



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

January 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.reese2@us.army.mil.



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Western Energy Strategy and Policy

In his keynote address at the [Utah Energy Development Summit](#) this month, James D. Ogsbury, Executive Director of the Western Governors' Association (WGA), emphasized state leadership on energy issues.

In Utah, Gov. Gary Herbert's [10-Year Strategic Energy Plan](#) represents a legitimate "all-of-the-above energy strategy," Ogsbury said. "The plan, which includes specific proposals, policies and recommendations, synthesizes and balances Utah's economic development objectives and its critical environmental protection goals."

Similarly, the WGA is developing a 10-year regional energy strategy for the Western U.S. The intent is to create a dynamic template for the pursuit of regional energy policies. Although the WGA strategic energy plan is expected to be complete in mid 2013, several states are proceeding with energy plans and initiatives.

- Gov. Matt Mead of Wyoming is developing an energy plan that calls for streamlined energy regulations and a program of energy education in the public schools.
- Gov. John Kitzhaber of Oregon released his [10-Year Energy Action Plan](#) in 2012. It calls on the state to meet new electric load growth through efficiency and conservation measures over the next 10 years and for the conversion of 20% of large fleets to alternative-fuel vehicles.
- Gov. Butch Otter of Idaho oversaw development of the WGA's policy paper on the future role of nuclear energy in the West. The paper includes state strategies to pursue new methods for advanced nuclear energy production.
- Arizona Gov. Jan Brewer's Office of Energy Policy is administering the Arizona Renewable Energy Tax Incentive Program. The program is designed to stimulate new investments in manufacturing and headquarter operations of renewable energy companies.

For more information, visit the Western Governors' Association website at www.westgov.org.

Region 9

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



AIR

MARICOPA COUNTY: SUPPLEMENTAL ENVIRONMENTAL PROJECTS The Maricopa County Air Pollution Control District issued a substantive policy statement on the department's approach to enforcement. The policy establishes a framework within which proposals for Supplemental Environmental Projects (SEPs) may be considered and which are in lieu of penalties assessed through an enforcement action. It provides procedures and standards for determining whether a SEP is appropriate and feasible, and a mechanism for developing a library of pre-approved concepts for SEPs. For more information, contact Jo Crumbaker at (602) 506-6705. The notice is available at http://www.azsos.gov/public_services/Register/2012/48/policy.pdf.

MARICOPA COUNTY: SELF-REPORTING OF VIOLATIONS The Maricopa County Air Pollution Control District issued a substantive policy statement on the department's response to self-reporting of violations. The policy is intended to promote self reporting of violations by providing for mitigation of all or a portion of civil penalties for violations that are voluntarily discovered and promptly disclosed and corrected. For more information, contact Jo Crumbaker at (602) 506-6705. The notice is available at http://www.azsos.gov/public_services/Register/2012/48/policy.pdf.

OTHER

MILITARY INSTALLATION FUND The Arizona Department of Emergency and Military Affairs is proposing to expand the list of authorized uses of Military Installation Fund monies to include construction, demolition, and management. Amending these rules will allow the department to use the Military Installation Fund to acquire and maintain properties for the purpose of preserving military installations through the management and disbursement of funds. A public hearing was held December 27, 2012. For more information, contact John Burk at (602) 267-2732 or at John.Burk@azdema.gov. The notice of proposed rulemaking is available at http://www.azsos.gov/public_services/Register/2012/47/proposed.pdf#page=12.

ARIZONA STATE TRUST LAND AMENDMENT, PROPOSITION 119 (2012) In the November elections, Arizona voters approved Proposition 19, which implements [Senate Concurrent Resolution \(SCR\) 1001 \(2012\)](#). The proposition authorizes land exchanges between the State Land Department and the federal Government that either improves the management of the state lands for the purpose of sale or lease or conversion to public use or that protects military facilities.

LEGISLATIVE DEVELOPMENTS

The 2013 Arizona legislative session began January 14, 2013 and adjourns May 25, 2013. For additional information on the Arizona legislature, go to <http://www.azleg.state.az.us>.



AIR

LOW CARBON FUEL STANDARD The California Air Resources Board (CARB) adopted amendments to the Low Carbon Fuel Standard (LCFS) regulation. The revisions address reporting requirements; adopt by reference a greenhouse gas (GHG) emissions estimator computer model; and make other clarifying changes. The final rule was effective November 26, 2012. For more information, contact Aubrey Sideco at (916) 324-3334. The rulemaking website is available at <http://www.arb.ca.gov/regact/2011/lcfs2011/lcfs2011.htm>.

MOJAVE: EMISSION REDUCTION CREDITS The Mojave Air Quality Management District is proposing to adopt new rule 1406 (Generation of Emission Reduction Credits for Paving Unpaved Public Roads). The rule would codify existing practice and formula for calculation of coarse particulate matter (PM10) emission reductions from the paving of unpaved public roads. The proposed adoption is intended to allow such calculated PM10 credits to be federally approvable for use as offsetting emissions reductions for new or modified major facilities subject to the offset requirements of District Regulation XIII - New Source Review. Comments are due January 22, 2012. For more information, contact Alan De Salvo at (760) 245-1661. The notice of proposed rulemaking is available at http://www.statescape.com/ssu/Regs/ss_8588506812168629302.pdf#page=33. The rule text is available at http://www.statescape.com/RegsText/StaticDownloads/64447_96276.pdf.

SAN DIEGO: REDESIGNATION REQUEST The San Diego County Air Pollution Control District is requesting that the CARB petition the U.S. Environmental Protection Agency (USEPA) to redesignate the San Diego County ozone nonattainment area to attainment for the 1997 ozone National Ambient Air Quality Standards (NAAQS). A public hearing was held December 5, 2012. For more information, contact Robert Reider at (858) 586-2640. The notice of public hearing is available at <http://www.statescape.com/Search/GetReport.aspx?pageid=regs>.

ENDANGERED SPECIES

TOWNSEND'S BIG-EARED BAT The California Fish and Game Commission received a petition to list the Townsend's big-eared bat (*Corynorhinus townsendii*) as threatened or endangered under the California Endangered Species Act. The petition has been forwarded to the California Department of Fish and Game for evaluation and recommendation. The commission may act on the petition as soon as March 2013. For more information, contact Eric Loft at (916) 445-3555. The notice of receipt of petition is available at <http://www.oal.ca.gov/res/docs/pdf/notice/48z-2012.pdf#page=31>.

OTHER

EMERGENCY FEE REGULATION: WATER RIGHTS The California State Water Resources Control Board adopted emergency fee regulations that modify the water rights fee schedule to add registration filing, renewal, and petition fees, and adjust the caps on application and petition filing fees based on the consumer price index. The emergency fee expires May 14, 2013. For more information, contact Robert Rinker at (916) 322-3143. The final fee regulation is available at http://www.statescape.com/RegsText/StaticDownloads/65602_98638.pdf.

TOXICS

Safer Consumer Products The California Department of Toxic Substances Control is proposing to adopt regulations to establish a process by which chemicals or chemical ingredients in consumer products may be identified and prioritized for consideration as being Chemicals of Concern, referred to as the Safer Consumer Products Regulation. The department released a revised initial statement of reasons for public comment. Comments are due January 24, 2013. The regulations would be codified at Title 22, Division 4.5, Chapter 5 of the California Code of Regulation

(CCR). For more information, contact Odette Madriago at (916) 323-4927. The rulemaking website is available at <http://www.dtsc.ca.gov/SCPRegulations.cfm>.

WATER

PUBLIC HEALTH GOAL (PHG): PERCHLORATE IN DRINKING WATER The California Office of Environmental Health Hazard Assessment (COEHHA) has announced the availability of the revised draft technical support document for a proposed updated PHG for perchlorate in drinking water. Comments are due January 22, 2012. A public hearing is scheduled for January 25, 2012. For more information, contact Michael Baes at (510) 622-3170 or at mbaes@oehha.ca.gov. The notice of public hearing is available at <http://www.oal.ca.gov/res/docs/pdf/notice/49z-2012.pdf#page=23>. Additional information about the perchlorate PHG is available at <http://www.oehha.ca.gov/water/phg/120712Perchlorate.html>.

DISCHARGE PERMIT FOR AQUATIC WEED PESTICIDE APPLICATION The California State Water Resources Control Board is proposing to adopt a revised National Pollutant Discharge Elimination System (NPDES) permit authorizing discharges resulting from the application of pesticides for aquatic weed control. This action would adopt the draft permit titled *Statewide General NPDES Permit for Residual Aquatic Pesticide Discharges to Waters of the United States from Algae and Aquatic Weed Control Applications* (General Permit CAG 90005). The revisions change the application procedure, add receiving water limitations, add receiving water monitoring triggers, and add standard and special provisions. A public hearing is scheduled for February 19, 2013. For more information, contact Jenny Chen at (916) 341-5570 or at hjchen@waterboards.ca.gov. The notice of public hearing is available at http://www.statescape.com/ssu/Regs/ss_8588464590884860894.pdf. Additional information is available at http://www.waterboards.ca.gov/water_issues/programs/npdes/aquatic.shtml. A summary of changes is available at http://www.waterboards.ca.gov/water_issues/programs/npdes/docs/aquatic/weedpermitchanges.pdf.

POLICY FOR ONSITE WASTEWATER TREATMENT SYSTEMS The California State Water Resources Control Board adopted a water quality control policy for siting, design, operation, and maintenance of onsite wastewater treatment systems (OWTS). The regional water quality control boards are required to incorporate the standards established in this policy (or more protective standards) within 12 months of the effective date. The policy adopts a tiered approach for the regulation and management of OWTS installations and sets the performance and protection standards. The rule policy was effective November 13, 2013. For more information, contact Jeanie Mascia at (916) 323-2871. The policy is available at http://www.statescape.com/RegsText/StaticDownloads/65601_98636.pdf.

SACRAMENTO-SAN JOAQUIN DELTA PLAN POLICIES The Delta Stewardship Council is proposing to implement the policies in the Sacramento-San Joaquin Delta Plan. Implementation of Delta Plan policies would provide the means to achieve the coequal goals of providing more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. A public hearing is scheduled for January 24, 2012. For more information, contact Cindy Messer at (916) 445-0258 or at cindy.messer@deltacouncil.ca.gov. The notice of proposed rulemaking is available at <http://www.oal.ca.gov/res/docs/pdf/notice/48z-2012.pdf#page=23>.

LEGISLATIVE DEVELOPMENTS

The 2013 California legislative session began January 3, 2013. September 13, 2013 is the last day for each house to pass bills. Bills from 2013 carry over to the 2014 session. For additional information on the legislative session, go to <http://www.leginfo.ca.gov/>.



CLIMATE CHANGE

GHG Permitting Rules The Hawaii Department of Health (HDOH), Clean Air Branch extended the public comment period on its proposed draft permitting rules for GHG emissions. The proposed rules would implement [House Bill 226 \(2007\)](#) and are based on the federal [GHG Tailoring Rule](#), but include some additional requirements. This rule includes annual GHG emission fees for covered sources. The draft rules were issued May 2012. A proposed rule overview was released September 2012. Public hearings were held November 28, 29, and 30, 2012. This action extended the public comment period (originally December 7, 2012) to January 14, 2013. The notice of proposed rulemaking and draft rule is available at <http://hawaii.gov/health/environmental/air/cab/index.html>. The draft rule is available directly at http://co.doh.hawaii.gov/sites/cab/draft/proposed_airrules_05_04_12.pdf. An overview of the proposed rule is available at http://hawaii.gov/health/environmental/air/cab/cab_misc_pdf/ghgrules_overview_highlights.pdf. Information about the proposed rule, including the anticipated schedule of rule adoption is available at http://hawaii.gov/health/environmental/env-planning/HEF/5_GhG_rules.pdf. The notice of comment period extension is available at <http://hawaii.gov/health/about/proposed/cab/index.html>.

WATER

PESTICIDE GENERAL PERMIT The HDOH adopted a new NPDES General Permit for discharges from the application of pesticides to state waters. This action amends Hawaii Administrative Rules (HAR) Title 11, Chapter 55, Appendix M. Coverage under the permit can be obtained by submitting a Notice of Intent (NOI) and permit application fee. The final permit was effective October 22, 2012. For more information, contact Darryl Lum at (808) 586-4309. The notice of proposed rulemaking is available at http://www.statescape.com/RegsText/StaticDownloads/56444_81321.pdf. The final rule is available at http://www.statescape.com/RegsText/StaticDownloads/56444_98857.pdf. Additional information is available at <http://hawaii.gov/health/environmental/water/cleanwater/pubntcs/index.html>.

2012 LIST OF ASSESSED WATERBODIES The HDOH released the draft report titled *2012 State of Hawaii Water Quality Monitoring and Assessment Report* for public comment. Comments are due February 15, 2013. The report describes the overall water quality statewide and the extent that water quality provides for protection of wildlife and recreation. The notice of public comment period is available at http://www.statescape.com/ssu/Regs/ss_8588457596868490043.doc. The report is available at <http://hawaii.gov/health/environmental/water/cleanwater/about/pubntcs/integrated%20draft%20report/IntegratedReport.pdf>.

TECHNOLOGY AND WATER QUALITY BASED EFFLUENT LIMITATIONS The HDOH is seeking comment on its proposal to implement technology and water quality based effluent limitation in its NPDES permits. This action would amend HAR Chapter 11-54 (Water Quality Standards) and HAR 11-55 (Water Pollution Control). After the public comment period, the HDOH intends to submit a request for Clean Water Act, Section 303 approval to the USEPA, Region 9. Comments were due December 30, 2012. For more information, contact Darryl Lum at (808) 586-4309. The notice of public comment period is available at http://www.statescape.com/RegsText/StaticDownloads/65722_98854.pdf.

LEGISLATIVE DEVELOPMENTS

The 2013 Hawaii legislative session began January 16, 2013 and adjourns May 2, 2013. Bills from 2013 carry over to the 2014 session. For additional information on the Hawaii legislature, go to <http://www.capitol.hawaii.gov/sessioncurrentbills>.

In addition, the 2013 Guam legislative session began January 2, 2013 and adjourns December 28, 2013. For additional information about the Guam legislature, go to <http://www.guamlegislature.com/>.



AIR

NAAQS NO₂ CERTIFICATION The Nevada Division of Environmental Protection (NDEP) is requesting comment on a proposed certification that the existing Nevada SIP is adequate for implementation of the 2010 nitrogen dioxide (NO₂) NAAQS. The NDEP's draft NO₂ plan demonstrates that Nevada's existing authority and programs meet the requirements of the Clean Air Act (CAA). Clark County and Washoe County have their own air quality agencies, which are responsible to meet NO₂ NAAQS for their respective counties. Comments were due January 15, 2013. For more information, contact Frank Forsgren at (775) 687-9364 or at fforsgre@ndep.nv.gov. The notice of public comment period is available at http://www.statescape.com/RegsText/StaticDownloads/66375_100213.pdf.

OTHER

GASOLINE DISPENSER LABELING FOR MANGANESE The Nevada Department of Agriculture is proposing to require gasoline retailers who sell gasoline that contains manganese or manganese compounds to label the gasoline dispensers with certain information. For more information, contact Jim Barbee at (775) 353-3600. The notice of proposed rulemaking is available at <http://www.leg.state.nv.us/register/2012Register/R189-12I.pdf>.

WATER

WATER QUALITY STANDARDS: LOHANTAN RESERVOIR The NDEP is proposing to review the water quality standards for Lahontan Reservoir in Nevada. The current standards were last updated in 1984. As part of a separate activity, the NDEP will review the Truckee River nutrient total maximum daily loads (TMDLs). A public workshop was held January 15, 2013. Comments are due February 15, 2013. For more information contact Randy Pahl at (775) 687-9453 or at rpahl@ndep.nv.gov. The notice of public comment period is available at http://www.statescape.com/RegsText/StaticDownloads/65995_99405.pdf.

LEGISLATIVE DEVELOPMENTS

The 2013 Nevada legislative session begins February 4, 2013 and adjourns June 3, 2013. For information on the Nevada legislature, go to <http://www.leg.state.nv.us>.

Department of Defense Activity

ACQUISITION, MANAGEMENT, AND USE OF NON-TACTICAL VEHICLES (NTVs) The DoD issued Department of Defense Instruction (DoDI) 4500.36 titled Acquisition, Management, and Use of Non-Tactical Vehicles (NTVs). The DoDI establishes policy, assigns responsibilities, and provides procedures for DoD-owned and DoD-controlled NTVs. The DoDI was effective December 11, 2012. A copy of DoDI 4500.36 is available at <http://www.dtic.mil/whs/directives/corres/pdf/450036p.pdf>.

Federal Activity

AIR

FIRE SUPPRESSANTS The USEPA withdrew part of its [September 19, 2012](#), direct final rule that listed C7 Fluoroketone as an acceptable (subject to narrowed use limits) substitute for Halon 1211 ([77 FR 74381](#)). This action was taken because the agency received adverse comment on its prior direct final rule. This withdraw was effective December 14, 2012. The other compounds approved in the September 19, 2012 rule are unaffected by this action. For more information, contact Bella Maranion at (202) 343-9749 or at maranion.bella@epa.gov.

DRAFT ASSESSMENT FOR LEAD The USEPA released the *Third External Review Draft Integrated Science Assessment for Lead* for public comment ([77 FR 70776](#)). The integrated science assessment (ISA) forms a foundation for the periodic review of the NAAQS for lead. The summary indicates that new studies support the findings of the previous (2006) assessment and provide additional evidence for human health effects at increasingly lower levels. Comments are due January 28, 2013. For more information, contact Ellen Kirrane at (919) 541-1340 or at kirrane.ellen@epa.gov.

EMISSION STANDARDS FOR BOILERS AND COMMERCIAL/INDUSTRIAL SOLID WASTE INCINERATORS In advance of publication in the Federal Register, the USEPA released the text of changes to final rules setting emission standards for major and area source boilers and commercial/industrial solid waste incinerators. There are three final rules, addressing area source boilers, major source boilers, and commercial/industrial solid waste incinerators. Boilers burning natural gas and located at area source facilities remain unregulated. For more information on area source boilers, contact Mary Johnson at (919) 541-5025 or at johnson.mary@epa.gov. For more information on major source boilers, contact Jim Eddinger at (919) 541-5426 or at edding.jim@epa.gov. Fact sheets for each of the rules and copies of the rule text are available at <http://www.epa.gov/airquality/combustion/actions.html>.

ARIZONA SIP/FIP The USEPA approved in part and disapproved in part revisions to the Arizona State Implementation Plan (SIP) for regional haze and promulgated a Federal Implementation Plan (FIP) for the disapproved elements of the SIP ([77 FR 72511](#)). This action was effective January 4, 2013. For more information, contact Thomas Webb at webb.thomas@epa.gov.

CALIFORNIA STATE MOTOR VEHICLE POLLUTION CONTROL STANDARDS The USEPA granted the CARB its request to confirm that amendments to California's heavy-duty vehicle and engine on-board diagnostic (HD OBD) requirements that relax the standards for 2010-2012 model year (MY) are within the scope of a previous waiver of preemption of the CAA ([77 FR 73459](#)). The amendments to the HD OBD requirements for MY 2013 and later are granted a new waiver of preemption. This notice was published December 10, 2012. For more information, contact David Dickinson at (202) 343-9256 or at Dickinson.David@EPA.GOV.

CALIFORNIA: ATTAINMENT FOR OZONE NAAQS The USEPA made a number of determinations relating to 1997 8-hour ozone nonattainment areas in California ([77 FR 71551](#)). First, the agency determined that six 8-hour ozone nonattainment areas in California (Amador and Calaveras; Chico; Kern; Mariposa and Tuolumne; Nevada; and Sutter counties) attained the 1997 8-hour ozone NAAQS by their applicable attainment dates. Second, the USEPA granted Mariposa and Tuolumne counties and Nevada County one-year attainment date extensions. Lastly, for those six areas, the agency suspended requirements to submit SIP revisions related to this issue for as long as these areas continue to meet the 1997 8-hour ozone NAAQS. This final rule was effective January 2, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

CALIFORNIA IN-USE PORTABLE DIESEL ENGINES The USEPA granted California's request for authorization of its airborne toxic control measure (ATCM) for in-use portable diesel fueled compression ignition engines 50 brakehorse power (BHP) and greater ([77 FR 72846](#)). To be portable, the engine must not reside at any one location for more

than 12 consecutive months. A location is defined as any place of operation or single site at a building, structure, facility, installation or well site. The state program includes four primary requirements:

- Starting on January 1, 2010, all portable engines in California must be certified to meet a federal or California standard for newly manufactured nonroad engines;
- Starting January, 2020, all portable engines in California must be either (a) certified to meet federal Tier 4 emission standards, (b) equipped with a properly functioning CARB Level-3 verified technology, or (c) equipped with a combination of control strategies to achieve an 85% reduction in diesel particulate emissions;
- All portable engines that, prior to January 1, 2006, have not been either registered in CARB's Portable Equipment Registration Program (PERP) or permitted under a local program must meet the most stringent of the federal or California emission standards for nonroad engines at the time the engine is either registered in the PERP or registered for a permit; and
- Each fleet of portable engines must comply with increasingly more stringent weighted particulate matter (PM) emission fleet averages that apply on three different deadlines (January 1, 2013, January 1, 2017 and January 1, 2020).

Compliance options include: purchasing new equipment with cleaner engines, repowering existing equipment with cleaner engines, using verified add-on control devices on existing equipment and engines, switching to alternative diesel fuels or alternative fuels, or electrifying some or all of the in-use fleet and receiving emission credits. For more information contact Kristien Knapp at (202) 343-9949 or at knapp.kristien@epa.gov.

CALIFORNIA SIP: EASTERN KERN, IMPERIAL, PLACER AND YOLANO-SOLANO PSD PERMITTING The USEPA approved revisions to California SIP that implement the Prevention of Significant Deterioration (PSD) permit program for preconstruction review of certain new and modified major stationary sources in attainment or unclassifiable areas ([77 FR 73316](#)). This action approves local rules for the Eastern Kern Air Pollution Control District, Imperial County Air Pollution Control District, Placer County Air Pollution Control District, and Yolo-Solano Air Quality Management District. This action is effective February 8, 2013. For more information, contact Lisa Beckham at (415) 972-3811 or at beckham.lisa@epa.gov.

CALIFORNIA SIP: MONTEREY BAY PM EMISSIONS The USEPA approved revisions to the Monterey Bay Air Pollution Control District portion of the California SIP ([77 FR 73322](#)). This action approves local rules that regulate PM emissions from several different types of sources, ranging from fugitive dust to gas turbines. This final rule was effective February 8, 2013. For more information, contact Idalia Perez at (415) 972-3248 or at perez.idalia@epa.gov.

CALIFORNIA SIP: SAN JOAQUIN VALLEY NAAQS APPROVAL WITHDRAWN The USEPA withdrew its March 8, 2010 approval of the San Joaquin Valley Air Pollution Control District's portion of the California SIP relating to attainment of the 1-hour ozone NAAQS in the San Joaquin Valley extreme ozone nonattainment area ([77 FR 70376](#)). In addition, the agency is withdrawing its March 1, 2012 determination that the California SIP satisfies the requirement regarding offsetting emissions growth caused by growth in vehicle miles traveled (VMT) for the 1997 8-hour ozone NAAQS in the San Joaquin Valley. These findings of failure to submit trigger the 18-month time clock for mandatory imposition of sanctions and the two-year time clock for the USEPA to promulgate FIPs. This final rule was effective November 26, 2012. For more information, contact Frances Wicher at (415) 972-3957 or at wicher.frances@epa.gov.

CALIFORNIA SIP: SAN JOAQUIN VALLEY VOC EMISSIONS The USEPA issued final approval to the San Joaquin Valley portion of the California SIP regarding local rules for volatile organic compound (VOC) emissions from composting operations and chipping and grinding activities ([77 FR 71129](#)). This final rule was effective December 28, 2012. For more information, contact Robert Marinaro at (415) 972-3019 or at marinaro.robert@epa.gov.

CALIFORNIA SIP: SOUTH COAST GHG EMISSIONS The USEPA approved revisions to the South Coast Air Quality Management District portion of the California SIP that regulate GHG emissions ([77 FR 73320](#)). This action incorporates District Rule 1714 (*Prevention of Significant Deterioration for Greenhouse Gases*) into the California SIP.

The local rule implements the PSD permit program for new and modified major stationary sources of GHGs. This approval was effective January 9, 2013, on which date the district was no longer subject to the FIP pertaining to GHG emissions. For more information, contact Lisa Beckham at (415) 972-3811 or at beckham.lisa@epa.gov.

CALIFORNIA SIP: SOUTH COAST LOCAL FEE The USEPA finalized approval of South Coast Air Quality Management District Rule 317 (CAA Non-Attainment Fee), as a revision to the district's portion of the California SIP ([77 FR 43372](#)). Rule 317 is a local fee rule submitted to address section 185 of the CAA with respect to the 1-hour ozone standard for anti-backsliding purposes. This rule was effective January 14, 2013. For more information, contact Lily Wong at (415) 947-4114 or at wong.lily@epa.gov.

SANTA BARBARA OCS CONSISTENCY UPDATE The USEPA finalized its consistency update aligning Outer Continental Shelf (OCS) air regulations with the corresponding onshore area (Santa Barbara Air Pollution Control District) ([77 FR 72774](#)). The intended effect of approving the OCS requirements for the Santa Barbara County Air Pollution Control District is to regulate emissions from OCS sources in accordance with the requirements onshore. This final rule was effective January 7, 2013. For more information, contact Cynthia Allen at (415) 947-4120 or at allen.cynthia@epa.gov.

ENDANGERED SPECIES

RECOVERY PLAN: MEXICAN SPOTTED OWL The U.S. Fish and Wildlife Service (USFWS) issued a final recovery plan for the Mexican spotted owl (*Strix occidentalis lucida*) ([77 FR 74688](#)). The species is found in Arizona, Colorado, New Mexico, Texas, and Utah, and south through the Sierra Madre Occidental and Sierra Madre Oriental in Mexico. The revised recovery plan focuses on protecting populations, managing threats, maintaining habitat, monitoring progress, and building partnerships to facilitate recovery. For more information, contact Steve Spangle at (602) 242-0210 or at incomingzcorr@fws.gov. Additional information is available at <http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B074>.

STATUS REVIEW: ASHY STORM PETREL The USFWS is initiating a status review for the ashy storm petrel ([77 FR 70987](#)). Among other items, the agency is requesting information on "Military activities at sea and on islands off the coast of California and northern Baja California, Mexico, and their impacts on ashy storm-petrels." Comments were due December 28, 2012. For more information, contact Mike Chotkowski at (916) 930-5603.

CRITICAL HABITAT: RIVERSIDE FAIRY SHRIMP The USFWS designated revised critical habitat for the Riverside fairy shrimp ([77 FR 72069](#)). In this action, the agency designated approximately 1,724 acres of critical habitat in three units in Ventura, Orange, and San Diego counties, California. Riverside County is excluded from critical habitat in this final revised rule. Lands on Marine Corps Base (MCB) Camp Pendleton and Marine Corps Air Station (MCAS) Miramar are exempted from the final critical habitat designation due to protections afforded the species in the installations' Integrated Natural Resource Management Plans (INRMPs). This final rule was effective January 3, 2013. For more information, contact Jim Bartel at (760) 431- 9440. Additional information is available at <http://www.fws.gov/cno/press/release.cfm?rid=446>.

SOUTHERN SEA OTTER TRANSLOCATION PROGRAM The USFWS removed the experimental population designation for Southern sea otters and canceled the Southern sea otter relocation program ([77 FR 75265](#)). With this action, the agency abolished the southern sea otter translocation and management zones, eliminated the obligation to remove southern sea otters in perpetuity from an "otter-free" management zone, and removed the current requirement to remove southern sea otters from San Nicolas Island and the management zone. Southern sea otters are now designated as threatened. This action is effective January 18, 2013. For more information, contact Lilian Carswell at (805) 644-1766 or at Lilian_Carswell@fws.gov. Additional information is available at <http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=A0A7>.

CRITICAL HABITAT: NORTHERN SPOTTED OWL The USFWS designated revised critical habitat for the northern spotted owl (*Strix occidentalis caurina*) in California, Oregon, and Washington states ([77 FR 71875](#)). This final rule designates

9,577,969 acres in 11 units and 60 subunits within the three states as critical habitat. Lands on Joint Base Lewis-McChord are exempted from critical habitat designation due to protections afforded the species in the installation's INRMP. This final rule was effective January 3, 2013. For more information, contact Paul Henson at (503) 231-6179. Additional information is available at <http://www.fws.gov/oregonfwo/Species/Data/NorthernSpottedOwl/main.asp>.

CRITICAL HABITAT: LOST RIVER & SHORTNOSE SUCKER The USFWS designated critical habitat for the Lost River sucker and shortnose sucker (77 FR 73739). In total, approximately 146 miles of streams and 117,848 acres of lakes and reservoirs for Lost River sucker and approximately 136 of streams and 123,590 acres of lakes and reservoirs for shortnose sucker in Klamath and Lake Counties, Oregon, and Modoc County, California, fall within the boundaries of the critical habitat designation. This rule was effective January 10, 2012. For more information, contact Laurie Sada at (541) 885-8481.

MAIN HAWAIIAN ISLANDS INSULAR FALSE KILLER WHALE DPS The National Marine Fisheries Service (NMFS) issued a final rule listing the Main Hawaiian Islands insular false killer whale (*Pseudorca crassidens*) distinct population segment (DPS) as an endangered species (77 FR 70915). The agency will consider critical habitat for this DPS in a separate rulemaking. This final rule was effective November 28, 2012. For more information, contact Krista Graham at (808) 944-2238. Additional information is available at http://www.fpir.noaa.gov/PRD/prd_false_killer_whale.html.

REEF BUILDING CORAL SPECIES The NMFS completed a status review of 82 reef reef-building coral species and determined that: 12 of the petitioned coral species warrant listing as endangered; 54 coral species warrant listing as threatened; and 16 coral species do not warrant listing as threatened or endangered (77 FR 73219). Seventy-five of the candidate species occur in the Indo-Pacific region of the U.S., which includes Hawaii, the Commonwealth of the Northern Mariana Islands, and the Territories of Guam and American Samoa. Comments are due March 7, 2013. For more information, contact Chelsey Young at (808) 944-2137. Additional information is available at <http://www.nmfs.noaa.gov/stories/2012/11/82corals.html>.

ENERGY

DEPARTMENT OF ENERGY LAUNCHES NEW PETROLEUM REDUCTION PLANNING TOOL The U.S. Department of Energy's (USDOE's) National Renewable Energy Laboratory launched the [Petroleum Reduction Planning Tool](#) to help fleet managers evaluate the benefits associated with alternative fuels and identify strategies for reducing petroleum use, vehicle emissions, and operating costs. Using interactive charts and graphs, fleet managers can establish and monitor different objectives, investigate potential scenarios, and identify the appropriate fuel efficiency strategies. The tool was launched as part of an update to the [Alternative Fuels Data Center](#), which contains a collection of updated information, data and tools for alternative fuels. Among the features on the site are an updated Alternative Fueling Station Locator, a large library of maps and data for customization, and case studies in alternative transportation deployment.

WIND AND SOLAR LEASES ON INDIAN LAND The Bureau of Indian Affairs adopted new regulations addressing wind energy evaluation leases and wind and solar development leases on Indian lands (77 FR 72439). This final rule was effective January 4, 2013. For more information, contact Elizabeth Appel at (202) 273-468 or at elizabeth.appel@bia.gov.

WITHDRAW OF PUBLIC LANDS FOR SOLAR ENERGY DEVELOPMENT The Bureau of Land Management (BLM) approved an amendment to a previously filed application to withdraw public lands in Arizona, California, Colorado, Nevada, New Mexico, and Utah on behalf of the BLM, to protect and preserve Solar Energy Zones (SEZ) for future solar energy development (77 FR 74690). This action would increase the proposed withdrawal term from 5 to 20 years, decrease the acreage proposed for withdrawal, and provide revised legal descriptions for the 17 remaining SEZs presented in the Final Programmatic Environmental Impact Statement (PEIS) for Solar Energy Development in Six Southwestern States. The purpose of the proposed withdrawal has also changed so that the lands would now be protected for future solar energy development. Comments are due March 18, 2013. For more information, contact Ray Brady at (202) 912-7312 or at rbrady@blm.gov.

OTHER

BIOBASED PROCUREMENT The U.S. Department of Agriculture (USDA) is proposing to designate additional product categories for biobased procurement preference (77 FR 72653). This action would add aircraft and boat cleaners, automotive care products, engine crankcase oil, gasoline fuel additives, metal cleaners and corrosion removers, microbial cleaning products, paint removers, and water turbine bearing oils. In addition, the agency is proposing to add two subcategories to previously designated product categories: countertops (to be added to the composite panels category), and wheel bearing and chassis grease and "greases not otherwise specified" (to be added to the grease category). Military equipment designed or procured for combat or combat related missions are exempt from the biobased procurement preference. However, it should be noted that the exemption does not extend to contractors performing work other than direct maintenance and support of military combat/combat-related equipment. Comments are due February 4, 2013. For more information, contact Ron Buckhalt at (202) 205-4008 or at biopreferred@usda.gov.

TOXICS

MARKING STANDARDS FOR HAZARDOUS MATERIAL (HAZMAT) The U.S. Postal Service (USPS) revised its Domestic Mail Manual adopting new mandatory marking standards for parcels containing mailable HAZMAT (77 FR 70895). This action aligns USPS requirements with recently revised U.S. Department of Transportation (USDOT) requirements for parcels containing HAZMAT and responds to the USDOT's pending elimination of the "Other Regulated Material" (ORM-D) category and partial elimination of the "consumer commodity" category. The final rule was effective January 1, 2013. For more information, contact Kevin Gunther at (202) 268-7208.

PERMISSIBLE EXPOSURE LEVEL (PEL) FOR LEAD INSUFFICIENTLY PROTECTIVE An evaluation conducted by the National Academies at the request of the DoD found that Occupational Safety and Health Administration (OSHA) standards for lead inhalation are inadequate. The DoD asked the National Research Council to evaluate whether OSHA standards adequately protect military firing range employees. The current PEL for lead in the air of 50 micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$) was established so that worker blood levels would not exceed 40 micrograms per deciliter ($\mu\text{g}/\text{dL}$) of blood. The report cites recent evaluations performed by the U.S. National Toxicology Program and the USEPA that offer compelling evidence that nervous system, kidney, heart, reproductive and other health problems can be caused by blood lead levels between 10 and 40 $\mu\text{g}/\text{dL}$ or lower. These data led the committee to conclude that the currently allowable blood lead level of 40 $\mu\text{g}/\text{dL}$ provides inadequate protection. Additionally, data collected for the last five (5) years shows that the OSHA PEL of 50 $\mu\text{g}/\text{m}^3$ was frequently exceeded on Army, Navy, and Air Force firing ranges. For more information, contact Molly Galvin at (202) 334-2138. The report is available at <http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=18249>.

WASTE

LOW LEVEL RADIOACTIVE WASTE (LLW) DISPOSAL The Nuclear Regulatory Commission (NRC) is proposing amendments to its LLW disposal facility rules codified at 10 Code of Federal Regulation (CFR) 61 (77 FR 72997). The amendments would require new and revised site-specific analyses and permit disposal facilities to develop criteria for waste acceptance based on the outcome of the site-specific analyses. Comments were due February 7, 2013. For more information, contact Andrew Carrera at (301) 415-1078 or at Andrew.Carrera@nrc.gov.

WATER

FINAL STORMWATER PERMITTING RULE FOR LOGGING ROAD RUNOFF The USEPA revised its Phase I stormwater regulations to clarify that stormwater discharges from logging roads do not constitute stormwater discharges associated with industrial activity and that a NPDES permit is not required for these stormwater discharges (77 FR 72970). This action is in response to the court case Northwest Environmental Defense Center v. Brown, 640 F.3d

1063 (9th Cir. 2011). The final rule was effective January 7, 2013. For more information, contact Jeremy Bauer at (202) 564-2775 or at bauer.jeremy@epa.gov.

2012 RECREATIONAL WATER QUALITY CRITERIA The USEPA released the 2012 Recreational Water Quality Criteria document (77 FR 71191). The document contains the agency's recreational water quality criteria recommendations for protecting human health in ambient waters that are designated for primary contact recreation. For more information, contact Sharon Nappier at (202) 566-0740 or at nappier.sharon@epa.gov.

Professional Development

ONLINE: [Energy Star Training](#). Energy Star offers free online training to help improve energy performance. Training is available in the form of live web conferences, pre-recorded training available 24/7, and self-guided presentations in pdf format you can take with you. Depending on the conference, session, or presentation, the training is designed for facility managers, property managers, environmental managers, energy managers, financial officers, building engineers, and others interested in Energy Star.

ONLINE: [FEMP Sponsored Training](#). The USDOE's Federal Energy Management Program (FEMP) and the National Institute of Building Sciences are partnering to offer online three- to five-hour eTraining Courses through the Whole Building Design Guide website. Courses recently made available include: Sustainable Institutional Change for Federal Facility Managers; Managing Water Assessment in Federal Facilities; Planning an Energy Assessment for Federal Facilities; Advanced Electric Metering in Federal Facilities; Commissioning for Existing Federal Buildings; Federal On-Site Renewable Power Purchase Agreements; Launching a Utility Energy Services Contract (UESC): Getting to Yes; Selecting, Implementing, and Funding Photovoltaic Systems in Federal Facilities. Additional information is available at <http://apps1.eere.energy.gov/femp/training/>.

ONLINE: [Air Force Civil Engineering School Seminars](#). The Air Force Civil Engineering School offers a variety of free online seminars on hazardous waste management, hazardous materials management, stormwater management, and more.

ONLINE: [USEPA Stormwater Webcast Series](#). The USEPA's NPDES Permit program offers training courses, workshops, and webcasts to explain the regulatory framework and technical considerations of the NPDES Permit program. These courses are designed for permit writers, dischargers, USEPA officials, and other interested parties. Follow the provided link to view upcoming webcasts.

ONLINE: [USEPA Reduce Runoff Video](#). The USEPA and the U.S. Botanic Garden produced a 9-minute on-line video, "Reduce Runoff: Slow It Down, Spread It Out, Soak It In," that highlights green techniques such as rain gardens, green roofs and rain barrels to help manage stormwater runoff.

ONLINE: [USEPA Watershed Academy Web Self Paced Training Modules](#). This USEPA online training website offers a variety of self-paced training modules that represent a basic and broad introduction to the watershed management field. Modules vary in the time to complete, from ½ hour to 2 hours.

ONLINE: [USEPA Watershed Academy Webcast Series](#). USEPA's Watershed Academy is sponsoring free webcast seminars for local watershed organizations, municipal leaders, and others. To access a webcast, simultaneously log on to the web and/or participate by phone conference lines in live training conducted by expert instructors. Archived training sessions are also available by streaming audio.

ONLINE: [NPDES Training](#). The web-based NPDES permit writers training is a series of web-based recordings of presentations. This training is appropriate for those who have attended the live course and wish to review the

material in a self-paced environment, and for those who wish to become familiar with the NPDES process. A certificate of completion is available for each module in the series.

ONLINE: [ITRC Archived Internet-Based Training](#). The Interstate Technology and Regulatory Council (ITRC) offers free internet-based training events on a wide variety of topics. Archived training courses are available for online viewing or download for later viewing. Limited sessions/topics are available via podcast.

ONLINE: [CLU-IN Environmental Remediation Webcast Series](#). USEPA's Clean-up Information (CLU-IN) website provides information about innovative treatment and site characterization technologies while acting as a forum for waste remediation stakeholders. The CLU-IN website offers free podcasts, live web events, course and seminar information and more, with most lasting approximately two hours.

ONLINE: [Sustainable Materials Management Web Academy](#). The Sustainable Materials Management (SMM) Web Academy (formerly the Resource Conservation Challenge) series provides information through another year of webinars related to the USEPA's Sustainable Materials Management Program. Learn about key issues, successful projects, and a variety of best management practices for creating stellar waste management programs. Hear from experts around the country on what works and what does not, and how to make your program more successful. The format for the calls is a formal presentation followed by a question and answer session and discussion time.

ONLINE: [FedCenter-Sponsored Courses](#). In conjunction with the USEPA, FedCenter is now offering free, web-based, on-demand training courses for federal employees. Initially, the FedCenter will be offering training for federal laboratories, environmental management systems, and underground storage tanks, but their library will expand over time to include other topic areas deemed important to the federal community. (FedCenter membership is required to view these courses).

ONLINE: [USEPA Climate & Energy Webcast Series](#). The USEPA hosts the Local Climate and Energy Webcast Series to assist local governments as they explore and plan climate change and clean energy efforts. These regular webcasts highlight EPA resources available to local governments and present examples of successful climate and energy programs and policies implemented locally.

ONLINE: [FEMP E-Learning Course – Water Management Training](#). This course was developed to provide the federal sector facility/energy manager with information to assist in meeting Executive Order and legislative requirements (EO 13514 and 13423 and Energy Independence and Security Act of 2007 [EISA 2007] and predecessors) and introduce key elements of water resource management, planning, and implementation. The course provides a comprehensive overview of water management and is made up of 11 modules, with each module expected to take up to 15-30 minutes to complete. At least two hours is required to take the entire course.

ONLINE: [Global Challenges/ Chemistry Solutions Podcast Series](#). Global Challenges/Chemistry Solutions is a series of podcasts describing some of the 21st Century's most daunting problems, and how cutting-edge research in chemistry matters in the quest for solutions. These global challenges includes dilemmas such as providing a hungry, thirsty world with ample supplies of safe food and clean water; developing alternatives to petroleum to fuel society; preserving the environment and assuring a sustainable future for our children; and improving human health.

ONLINE: [2012 First Thursday Series Seminars](#). First Thursday Seminars are FEMP training opportunities targeting federal energy, environmental, and fleet professionals offered at no cost by leading experts. Seven seminars will be held February through August on the first Thursday of each month. Archived seminars from 2010 and 2011 are also available at this site.

ONLINE: [FEMP Energy Management Program Online Training](#). FEMP trains federal energy managers on the latest energy requirements, best practices, and technologies. Training categories include design, operations, and maintenance; energy efficient products; energy management; financing; fleet; renewable energy; and water

efficiency. Search the FEMP website for all topics, specific topics, or type of training (live or on-demand) to find training opportunities. All courses are free unless otherwise noted.

ONLINE: [Solar Energy International](#). Solar Energy International offers several online courses addressing design and installation of a variety of solar energy systems. These fee-based courses generally require 10 hours per week of online instruction, accessible at any time. Courses must be completed within a 6-week window. Follow the provided link to view class schedules.

VARIES: [USACE 2013 Training Program \(Purple Book\)](#). U.S. Army Corps of Engineers (USACE) FY 2013 training program is open for registration. For further information, contact USACE at (402) 697-2559. More information on USACE training programs is available at <http://pdsc.usace.army.mil/>.

VARIES: [Navy and ISEERB Environmental Training FY 13](#). 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.

VARIES: [Air Force Civil Engineering School Training FY 2013](#). 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 vary according to personnel status (i.e. active duty Air Force/civilian, other U.S. government employee, contractor).

February 4-8, 2013 Anchorage, AK: [Alaska Forum on the Environment, 2013](#). The Forum continues to offer training and information that includes plenary sessions with nationally recognized keynote speakers, and a broad range of topics included in over 80 breakout sessions on: climate change, emergency response, environmental regulations, fish and wildlife populations, rural issues, energy, military issues, business issues, solid waste, contaminants, contaminated site cleanup, mining, and others. [Online environmental training](#) is now available for a fee.

FEBRUARY 5-7, 2013 JOINT BASE PEARL HARBOR-HICKHAM, HI: [Advanced Historic Preservation Law & Section 106 Compliance](#). Repeats May 7-9, 2013, Fort Belvoir, VA and June 4-6, 2013, Great Lakes, IL. Provides DoD and United States Coast Guard (USCG) military and civilian personnel with an awareness of the legal and policy requirements for cultural resources management. This course provides personnel with the knowledge necessary to manage and administer cultural resources on DoD installations. Tuition-free for DoD military, civilian, and government-sponsored contractor personnel, however, travel and per diem costs are borne by the student's organization. For assistance, contact Beverly Copeland at (805) 982-3336 or at beverly.copeland@navy.mil.

FEBRUARY 12-14, 2013 SCHOFIELD BARRACKS, HI: [Introduction to Cultural Resource Management Laws & Regulations](#). The course introduces students to requirements and responsibilities under laws, regulations, and directives that govern federal stewardship of cultural resources and DoD service and Coast Guard policies for consultation regarding cultural resources. Intended for installation cultural resource managers. Tuition-free for DoD military, civilian, and government-sponsored contractor personnel, however, travel and per diem costs are borne by the student's organization. For assistance, contact Beverly Copeland at (805) 982-3336 or at beverly.copeland@navy.mil.

FEBRUARY 13-15, 2013 SAN DIEGO, CA: [SOLAR Power-Gen Conference & Exhibit](#). Understand the challenges associated with the advancement of large-scale solar energy. This conference provides opportunities to learn from leading industry specialists, plus manufacturers and suppliers on the forefront of the ever-changing market.

FEBRUARY 20, 2013 PORTLAND OR: [AWEA Regional Wind Energy Summit – Northwest](#). The American Wind Energy Association (AWEA) summit provides a comprehensive and timely analysis of current and near-term market conditions, opportunities and the latest on siting, transmission expansion, and grid operations issues. Feature sessions include a

spotlight on recently built wind projects and business development activity, as well as a state policy roundtable with legislators and regulators on what's hot in Washington, Idaho, Oregon, and Montana.

APRIL 11-13 2013, WASHINGTON, DC: [Reclaim + Remake Symposium](#). This conference brings together the most innovative practices in education and research for current and future reuse and recycling of material resources in the built environment.

MAY 15-17, 2013, ATLANTA, GA: [Brownfields 2013](#). The focus of this conference is environmental revitalization and economic redevelopment.

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 U.S. 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?

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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
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
DO	dissolved oxygen
DoD	Department of Defense
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
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
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
PM2.5	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
SOx	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
USACE	United States Army Corps of Engineers
USAEC	United States Army Environmental Command
USDA	United States Department of Agriculture
USDOE	United States Department of Energy
USDOI	United States Department of Interior
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
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