a blueprint for national and international action to slow the effects of climate change. The plan identifies actions to be taken in [three broad categories](#): cut carbon emissions, prepare for climate change, and lead international efforts to address climate change.

Cut carbon emissions: The President’s plan relies on the Environmental Protection Agency (EPA) to [regulate carbon emissions from new and modified power plants](#), curb hydrofluorocarbon (HFC) emissions, and work with other federal agencies to curb methane emissions. The plan mandates increases in renewable energy production on public lands, addresses [improvements to the electric grid](#), lays a path to increase building and appliance energy efficiency, commits the government to partner with industry to develop fuel economy standards for heavy-duty vehicles, and provides new loan guarantees for a wide array of advanced fuel innovative technologies.

Prepare for climate change: President Obama is calling for the U.S. to prepare for the impacts of climate change. Obama’s plan directs federal agencies to support local climate-resilient investment by removing counter-productive policies and modernizing programs, piloting innovative strategies to strengthen communities against extreme weather and other climate impacts, and launching an effort to create sustainable and resilient hospitals through a public-private partnership with the healthcare industry. The President proposes to leverage the power of information to maintain agricultural productivity and increase preparedness by delivering science-based knowledge to farmers, ranchers, and landowners; providing a “toolkit” of climate change tools and information; and launching a National Drought Resilience Partnership and a new climate data initiative.

Lead international efforts: The plan calls on the U.S. to expand new and existing international initiatives and restrict U.S. financing of overseas coal-fired power plants.

Region 9

For more information on any state issues in Region 9, contact [Tim Kilgannon](#), Region 9 Environmental Coordinator (303) 844-0953.



AIR

2012 EMISSION INVENTORY REPORT The Arizona Department of Environmental Quality (ADEQ) held its annual point source emission inventory reporting [workshop](#). The workshop addressed updates on annual emission inventory reporting, point source news, and guidance on how to complete and submit annual emission inventory reports to comply with permits, state rules, and federal regulations. The workshop, held 14 JUN 13, covered inventory reporting guidance for the following categories:

- Major Point Sources
- Minor Point Sources
- Minor Portable Sources
- Non-Operational Sources

All forms and publications discussed at the workshop and a video and presentation are available on the agency's [website](#). For more information, contact [Tai Wallace](#) at (602) 771-4455.

ARIZONA SIP: SO₂ NAAQS The ADEQ is [inviting public comment](#) on a [proposed revision](#) to the Arizona State Implementation Plan (SIP) for the 2010 sulfur dioxide (SO₂) National Ambient Air Quality Standards (NAAQS) under the Clean Air Act (CAA). A public hearing is scheduled for 15 JUL 13. Comments are due the same day. For more information, contact [Ahmed Abdulla](#). Additional information is available on the [ADEQ SIP website](#).

WATER

UNDERGROUND WATER STORAGE FACILITY PERMIT APPLICATION GUIDE ADEQ, Department of Water Resources, [issued two substantive policy statements](#) that revise prior policy statements relating to the [Underground Water Storage, Savings, and Replenishment Program](#). The revised substantive policy statements are titled:

- *Underground Water Storage Permit Application Guidance–Technical and Financial Capability and Unreasonable Harm and Hydrologic Feasibility (R9)*; and
- *Underground Storage Facility Permit Application Guide (R10)*.

The guidance was effective 20 MAY 13. For more information, contact [Michelle Moreno](#) at (602) 771-8530.

LEGISLATIVE DEVELOPMENTS

The [2013 Arizona legislative session](#) began 14 JAN 13 and adjourned 7 MAY 13.



AIR

VAPOR RECOVERY SYSTEMS AT GASOLINE DISPENSING FACILITIES AND CARGO TANKS The California Air Resources Control Board (CARB) is [proposing](#) amendments to [Certification and Test Procedures for Vapor Recovery Systems at Gasoline Dispensing Facilities \(GDFs\) and Cargo Tanks](#). The amendments would:

- Improve two test procedures used by agency staff during certification of vapor recovery equipment designed for use with aboveground storage tanks (ASTs), and improve readability and clarity; and
- Revise the certification procedure and three test procedures for equipment used on cargo tanks to control gasoline vapor emissions and align requirements with federal Department of Transportation (DOT) requirements.

Comments are due 24 JUL 13. A public hearing is scheduled for the next day. For more information, contact Scott Bacon at (916) 322-8949.

BAY AREA: OPEN BURNING AND FEES The Bay Area Air Quality Management District [adopted amendments](#) to district [Regulation 3 \(Fees\)](#) and Regulation 5 (Open Burning). The amendments to Regulation 3 increase existing fees and add two new fees. Amendments to Regulation 5 reference new fee requirements. The final rule was effective 19 JUN 13. For more information, contact [Joe Slamovich](#) at (415) 749-4681.

SAN DIEGO: 2012 AIR TOXICS HOT SPOTS PROGRAM REPORT The San Diego County Air Pollution Control District [announced a public meeting](#) to receive comments on the draft [2012 Air Toxics Hot Spots Program report](#). The report summarizes the hot spots program elements, status of the program in San Diego County, stationary and mobile emission estimates, emission reduction efforts, results of local health risk assessments, and status of public notifications and risk reduction plans. A public hearing is scheduled for 29 JUL 13. For more information, contact Archi dela Cruz at (858) 586-2732.

SAN DIEGO: WOOD PRODUCT COATING OPERATIONS The San Diego County Air Pollution Control District [adopted amendments](#) to Rule 67.11, applicable to wood products coating operations. The amendments

- Lower the small usage exemption from 500 to 20 gallons of coating per 12-month period;
- Add an exemption for coating operations emitting 150 pounds or less of volatile organic compounds (VOCs) per 12-month period;
- Add an exemption allowing no more than 20 gallons of noncompliant coatings;
- Reduce allowable VOC in certain product categories; and
- Address surface preparation materials, stripping materials, and materials used for cleaning of application equipment.

The [final rule](#) was effective 27 JUN 13. For more information, contact Rosa Maria Abreau at (858) 586-2720.

SANTA BARBARA: PSD REQUIREMENTS The Santa Barbara County Air Pollution Control District adopted [amendments](#) to Rule 810, which implements federal Prevention of Significant Deterioration (PSD) requirements. The amendments relate to the agency's PSD permitting program for greenhouse gasses (GHGs) and are intended to facilitate incorporation of Rule 810 into the California SIP. The [final rule](#) was effective 20 JUN 13.

SOUTH COAST: ARCHITECTURAL COATINGS The South Coast Air Quality Management District issued a notice of [proposed amendments](#) to Rule 1113 (Architectural Coatings) and Rule 314 (Fees for Architectural Coatings). The [proposed amendments to Rule 1113](#) are intended to exempt coatings sold in two-ounce (and smaller) containers from

labeling requirements and remove outdated language. The [proposed amendments to Rule 314](#) would eliminate the grouping provision, exempt small manufacturers from the fee, revise the current fee exemptions, and clarify rule language. Rule 1113 applies to a person who supplies, sells, markets, offers for sale, or manufactures any architectural coating in the district, and to any person who applies, stores at a worksite, or solicits the application of any architectural coating within the district. Rule 314 applies to manufacturers and big box retailers. Comments were due 27 JUN 13. A public hearing is scheduled for 6 SEP 13.

VENTURA COUNTY: PERMIT FEES The Ventura County Air Pollution Control District [adopted revisions](#) to Rule 42 (Permit Fees). The revisions increase permit renewal fee rates by 3.0%, effective 1 JUL 13. A [staff report](#) explains the proposed fee increase. For more information, contact [Chris Frank](#) at (805) 645-1409.

CLIMATE CHANGE

BAY AREA SUSTAINABLE COMMUNITIES STRATEGY CARB held a [public meeting](#) to hear an informational update on the Association of Bay Area Governments' and Metropolitan Commission's Draft Sustainable Community Strategy, prepared pursuant to the California [Sustainable Communities and Climate Protection Act of 2008](#). The act requires each of the state's 18 metropolitan planning organizations to prepare either a sustainable communities strategy or an alternative planning strategy to meet the regional GHG emission reduction targets for 2020 and 2035. For more information, contact Jennifer Gray at (916) 327-0027.

ENERGY

CLEAN FUELS OUTLET PROGRAM CARB [is proposing](#) amendments to its Clean Fuels Outlet (CFO) Regulation. The amendments are intended to increase the number of refueling stations for hydrogen-fueled vehicles. A [public hearing](#) originally scheduled for 27 JUN 13 has been rescheduled for 26 SEP 13. For more information, contact Leslie Goodbody at (916) 323-2961.

TOXICS

PROPOSITION 65: COAL COMBUSTION EMISSIONS The California Office of Environmental Health Hazard Assessment (COEHHA) [announced](#) that it intends to list emissions from the combustion of coal as known to the state to cause cancer under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). Comments were due 6 JUL 13. For more information, contact [Cynthia Oshita](#) at (916) 445-6900.

LEGISLATIVE DEVELOPMENTS

The [2013 California legislative session](#) began 3 JAN 13 and adjourns 13 SEP 13.

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
AB 26 <i>Assemblywoman Susan Bonilla (D)</i> Proposes to prohibit the Controller from using moneys deposited in the Greenhouse Gas Reduction Fund for cash flow loans to the General Fund.	✓	✓		
AB 245 <i>Assemblyman Shannon Grove (R)</i> Proposes to repeal an exemption for the Western Climate Initiative, Inc. from requirements to hold open meetings (Bagley-Keene Open Meeting Act). Subjects the Western Climate Initiative, Inc. and its appointees to the Bagley-Keene Open Meeting Act when performing their duties.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 147 <i>Assemblyman Manuel Perez (D)</i> Proposes to specify certain actions be completed concerning dust mitigation in the Salton Sea. Pertains to abatement of dust from the Salton Sea caused by other water transfers in the Quantification Settlement Agreement (QSA).	✓	✓		
AB 278 <i>Assemblyman Mike Gatto (D)</i> Proposes to change how the Air Resources Board scores low carbon fuels. Requires the board to consider specific issues including deforestation, environmental law in place for the fuel's origin, and disruptions in food supply or costs.	✓	✓		
AB 691 <i>Assemblyman Al Muratsuchi (D)</i> Proposes to specify that assessing the effects of sea level rise on certain public trust lands be a management priority. Requires certain trustees of public tidelands and submerged lands prepare and submit to the legislature an assessment of how they propose to address sea level rise.	✓	✓		
SB 605 <i>Senator Ricardo Lara (D)</i> Proposes to require the CARB, when updating the GHG scoping plan, to include specified criteria. Requires all GHG emissions reductions be achieved within the state in areas that are most impacted by GHG and other pollutants.	✓	✓		
SB 726 <i>Senator Ricardo Lara (D)</i> Proposes to require the Western Climate Initiative to cease all work on behalf of the state.	✓	✓		
SB 793 <i>Senator Ricardo Lara (D)</i> Proposes to require an oceangoing vessel equipped to receive shore power to conduct the testing and inspection of such equipment each time the equipment is used.	✓			Failed crossover deadline
SB 798 <i>Senator Kevin De Leon (D)</i> Proposes to enact the California Green Infrastructure Bank Act. Establishes the California Green Infrastructure Bank as a public corporation responsible for administering the act.	✓			Failed crossover deadline
ENERGY				
AB 148 <i>Assemblyman Manuel Perez (D)</i> Proposes to establish a Salton Sea Renewable Energy and Biofuel Research and Development Program in the Salton Sea basin to provide grants to facilitate research and the commercial development of renewable energy and biofuel resources. Requires the Natural Resources Agency to issue rules for application, review, and issuance of grants.	✓			Failed crossover deadline
AB 177 <i>Assemblyman Manuel Perez (D)</i> Proposes to require all retail sellers of electricity to procure new demand-side and clean energy generation to achieve greenhouse gas emissions reduction, resource adequacy, and renewable goals simultaneously in the most cost-effective manner practicable. Promotes renewable energy development in the Salton Sea area.	✓			Failed crossover deadline
AB 190 <i>Assemblyman Joan Buchanan (D)</i> Proposes to make nonsubstantive changes to the meaning of kilowatt hour in the California Solar Initiative.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 225 <i>Assemblyman Brian Nestande (R)</i> Proposes to address the speed of electric vehicles on roadways and operator licensing. Requires that the driver of a medium-speed electric vehicle possess a class A, class B, or class C driver's license.	✓	✓		
AB 248 <i>Assemblyman Jeff Gorell (R)</i> Proposes to require the Public Utilities Commission to submit a report on how it can achieve objectives related to once-through cooling power plants in Ventura County while preserving and enhancing electric system reliability in the counties of Santa Barbara and Ventura.	✓			Failed crossover deadline
AB 284 <i>Assemblyman Bill Quirk (D)</i> Proposes to require the State Energy Resources Conservation and Development Commission to convene a "Road to 2050 Board." Specifies staffing and duties of the board. Requires the board to undertake studies and complete reports related to the goal of reducing greenhouse gas emissions by 80% of 1990 levels by 2050.	✓			Failed crossover deadline
AB 293 <i>Assemblyman Travis Allen (R)</i> Proposes to make changes to existing requirements for the Public Utilities Commission to study and report on the impacts of distributed energy generation on the state's distribution and transmission grid.	✓			Failed crossover deadline
AB 1014 <i>Assemblyman Das Williams (D)</i> Proposes to create the Green Tariff and Shared Renewable Generation program.	✓	✓		
AB 1350 <i>Assemblyman Roger Hernandez (D)</i> Proposes to require the Public Utilities Commission to adopt and implement a schedule that implements a second phase-in period for expanding direct transactions.	✓			Failed crossover deadline
AB 1409 <i>Committee On Utilities And Commerce</i> Proposes to move certain requirements for local publicly owned electric utilities from an area of the public utilities code pertaining to electrical restructuring, to the area of the code pertaining to the implementation of the California Solar Initiative.	✓	✓		
SB 43 <i>Senator Lois Wolk (D)</i> Proposes to allow energy utility customers, including the military, who cannot generate their own renewable energy on site, to obtain renewable energy from off-site community renewable energy facilities.	✓	✓		
SB 715 <i>Senator Ricardo Lara (D)</i> Proposes to exclude a facility that burns municipal solid waste from consideration as a renewable energy resource unless it is located in the County of Los Angeles and was operational prior to 26 SEP 96.	✓			Failed crossover deadline
LAND USE				
SB 186 <i>Senator Stephen Knight (R)</i> Proposes to amend requirements related to the planning and zoning law that requires local government agencies to prepare and adopt a general plan that analyzes existing and projected housing needs.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 758 <i>Senator Martin Block (D)</i> Proposes to address Airport Land Use Compatibility Plan in the City of Coronado, where Naval Base Coronado is located.	✓	✓		
NATURAL RESOURCES				
AB 37 <i>Assemblyman Henry T. Perea (D)</i> Proposes to amend the California Environmental Quality Act (CEQA) to require project applicants to prepare certain documentation.	✓	✓		
AB 875 <i>Assemblyman Wesley Chesbro (D)</i> Proposes to address restoration grant programs relating to salmon and anadromous trout species.	✓			Failed crossover deadline
AB 1060 <i>Assemblyman Steve Fox (D)</i> Proposes to exempt certain military projects from CEQA filing fees.	✓	✓		
AB 1134 <i>Assemblyman Ben Hueso (D)</i> Proposes to make changes to migratory bird hunting rules.	✓			Failed crossover deadline
AB 1302 <i>Assemblyman Curt Hagman (R)</i> Proposes to enact the Sustainable Environmental Protection Act. Limits the scope of CEQA-based judicial challenges to projects.	✓			Failed crossover deadline
SB 167 <i>Senator Ted Gaines (R)</i> Proposes to amend CEQA requirements.	✓			Failed crossover deadline
OTHER				
AB 12 <i>Assemblyman Ken Cooley (D)</i> Proposes to require the Department of Finance and the proponent office to annually review the standardized regulatory impact analyses for adherence to the adopted regulations. Potentially affects agency regulatory impact analysis conducted for each major regulatory action.	✓	✓		
AB 163 <i>Assemblyman Toni Atkins (D)</i> Proposes to extend for an additional ten years certain sales and use taxes, for operation of a thrift store on a military installation that assists members of the Armed Forces of the United States.	✓	✓		
AB 526 <i>Assemblyman Melissa Melendez (R)</i> Proposes to extend deferrals for active members of the Military Reserve and Active Guard for payments on mortgages, credit cards, retail installment accounts and contracts, real property taxes and assessments, and vehicle leases. Addresses reinstatement of health care coverage.	✓	✓		
AB 1327 <i>Assemblyman Jeff Gorell (R)</i> Proposes to prohibit public agencies from using or contracting for the use of unmanned aircraft systems with certain exceptions.	✓			Failed crossover deadline
SB 720 <i>Senator Lou Correa (D)</i> Proposes to provide mortgage relief to current service members.	✓	✓		

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
WASTE				
AB 215 <i>Assemblyman Wesley Chesbro (D)</i> Proposes to revise the definitions of the various terms pertaining to requirements for rigid plastic packaging containers.	✓	✓		
AB 371 <i>Assemblyman Rudy Salas (D)</i> Proposes to authorize Kern County to prohibit the land application of sewage sludge.	✓			Failed crossover deadline
AB 1398 <i>Committee On Natural Resources</i> Proposes to define commercial solid waste to include all types of solid waste generated by a store, office, or other commercial or public entity source, including a business or a multifamily dwelling of five or more units.	✓	✓		
SB 245 <i>Senator Lou Correa (D)</i> Proposes to establish the Used Mattress Recycling Act. Requires an industry group to establish a used mattress recycling program, similar to existing recycling programs for paint and used carpet.	✓			Failed crossover deadline
SB 254 <i>Senator Loni Hancock (D)</i> Proposes to establish the Used Mattress Recovery and Recycling Act. Requires mattress manufacturers to develop a plan that ensures that the manufacturer is responsible for the collection and recycling of used mattresses generated by consumers in the state. Specifies requirements to be included in the plan, including meeting specified recycling goals. Requires annual reporting.	✓	✓		
WATER				
AB 7 <i>Assemblyman Bob Wieckowski (D)</i> Proposes to require the California Division of Oil, Gas, and Geothermal Resources and the California State Water Resources Control Board to develop rules and regulations specific to hydraulic fracturing. Specifies requirements for production well owners.	✓			
AB 240 <i>Assemblyman Anthony Rendon (D)</i> Proposes to add regulations for mutual water companies. Allows a mutual water company to file a lien against a shareholder for lack of payment. Adds requirements for mutual water company board members.	✓	✓		
AB 282 <i>Assemblyman Bob Wieckowski (D)</i> Proposes to increase the fee to store petroleum in an underground storage tank by \$0.006 per gallon until 2016.	✓	✓		
AB 467 <i>Assemblyman Mark Stone (D)</i> Proposes to require the state board, in expending moneys from the Freshwater Protection Fund, to prioritize programs that provide drinking water solutions for disadvantaged and severely disadvantaged communities.	✓	✓		
AB 1223 <i>Assemblyman Mark Stone (D)</i> Proposes to make technical, nonsubstantive changes to the California Safe Drinking Water Act.	✓			Failed crossover deadline

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 246 <i>Senator Jean Fuller (R)</i> Proposes to reverse the consolidation of two water agencies (Desert View Water District and the Bighorn Mountains Water Agency).	✓	✓		
SB 322 <i>Senator Ben Hueso (D)</i> Proposes to mandate the development of criteria for recycled water.	✓	✓		
SB 449 <i>Senator Cathleen Galgiani (D)</i> Proposes to prohibit certain water project grants unless the project applicant is found to be sufficiently reducing their dependence on the Delta watershed.	✓			Failed crossover deadline



UNDERGROUND STORAGE TANK RULES The Hawaii Department of Health (HDOH) [Solid and Hazardous Waste Branch](#) made changes to proposed revisions to its underground storage tank rules. The HDOH revised its proposed underground storage tank rule based on [comments](#) and [public testimony](#) received at an April 2013 public hearing. HDOH also released [a summary of proposed underground storage tank rule changes](#). This action would amend Hawaii Administrative Rules (HAR), Title 11, Chapter 281. For more information, contact Thu Perry at (808) 586-4226.

LEGISLATIVE DEVELOPMENTS

The [2013 Hawaii legislative session](#) began 16 JAN 13 and adjourned 1 MAY 13.

In addition, the [2013 Guam legislative session](#) began 2 JAN 13 and adjourns 28 DEC 13.

[BCOR 108](#) proposes to change number of definitions in Guam’s 2010 bottle recycling law (Public Law 30-221) to give Guam EPA flexibility in adjusting program fees. Removes a [provision](#) from existing law that the bottle deposit fee be implemented six months after the government of Guam reaches a voluntary, written agreement with the U.S. Navy and U.S. Air Force. Introduced 16 MAY 13.



LEGISLATIVE DEVELOPMENTS

The [2013 Nevada legislative session](#) began 4 FEB 3 and adjourned 4 JUN 13.

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
ENERGY				
AB 239 <i>Assemblywoman Marilyn K. Kirkpatrick (D)</i> Proposes to address eligibility for energy related tax incentives. Makes various changes relating to energy.	✓			Failed upon adjournment

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AB 391 <i>Assemblyman Skip Daly (D)</i> Proposes to address the use of incentives on certain renewable energy systems. Revises various provisions relating to energy.	✓	✓	✓	Vetoed [veto message]
LAND USE				
NATURAL RESOURCES				
AB 461 <i>Ways And Means</i> Proposes to govern the management of sagebrush ecosystems. Establishes the Sagebrush Council.	✓	✓		Failed upon adjournment
AB 483 <i>Natural Resources, Agriculture, And Mining</i> Proposes to limit fees the State Engineer can collect for certain applications to appropriate water for wildlife management purposes.	✓	✓	✓	Signed by Governor
SB 299 <i>Senator James Arnold Settlemeyer (R)</i> Proposes to revise provisions governing falconry.	✓			Failed crossover deadline
SB 333 <i>Senator Scott Hammond (R)</i> Proposes to revise provisions relating to wildlife, game preserves, and hunting of certain game species.	✓			Failed crossover deadline
OTHER				
WASTE				
AB 269 <i>Assemblywoman Melissa Woodbury (R)</i> Proposes to require the State Environmental Commission to adopt regulations relating to Class I, II, and III disposal sites for solid waste.	✓			Failed crossover deadline
WATER				
AB 301 <i>Assemblyman James Oscarson (R)</i> Proposes to require the Legislative Committee on Public Lands to conduct a study concerning water conservation and alternative sources of water for Nevada communities.	✓	✓		Failed upon adjournment
AB 396 <i>Assemblyman David Bobzien (D)</i> Proposes to address public access to waters of this state.	✓			Failed crossover deadline

Department of Defense Activity

ENERGY

FEDERAL AGENCIES RELEASE ENERGY AND SUSTAINABILITY PERFORMANCE UPDATES As part of the Obama Administration's initiative to reduce energy use, pollution, and waste, and to save money, on 31 MAY 13, [federal agencies released annual updates](#) that show significant progress toward energy and sustainability goals. Under [Executive Order 13514](#), President Obama directed federal agencies to reduce their carbon pollution, increase

renewable energy use, and meet energy and water efficiency goals. Annual performance updates document agencies' progress and help them to improve their energy efficiency and reduce costs and waste in their operations. Refer to the [DoD Sustainability/Energy Scorecard for 2012](#) for details.

DoD RENEWABLE ENERGY PROJECT MAP The U.S. Army Corps of Engineers released a [DoD Renewable Energy Project Viewer](#). The viewer is an interactive map that shows DoD renewable energy projects. At the time of publication, the viewer is current through 2010.

HAZARDOUS CHEMICALS

EMERGING CONTAMINANTS WATCH LIST Three chemicals were added to the DoD's [Materials of Evolving Interest Team \(MERIT\) Emerging Contaminants](#) Watch List and one chemical on the list was selected for re-assessment. The chemicals are:

- 5-nitro-1,2,4-triazol-3-one (NTO),
- 2,4-dinitroanisole (DNAN),
- n-nitrosodimethylamine (NDMA), and
- 1,4-dioxane

NTO and DNAN are components of safer, drop-in replacements for traditional explosives. NDMA was used in the manufacture of rocket fuel, and can be produced during the chlorination of wastewater. The chemical 1,4-dioxane, which is currently on the watch list, is an ingredient in deicing fluids, antifreeze, cleaners, solvents, lubricants, and inspection penetrant removers used by the DoD. For more information, contact [Drew Rak](#) at (443) 558-5010.

NATURAL RESOURCES

JOINT BASE LEWIS MCCORD: REPI GRANT Joint Base Lewis-McChord (JBLM) was the recipient of a [Readiness and Environmental Protection Integration \(REPI\) Challenge Grant](#). This \$3.5M grant supports JBLM's [Army Compatible Use Buffer \(ACUB\) Program](#) by financing its [partnerships](#) for habitat protection with the U.S. Fish and Wildlife Service (FWS); U.S. Department of Agriculture Natural Resources Conservation Service; Thurston County, Washington; the state of Washington; and private landowners. The grant will be used to protect more than 2,000 acres of off-post candidate endangered species habitat to help relieve potential restrictions on-post in JBLM maneuver areas.

AIR FORCE GUIDANCE TO STREAMLINE ENVIRONMENTAL REVIEWS The Air Force [announced](#) program guidance to streamline the environmental impact analysis process under the National Environmental Policy Act (NEPA). The guidance standardizes approaches and emphasizes early interdisciplinary planning, promotes coordination, and implements consistent processes to achieve timely decisions. The goal of program is to accelerate the formal NEPA review process to six months or less for environmental assessments and 12 months for environmental impact statements. The new guidance and other current information on the Environmental Impact Analysis Program is available on the Air Force [eDASH website](#) for users with a common access card (CAC) using a ".mil" domain. For more information, contact the Air Force NEPA Center at (210) 395-8448.

Federal Activity

MEDIA-SPECIFIC REGULATIONS BY STATE A new [website](#) provides access to media-specific regulations by state. It provides complete listings of state and federal regulations on selected environmental topics along with individual state contacts, information, and permits for downloading. The website was developed by the [National Center for Manufacturing Sciences](#). Funding for this project is provided by [EPA](#) under the [National Compliance Assistance Centers](#) program.

REVISIONS TO LEAD REPORTING THRESHOLD - POINT SOURCES EPA is proposing to lower the current reporting threshold for sources of lead emissions to report as point sources ([78 FR 37164](#)). The reporting threshold is applicable to state, local, and tribal agencies as outlined in EPA's [Air Emissions Reporting Requirements rule](#) (AERR). The current AERR threshold for determining if a stationary source of lead emissions must be reported as an individual point source, rather than as part of a county-aggregate nonpoint source, is five tons per year (tpy). EPA is proposing to lower the AERR emissions reporting threshold for lead emitters to one-half tpy. EPA expects that approximately 30 additional facilities nationwide would be required to report as point sources due to this change, since most of the sources emitting lead greater than one-half tpy already report as point sources due to their emissions of other criteria pollutants. Comments are due 19 AUG 13. For more information, contact [Ron Ryan](#) at (919) 541-4330.

SIP REQUIREMENTS FOR 2008 OZONE NAAQS EPA issued a notice of proposed rulemaking to implement the 2008 ozone NAAQS ([78 FR 34177](#)). The proposed rule addresses a range of SIP requirements for the 2008 ozone NAAQS, including requirements pertaining to attainment demonstrations, reasonable further progress, reasonably available control technology, reasonably available control measures, new source review requirements in nonattainment areas, emission inventories, the timing of SIP submissions, and compliance with emission control measures in the SIP. Other issues also addressed in the proposed rule are the revocation of the 1997 ozone NAAQS and anti-backsliding requirements that would apply when the 1997 ozone NAAQS is revoked. A public hearing was held 25 JUN 13. Comments are due 5 AUG 13. For more information, contact [Karl Pepple](#) at (919) 541-2683.

CALIFORNIA TRU RULES WITHIN THE SCOPE OF EXISTING AUTHORIZATION EPA issued a determination that amendments promulgated by CARB are within the scope of an existing authorization for California's in-use diesel-fueled transport refrigeration unit (TRU) regulations ([78 FR 38970](#)). Petitions for review are due 27 AUG 13. For more information, contact [Brenton Williams](#) at (734) 214-4341.

CALIFORNIA SIP: SAN DIEGO NONATTAINMENT AREA EPA approved a revision to the California SIP that redesignates the San Diego County ozone nonattainment area to attainment for the 1997 ozone NAAQS ([78 FR 33230](#)). EPA also approved the state's plan for maintaining the 1997 ozone standard in San Diego County for ten years beyond redesignation, the inventories, and related motor vehicle emissions budgets. This final rule was effective 5 JUL 13. For more information, contact [John Ungvarsky](#) at (415) 972-3963.

CALIFORNIA SIP: SAN DIEGO VOC EMISSIONS EPA is taking direct final action to approve a revision to the California SIP concerning VOC emissions from architectural coatings ([78 FR 37130](#)). The agency is approving local rules regulating this emission source. The final rule is effective 19 AUG 13 without further notice unless the agency receives adverse comment by 22 JUL 13. For more information, contact [Nicole Law](#) at (415) 947-4126.

CALIFORNIA SIP: SOUTH COAST PM2.5 EPA is proposing to approve revisions to the South Coast portion of the California SIP ([78 FR 37741](#)). The revisions address fine particulate (PM2.5) NAAQS in the Los Angeles-South Coast air basin. Comments are due 24 JUL 13. Final approval of the SIP revision would terminate the sanctions clock and a Federal Implementation Plan (FIP) clock. In a related action, the agency is proposing to defer sanctions pending final approval of the proposed SIP revisions ([78 FR 37719](#)). The deferral is effective 24 JUN 13. For more information, contact [Doris Lo](#) at (415) 972-3959.

CALIFORNIA SIP: SOUTH COAST PM10 EPA is approving California SIP revisions that redesignate the Los Angeles-South Coast Air Basin (South Coast) to attainment for the 24-hour coarse particulate (PM10) NAAQS ([78 FR 38223](#)). EPA is also approving the PM10 maintenance plan and associated PM10 motor vehicle emissions budgets for use in transportation conformity determinations necessary for the South Coast PM10 area. Finally, EPA is approving the attainment year emissions inventory. The final rule is effective 26 JUL 13. For more information, contact [Wienke Tax](#) at (415) 947-4192.

CLIMATE CHANGE

CARBON SEQUESTRATION POTENTIAL The U.S. Geological Survey (USGS) [released](#) the results of an assessment the agency conducted of the potential for carbon dioxide (CO₂) storage in the U.S. The agency found that the U.S. could sequester as much as 3,000 metric gigatons of CO₂. The survey assessed carbon capture and storage (CCS) opportunities in 36 geologic basins and found the largest potential is in the Coastal Plains region in the Southeast, which accounts for 65% of the identified storage. Two other areas with significant storage capacity include Alaska and the Rocky Mountains/Northern Great Plains region. The study did not consider the costs of installing CCS, or access to the sequestration basins due to land management or regulatory restrictions. The study was released one day after President Obama announced a national climate plan that includes a directive for EPA to set power plant emissions limits for both new and existing facilities via new source performance standards (NSPS) that could mandate some form of carbon capture and storage.

ENERGY

eGALLON DOE [announced](#) a new website that allows consumers to compare the costs of fueling electric vehicles versus driving using gasoline. The [eGallon website](#) provides a metric that is easily comparable to the traditional gallon of unleaded fuel. That comparison is made by calculating how much it would cost to drive an electric vehicle the same distance as a similar conventional vehicle on a gallon of gasoline.

TRANSFORMING OUR NATION'S ELECTRIC GRID THROUGH IMPROVED SITING, PERMITTING, AND REVIEW - PRESIDENTIAL MEMORANDUM President Obama signed a new [Presidential memorandum](#) titled "Transforming our Nation's Electric Grid Through Improved Siting, Permitting, and Review." The memorandum addresses interagency cooperation in improving the siting, permitting, and review processes for all electric transmission projects, both onshore and offshore, requiring federal approval. The memo builds on the work of the previously created [Rapid Response Team for Transmission](#). The memo discusses designation of energy right of way corridors, and notes the desirability of minimizing impacts to the nation's aviation system and to the mission of the Armed Forces.

REGULATION OF FUELS AND FUEL ADDITIVES EPA is proposing amendments to three separate sets of regulations relating to fuels ([78 FR 36041](#)). Proposed changes include:

- Amending certain renewable fuels standard program regulations to include:
 - addition of new pathways for renewable diesel, renewable naphtha, and renewable electricity (used in electric vehicles) produced from landfill biogas;
 - a lifecycle analysis of advanced butanol and discussion of the potential to allow for commingling of compliant products at the retail facility level; and
 - various changes related to biogas, including changes related to the revised compressed natural gas (CNG)/liquefied natural gas (LNG) pathway and associated recordkeeping/reporting provisions.
- Various changes to the [E15](#) misfueling mitigation regulations ([40 CFR Part 80, Subpart N](#)); and
- Changes to the survey requirements associated with the ultra-low sulfur diesel (ULSD) program.

Comments are due 15 JUL 13. For more information, contact [Joseph Sopata](#), (202) 343-9034.

HYDRAULIC FRACTURING ON FEDERAL LAND The Bureau of Land Management (BLM) extended the public comment period on the [24 MAY 13](#) revisions to its original [2012 proposed rule](#) to regulate hydraulic fracturing on federal and Indian land ([78 FR 34611](#)). Comments are due 23 AUG 13.

U.S. SENATE BILL S.1100 would repeal Section 526 of the 2007 Energy Independence and Security Act that prohibits the federal government, including the U.S. military, from purchasing transportation fuel produced from coal, oil shale, and oil sands. Introduced 6 JUN 13.

THREATENED & ENDANGERED SPECIES

GRAY WOLF DELISTING AND MEXICAN WOLF LISTING - PROPOSED RULEMAKING FWS is proposing to remove the gray wolf (*Canis lupus*) from the List of Endangered and Threatened Wildlife and to maintain endangered status for the Mexican wolf by listing it as a subspecies (*Canis lupus baileyi*) (78 FR 35663). The agency also completed a status review of *C. lupus* in the Pacific Northwest, and determined that it is not a listable entity. Comments are due 29 JUL 13. For more information, contact FWS Ecological Services Department at (703) 358-2171.

FRANCISCAN MANZITA FWS reopened the public comment period for its [proposed designation of critical habitat](#) for Franciscan manzita (*Arctostaphylos franciscana*) and announced the availability of a draft economic analysis and an amended determinations section of the proposal (78 FR 38897). In addition, the agency corrected a mapping error and added 73 acres of critical habitat in San Francisco. Comments are due 29 JUL 13. For more information, contact Karen Leye at (916) 414-6600.

RECOVERY PLAN FOR THE NORTH PACIFIC RIGHT WHALE The Nation Marine Fisheries Service (NMFS) announced the adoption and availability of the final [Recovery Plan for the North Pacific right whale](#). NMFS stated that the status of North Pacific right whales is unknown, and that the primary purpose of the recovery plan is to provide a research strategy to obtain data necessary to determine distribution and estimate population abundance, trends, and structure, and to identify factors that may be limiting North Pacific right whale recovery. NMFS stated that considering the rarity of North Pacific right whales in the Navy's operating areas; the low frequency of Navy operations in Gulf of Alaska, the Pacific Northwest, and Hawaii; the short duration of many Navy training activities; and the mitigation procedures the Navy follows, NMFS believes these activities have a low potential to adversely affect North Pacific right whales. The [Final Recovery Plan](#) is available on the NMFS website.

TOXICS

REPLACING MERCURY-CONTAINING NON-FEVER THERMOMETERS EPA released a guide on [replacing mercury-containing non-fever thermometers](#). The guide provides federal agencies with information to help them identify and replace mercury-containing non-fever thermometers in their facilities with mercury-free thermometers. The guide is also intended to help federal agencies safely dispose of the removed thermometers. For more information, contact Robert Courtnage at (202) 566-1081.

TRI REPORTING - ADDITION OF NONYLPHENOL CATEGORY EPA is proposing to add a nonylphenol category to [toxic release inventory \(TRI\) reporting rules](#) (78 FR 37176). Nonylphenol is mainly used in the manufacture of nonylphenol ethoxylates, which are nonionic surfactants used in a wide variety of industrial applications and consumer products. Nonylphenol is persistent in the aquatic environment, moderately bioaccumulative, and extremely toxic to aquatic organisms. EPA does not appear to be proposing a special (lower) reporting threshold for nonylphenol; therefore, reporting thresholds would be 10,000 pounds (otherwise used at a facility) or 25,000 pounds if manufactured, imported, or processed at a facility. For more information, contact [Daniel Bushman](#) at (202) 566-0743.

WATER

ALTERNATIVE TEST PROCEDURES FOR DRINKING WATER CONTAMINANT ANALYSIS EPA approved 84 alternative methods for various drinking water analyses (78 FR 32558). The new methods are listed along with other previously expedited methods in [40 CFR Part 141 Appendix A to Subpart C](#) and on [EPA's drinking water methods website](#). For more information, contact [Glynda Smith](#) at (513) 569-7652.

NATIONAL STANDARDS ON RAINWATER AND STORMWATER HARVESTING The American Society of Plumbing Engineers and the American Rainwater Catchment Systems Association are developing an [American national standard on stormwater harvesting](#) systems. The new standard will establish requirements for designing post-construction alternative stormwater systems in lieu of potable water systems for new and redeveloped projects, including source control methods, site design parameters, stormwater treatment methods, and system maintenance. This standard

complements a draft [rainwater collection guide](#) for rooftop harvesting of rainfall also under development. The standards, when final, will be part of the plumbing code.

BALLAST WATER DISCHARGE REPORTING The U.S. Coast Guard is proposing to amend its existing [ballast water management](#) (BWM) reporting and recordkeeping requirements ([78 FR 33744](#)). This action would expand reporting requirements to certain vessels previously exempt from these rules. Vessels with ballast tanks operating exclusively on voyages between ports or places within a single Captain of the Port (COTP) Zone would be required submit an annual report of their BWM practices. The Coast Guard is also proposing to simplify reporting requirements. DoD or Coast Guard vessels are exempt and are subject to [46 U.S.C. 4713](#), and the "Uniform National Discharge Standards for Vessels of the Armed Forces" (UNDS) ([33 U.S.C. 1322\(n\)](#)). Comments are due 5 AUG 13. For more information, contact [Rodney Wert](#) at (202) 372-1434.

Professional Development

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER - [FedCenter.gov](#)

[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](#);
- 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.

22-23 JUL 12, SAN DIEGO, CA [3rd Bi-Annual Energy Development on Tribal Lands](#) Learn how to navigate the legal and cultural complexities associated with the development of renewable energy projects on tribal lands.

5-6 AUG 13, WASHINGTON, DC [The American Energy Security Summit](#) Hosted by the [United States Leadership Forum](#), the conference features top government and industry leaders, providing the latest details on federal energy priorities, programs, and contracts, featuring the Departments of Defense, Energy, Agriculture, Veterans Affairs, and other federal agencies. Topics include state government and local government energy priorities, programs, and contracts; energy efficiency priorities, including achieving net zero installations and advanced lighting solutions; and clean energy priorities, including biofuels for jets and electric and natural gas-powered ground transportation.

VARIOUS DATES AND TIMES ONLINE

25 JUL 13, GENERAL SERVICES ADMINISTRATION (GSA) CARBON FOOTPRINT TOOL - [Live Demonstration of New Features](#) This presentation will highlight GSA Carbon Footprint Tool basics as well as the new Energy Star Portfolio Manager Import functionality.

***8 AUG 13, RENEWABLE ENERGY PROJECTS ON FEDERAL LANDS: A PRACTICAL GUIDE AND EXAMPLES** This [webinar](#) will present a practical guide developed by the DOE's Federal Energy Management Program (FEMP) to navigate the complexities of developing large renewable energy projects at Federal Facilities and attracting the necessary capital to complete them. The guide is available from the [DOE FEMP website](#).

***22 OCT 13, INTRODUCTION TO UTILITY ENERGY SERVICE CONTRACTS (UESC)** This [Federal Energy Management Program \(FEMP\) UESC Webinar](#) provides attendees with an overview of the contracting options and services available from their local utility companies to engineer, finance, and install cost-effective energy and water savings projects. Participants are walked through the typical project process from the audit phase to commissioning the equipment. This webinar introduces participants to UESCs and helps them determine if this alternative financing opportunity is right for them.

***UTILITY ENERGY PROJECT INCENTIVE FUNDS** This FEMP course teaches federal agencies about financing the capital costs of energy improvement projects from savings generated through energy efficiency measures funded by utilities, public benefit funds, and other resources. This training opportunity targets federal energy, environmental, and fleet professionals and is offered at no cost by leading experts. [The training session is delivered live via satellite or through streaming media at your desktop.](#)

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. Presentations include: [From Icefield to Ocean: Impacts of Glacier Change in Alaska](#); [Fish Habitat and Climate Change](#); [Impacts of Climate Change and Melting Glaciers on Coastal Ecosystems in the Nearshore Waters of the Gulf of Alaska](#); [Climate Change in Higher Elevation Ecosystems](#); and [Can Camouflage Keep up with Climate Change](#).

Production Tax Credit Extension, Process, and Impacts Webinar This webinar featured Paul Holshouser of the American Wind Energy Association and Jon Chase from Vestas, who provided an insiders' perspective of the last-minute Production Tax Credit extension, including details about how this extension differs from past extensions, current status of the rule implementation, and the potential impacts on the wind industry.

Water's Impact on the Energy Sector This webinar featured Stacy Tellinghuisen, senior energy/water policy analyst at Western Resource Advocates, who shared 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.

READINESS AND ENVIRONMENTAL PROTECTION INITIATIVE – 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. For detailed webinar descriptions please visit the [REPI website](#).

DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS The U.S. Army offers numerous environmental training courses. Information on training providers and fiscal year class schedules are available on the [US Army Environmental Command \(AEC\) website](#).

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.

EPA Sustainable Materials Management Academy Learn about key issues, successful projects, and a variety of best management practices for creating waste management programs. 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.

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL (ITRC) INTERNET BASED TRAINING 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 via the Internet 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.

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.

NATIONAL ENFORCEMENT TRAINING INSTITUTE EPA environmental enforcement training opportunities are offered (e-learning, classroom, and webinar) for federal, state, tribal and local government environmental enforcement professionals.

USACE PROSPECT TRAINING USACE announces its FY13 PROSPECT training program. Please see the [Course Catalog \(a.k.a. Purple Book\)](#) and [List of Classes and schedule](#) for details. Courses are open to all federal, state, county and city employees and contractors. There are different registration processes for each entity.

NAVY AND ISEERB ENVIRONMENTAL TRAINING FY13 The Navy and the Interservice Environmental Education Review Board (ISEERB) Environmental Training schedule for FY13 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 FY13 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. Fees may vary.

An * indicates the first time a training or professional development opportunity appears in the Review.

How the Regional Offices Work for You

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

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

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

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

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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
ADWM	Arizona Department of Weights and Measures
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
CAIR	Clean Air Interstate Rule
CAMR	Clean Air Mercury Rule
CalEPA	California Environmental Protection Agency
CARB	California Air Resources Board
CaRFG3	phase 3 California reformulated gasoline
CBAR	California Bureau of Automotive Repair
CDC	California Department of Conservation
CDFG	California Department of Fish and Game
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
CH₄	methane
CNOR	candidate notice of review
CO₂	carbon dioxide
CO₂e	carbon dioxide equivalent
COAL	California Office of Administrative Law
COE	Army Corps of Engineers
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
CX	categorical exclusion
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
EIO	Energy Initiatives Office
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
HID	high intensity discharge
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
N₂O	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
NF₃	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
NO₂	nitrogen dioxide
NO_x	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NRC	Nuclear Regulatory Commission
NSEC	Nevada State Environmental Commission
NSPS	New Source Performance Standard
NSR	New Source Review
OMB	Office of Management and Budget
ORCR	Office of Resource Conservation and Recovery
ORW	outstanding resource water
P2	pollution prevention
PBDE	polybrominated diphenyl ethers
PFC	perfluorocarbons
PFOA	perfluorooctanoic acid
PFOS	perfluorooctane sulfonic acid
PM	particulate matter
PM_{2.5}	particulate matter 2.5 microns in diameter or less
PM₁₀	particulate matter 10 microns in diameter or less
POPs	persistent organic pollutants
ppb	parts per billion
PSD	Prevention of Significant Deterioration
PWS	public water system
RCRA	Resource Conservation and Recovery Act
RICE	Reciprocating Internal Combustion Engine
RoC	Report on Carcinogens
RoHS	European Union's Restriction of Hazardous Substances
RRP	Renovation, Repair, and Painting
SERDP	Strategic Environmental Research and Development Program
SI	spark-ignition
SIP	state implementation plan
SNAP	significant new alternatives policy
SNUR	significant new use rule
SO₂	sulfur dioxide
SO_x	sulfur oxides
SPCC	spill prevention, control, and countermeasures
TiO₂	titanium dioxide
TMDL	total maximum daily load
tpy	tons per year
TRI	Toxics Release Inventory
TSCA	Toxic Substance Control Act
UFC	Unified Facilities Criteria
ug/m³	micrograms per cubic meter
U.S.	United States
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
WRAP	Western Regional Air Partnership