



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9



The U.S. Army Regional Environmental & Energy Office

December 2012

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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Master Planning Policy Guidance

The Army's guidance for incorporation of sustainable design principles addresses how installation master planning documents should address energy efficiency and renewable resources, water conservation, and low impact development. The guidance is provided in the memorandum titled *Master Planning Policy Guidance for Sustainable Design and Development (Environmental and Energy Performance)*.

The memorandum, which applies to all Army installations, has specific instructions for installations identified as Net Zero. Additionally, it instructs that all installations should consider private funding solutions, such as Utility Energy Service Contracts (UESCs), Energy Savings Performance Contracts (ESPCs), Power Purchase Agreements (PPAs), and Enhanced Use Leasing (EUL).

An enclosure to the memorandum contains instructions for updating installation real property master plans, including guidance for when updates should be complete.

Real property master planners must ensure integration of these policies into their installation's real property master plans. They must coordinate with energy, drinking water, storm water, wastewater, solid waste, natural resource, cultural resource, and sustainability managers to integrate appropriate installation goals into their plans. All real property master plans, including Installation Design Guides, Capital Investment Strategy, Area Development Plans, and Long Range Component, must be updated to address all references in the memorandum.

The memorandum is available at http://army-energy.hqda.pentagon.mil/docs/masterplanning_policyguidance_SDD.pdf. References in the memorandum are posted at <https://www.us.army.mil/suite/files/32712608>.

Region 9

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



WATER

TMDL: LITTLE COLORADO RIVER The Arizona Department of Environmental Quality (ADEQ) conducted a total maximum daily load (TMDL) study and determined the Little Colorado River from Silver Creek to Carr Lake Draw (Reach 15020002-004) is impaired for *Escherichia coli* (*E. coli*) and suspended sediment concentration. A public hearing was held November 8, 2012. At the meeting, the ADEQ discussed results of the investigation; reductions called for to attain surface water quality standards; and suggested best management practices that may be implemented. For more information, contact Danese Cameron at (602) 771-4569 or at dnc@azdeq.gov. The public notice is available at <http://www.azdeq.gov/download/calendar/102412pn3.pdf>. The *E. coli* TMDL is available at <http://www.azdeq.gov/download/calendar/102412ecoli3.pdf>. The sediment TMDL is available at <http://www.azdeq.gov/download/calendar/102412ssc3.pdf>.

LEGISLATIVE DEVELOPMENTS

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



AIR

TANK VAPOR RECOVERY The California Air Resources Board (CARB) released modifications to its *Vapor Recovery Certification and Test Procedures for Underground and Aboveground Storage Tanks including Gasoline Dispensing Facility Hose Regulation*. These modifications are intended to clarify the term "effective date." The modifications are a direct response to the September 11, 2012 disapproval of the CARB's rule amendments by the California Office of Administrative Law (COAL). The COAL disapproval was related to the CARB's use of the term "effective date" (section 2.4.5) in two documents. Those documents are titled *Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities* (CP-201) and *Certification Procedure for Vapor Recovery Systems at Gasoline Dispensing Facilities Using Aboveground Storage Tanks* (CP-206). In this action, the proposed modifications are intended to correct ambiguity related to the term "effective date." Comments were due November 13, 2012. The COAL's notice of disapproval is available at <http://www.oal.ca.gov/res/docs/pdf/notice/39z-2012.pdf#page=28>. Text of the COAL's disapproval is available at http://www.oal.ca.gov/res/docs/pdf/disapproval_decisions/2012/2012-0730-01S_ARB.pdf.

The CARB's revised modified text and notice of public comment period is available at http://www.statescape.com/RegsText/StaticDownloads/45615_96722.pdf. Additional information is available at <http://www.arb.ca.gov/regact/2011/evr11/evr11.htm>.

VOC CONTENT IN WINDSHIELD WIPER FLUID The CARB is proposing to amend its regulation for reducing emissions from consumer products, specifically automotive windshield washer fluid. This action would expand the number of designated Type A areas (those that experience freezing temperatures) in which the sale of premixed automotive windshield washer fluid with a volatile organic compound (VOC) content of up to 25% by weight is allowed. The VOC content of premixed automotive windshield washer fluid sold in all other areas of the state is restricted to 1% by weight. The CARB released modified text for a 15-day comment period. Comments on the modified text were due November 21, 2012. For more information, contact Jose Gomez at (916) 324-8033. The notice of proposed rulemaking and public hearing is available at http://www.statescape.com/RegsText/StaticDownloads/62193_91992.pdf. The rulemaking website is available at <http://www.arb.ca.gov/regact/2012/cp2012/cp2012.htm>. The notice of 15-day comment period and modified text is available at http://www.statescape.com/RegsText/StaticDownloads/62193_97558.pdf.

ATCM FOR IN-USE DIESEL-FUELED TRUS The CARB adopted amendments to its airborne toxic control measure (ATCM) for in-use, diesel-fueled transportation refrigeration units (TRUs) and TRU generator sets, and for facilities where TRU's operate. The amendments provide a one-year extension from the Ultra-Low Emission TRU (ULETRU) in-use performance standards for certain model year 2001 through 2003 TRU engines. The amendments also clarify recordkeeping requirements. The final amendments were effective October 26, 2012. For more information, contact Amy Whiting at (916) 322-6533. The notice of proposed rulemaking is available at http://www.statescape.com/RegsText/StaticDownloads/64586_96575.pdf. The final regulation is available at http://www.statescape.com/RegsText/StaticDownloads/64586_96577.pdf.

LEV/ZEV The CARB is proposing amendments to low emission vehicle (LEV) III greenhouse gas (GHG) emissions standards, including additional minor revisions to the January 26, 2012 LEV III criteria pollutant and zero emission vehicle (ZEV) regulations. In general, the proposed amendments correct errors and update procedures to reflect information received since adoption of the regulations in early 2012. The CARB released revisions to the proposed amendments for an additional 15-day comment period. Comments were due December 4, 2012. For more information, contact Paul Hughes at (626) 575-6977. The notice of proposed rulemaking is available at <http://www.oal.ca.gov/res/docs/pdf/notice/37z-2012.pdf#page=7>. The proposed revisions are available at <http://www.arb.ca.gov/regact/2012/leviiidtc12/dtc15daynot.pdf>.

CALIFORNIA SIP: SAN DIEGO OZONE REDESIGNATION The CARB held a public meeting to consider approval of San Diego's Ozone State Implementation Plan (SIP) Redesignation Request and Maintenance Plan for the 1997 8-hour Ozone national ambient air quality standards (NAAQS). If approved, the amendments will be submitted to the US Environmental Protection Agency (USEPA) as a revision to the California SIP. The meeting was held December 6, 2012. For more information, contact Sylvia Oey at (916) 322-8279. The notice of public meeting is available at http://www.statescape.com/RegsText/StaticDownloads/65368_98203.pdf.

CALIFORNIA SIP: SAN FRANCISCO BAY AREA PM2.5 The CARB held a public meeting to consider the proposed fine particulate matter (PM2.5) Emission Inventory SIP submittal for the San Francisco Bay Area. The SIP submittal was developed and approved by the Bay Area Air Quality Management District. If approved by the CARB, the amendments will be submitted to the USEPA as a revision to the California SIP. The meeting was held December 6, 2012. For more information, contact Sylvia Vanderspek at (916) 324-7163. The notice of public meeting is available at http://www.statescape.com/RegsText/StaticDownloads/65366_98201.pdf.

CALIFORNIA SIP: SAN JOAQUIN VALLEY 2012 PM2.5 PLAN The San Joaquin Valley Air Pollution Control District is proposing to adopt the *Initial Study and Negative Declaration for the 2012 PM2.5 Plan*. The 2012 PM2.5 Plan presents

the district's strategy for achieving PM2.5 NAAQS, as established by the USEPA in 2006. Comments are due December 8, 2012. The notice of public hearing is available at http://www.valleyair.org/Air_Quality_Plans/PM25Plans2012.htm.

CALIFORNIA SIP: SOUTH COAST: 2012 AIR QUALITY MANAGEMENT PLAN The South Coast Air Quality Management District held a public hearing December 7, 2012 to consider adoption of the 2012 Air Quality Management Plan (AQMP) for the South Coast Air Quality Management District. The 2012 AQMP is designed to meet federal requirements and addresses the attainment demonstration for the South Coast Air Basin (Los Angeles County, Orange County, San Bernardino County, and Riverside County). The plan will be submitted to the CARB and USEPA for inclusion in the district's portion of the California SIP. Comments were due November 27, 2012. For more information, contact Derrick Alatorre at (909) 396-3122 or at dalatorre@aqmd.gov. The notice of public hearing is available at http://www.statescape.com/RegsText/StaticDownloads/65191_97846.htm.

SOUTH COAST AIR PERMITTING The South Coast Air Quality Management District is requesting public comment on proposed revisions to local Rule 219 (Equipment Not Requiring a Written Permit Pursuant to Regulation II) and local Rule 222 (Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II). The proposed revisions to local Rule 219 would exempt certain equipment from the requirement to obtain a district permit. Proposed revisions to local Rule 222 would add certain equipment to the rule's filing program that currently requires written district permits. A public meeting was held November 8, 2012. Comments were due November 16, 2012. For more information, contact Don Hopps at (909) 396-2334 or at dhopps@aqmd.gov. Proposed amendments to Rule 219 are available at http://www.statescape.com/RegsText/StaticDownloads/59613_97344.pdf. Proposed amendments to Rule 222 are available at http://www.aqmd.gov/rules/proposed/PAR_222.pdf. The notice of public meeting is available at http://www.statescape.com/RegsText/StaticDownloads/59613_96541.pdf.

ENDANGERED SPECIES

GRAY WOLF The California Fish and Game Commission announced that it received a petition to list the Gray Wolf (*Canis lupus*) as an endangered species. The California Department of Fish and Game will submit a report to the commission within one year indicating whether the petitioned action is warranted. For more information, contact Sonke Mastrup at (916) 653-4899. The public notice is available at <http://www.oal.ca.gov/res/docs/pdf/notice/44z-2012.pdf#page=24>. Additional information is available at <http://www.dfg.ca.gov/wildlife/nongame/wolf/>.

TOXICS

PROPOSITION 65 The California Office of Environmental Health Hazard Assessment (COEHHA) added two chemicals, *a*-methyl styrene and 1,3-dinitropyrene to the list of chemicals known to the State of California to cause cancer for purposes of the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). This final list was effective November 2, 2012. For more information, contact Cynthia Oshita at Cynthia.Oshita@oehha.ca.gov. The final notice is available at <http://www.oal.ca.gov/res/docs/pdf/notice/44z-2012.pdf#page=43>. Additional information is available at http://oehha.ca.gov/prop65/CRNR_notices/admin_listing/intent_to_list/091312noil.html.

WATER

2013 INTENDED USE PLAN The State Water Resources Control Board is proposing to adopt the Intended Use Plan for the Clean Water State Revolving Fund for Federal Fiscal Year 2013. The fund provides low-cost financing for construction of wastewater treatment and recycling facilities, implementation of non-point source and stormwater projects, and development and implementation of estuary conservation and protection efforts. Comments were due October 24, 2012. A public meeting was held November 6, 2012. For more information, contact Rafaela Padilla at (916) 327-9978 or at CleanWaterSRF@waterboards.ca.gov.

CALIFORNIA WATER PLAN DESALINATION WORKSHOP The California Department of Water Resources is drafting the 2013 update of the California Water Plan. The chapter devoted to the resource management strategy is titled *Desalination (Brackish and Sea Water)*. A public workshop was held November 20, 2012 to receive public comment on this draft chapter of the plan. Comments were due November 27, 2012. For more information, contact Michael Ross at (916) 341-0717. The draft chapter is available at http://www.waterplan.water.ca.gov/docs/meeting_materials/workshop/2012-rms/11.20.12-pm/Vol3_Ch09_Desal_2013_PD1_2012-11-13.pdf.

PHASE II SMALL MS4 PERMIT The California State Water Resources Control Board released revisions to its proposed draft National Pollutant Discharge Elimination System (NPDES) Permit for the discharge of stormwater from Phase II Small Municipal Separate Storm Sewer Systems (MS4s) for public comment. Comments are due December 17, 2012. A public hearing is scheduled for February 5, 2013. For more information, contact Jeanine Townsend at (916) 341-5600. The notice of public comment period and hearing is available at http://www.statescape.com/RegsText/StaticDownloads/57377_98241.pdf. Additional information is available at http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml.

LEGISLATIVE DEVELOPMENTS

The 2012 California Legislative session began January 2, 2012 and adjourns November 30, 2012. Floor sessions concluded August 31, 2012. The 2013 California legislative session begins December 3, 2012 and adjourns September 13, 2013. For additional information on the legislative session, go to <http://www.leginfo.ca.gov/>.



ENERGY

EV CHARGING STATIONS The Hawaii Department of Business, Economic Development, and Tourism's State Energy Office released a new guidebook designed to be a resource for commercial properties interested in installing an electric vehicle (EV) charging station. The guidebook serves as an introduction for installing and hosting EV charging stations at retail stores, hotels, businesses, and multiple-use dwellings, as well as privately- and publicly-owned parking lots. For more information about the guidebook, contact Mark Glick at (808) 587-3812. In a related action, the Honolulu Clean Cities Coalition released a report titled *Lessons Learned: The Early Adoption of Electric Vehicle Charging Stations from the Perspective of Oahu's Commercial Properties*. The guidebook is available at http://energy.hawaii.gov/wp-content/uploads/2011/09/updated-EV-Guidebook_FINAL_Sep-25_2012.pdf. Additional information about Hawaii's EV Ready Program is available at <http://energy.hawaii.gov/programs/transportation-on-the-move/ev-ready-program>. The lessons learned report is available at http://honolulucleancities.files.wordpress.com/2012/01/lessons-learned-report-for-maui_final_10-22-12.pdf. The Honolulu Clean Cities Coalition website is available at <http://honolulucleancities.org/>. Information about the Hawaii Clean Energy Initiative is available at <http://www.hawaiicleanenergyinitiative.org/about/>.

HYDROGEN FUEL CELL POWER FOR JOINT BASE PEARL HARBOR-HICKAM The Hawaii Center for Advanced Transportation Technology, in conjunction with the US Air Force Advanced Power Technology Office awarded Canadian-based Hydrogenics a contract to develop, fabricate, and deliver a 100 kilowatt (kW) outdoor containerized hydrogen power system. The system will supply 100 kW power for integration into the joint military base. The system is anticipated to deliver power by mid-2013. A news release is available at <http://globenewswire.com/news-release/2012/11/01/501628/10010645/en/Hydrogenics-Awarded-Contract-to-Deliver-a-100kW-HyPM-OH.html>.

Information about the Air Force Advanced Power and Technology Office is available at <http://www.robins.af.mil/shared/media/document/AFD-070613-147.pdf>.

NATURAL RESOURCES

ENVIRONMENTAL REVIEW PROCESS The Hawaii State Environmental Council, with the assistance of the Office of Environmental Quality Control (OEQC), is revising its rules for the State's environmental review process (Chapter 343, Hawai'i Revised Statutes). The council released a draft rule revision for public comment. Areas under discussion include the length of time an environmental impact statement (EIS) is valid, the exemption process, and cultural impacts. The council's Rules Committee held meetings to receive public and agency input through November 15, 2012. Formal public hearings on the proposed amendments are expected in 2013 after the current draft has been revised based on input received at the meetings. A press release was issued November 1, 2012. For more information, contact Scott Glenn at environmental.council@doh.hawaii.gov. The press release is available at http://www.statescape.com/ssu/Regs/ss_8588487714588065707.doc. Additional information is available at <http://oeqc.doh.hawaii.gov/default.aspx>.

LEGISLATIVE DEVELOPMENTS

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

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



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

ARMY LAUNCHES OPERATIONAL ENERGY USE CAMPAIGN The US Army launched its "The Power is In Your Hands" campaign in October 2012 to encourage soldiers to use energy smarter on the battlefield. The campaign will focus on creating an energy-informed culture throughout the Army, so that energy is factored into mission decisions. At the 2012 Association of the US Army (AUSA) Annual Meeting and Exposition, Lt. Gen. Raymond V. Mason who heads the Army's Operational Energy Office, released a list of 10 initiatives to use operational energy smarter. The key elements of the initiatives include batteries and "worn power," generators, training simulators, accounting systems and microgrids, performance incentives for fuel and water savings, analytical tools that support the more rapid introduction of new conservation equipment (including a demonstration project at Camp Buehring, Kuwait), improvements for certain aircraft and vehicles, and next-generation technologies aimed at increased agility and sustainability. Additional

information is available at

http://www.army.mil/article/89693/Army_launches_smart_Operational_Energy_use_campaign__identifies_10_initiatives/ and <http://usarmy.vo.llnwd.net/e2/c/downloads/269569.pdf>.

Federal Activity

AIR

REGULATORY REVIEW: HEAVY-DUTY ENGINE AND VEHICLE STANDARDS AND HIGHWAY DIESEL FUEL SULFUR CONTROL REQUIREMENTS The USEPA announced that it will review its Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements (Heavy-Duty 610 Review) (77 FR 65840). As part of this review, the agency is soliciting comment on: the continued need for the rules; the nature of complaints or comments received concerning the rules; the complexity of the rules; the extent to which the rules overlap, duplicate, or conflict with other Federal, State, or local government rules; and the degree to which the technology, economic conditions, or other factors have changed in areas affected by the rules. Comments are due December 31, 2012. For more information, contact Tad Wysor at (734) 214-4332 or at wysor.tad@epa.gov.

NSR FOR PM2.5 The USEPA issued a final rule revising the definition of "regulated air pollutant" contained in two sets of Prevention of Significant Deterioration (PSD) regulations and in the agency's Emission Offset Interpretive Ruling (77 FR 65107). The revision corrects an inadvertent error made in the 2008 final rule that implements the New Source Review (NSR) program for PM2.5. This action also removes a general requirement in the definition of regulated NSR pollutant to include condensable particulate matter (PM) when measuring one of the emissions-related indicators for PM. This final rule amending Title 40 Code of Federal Regulation (CFR) Parts 51 and 52 is effective December 24, 2012. For more information, contact Dan deRoeck at (919) 541-5593 or at deroeck.dan@epa.gov.

PM2.5 WORKSHOP The USEPA scheduled a workshop on January 7, 2013 to identify approaches to assess the effectiveness of policies that reduce ambient levels of PM2.5 (77 FR 66837). Significant reductions in ambient levels of PM2.5 have been attributed to power plant sulfur dioxide (SO₂) emission reductions in the east and to truck and marine engine rules in the west (SO₂ is a precursor to the formation of PM2.5). The purpose of this workshop is to identify approaches to design research to assess the public health benefits from implementation of these large-scale changes in levels of air pollution. For more information, contact Neal Fann at (919) 541-0209 or at Fann.Neal@epa.gov.

ARIZONA: NOGALES DETERMINATION OF PM2.5 ATTAINMENT The USEPA is proposing to determine that the Chico nonattainment area in California has attained the 2006 24-hour PM2.5 NAAQS (77 FR 65656). The agency is further proposing that the requirements for this area to submit an attainment demonstration, together with reasonably available control measures (RACM), a reasonable further progress (RFP) plan, and contingency measures for failure to meet RFP and attainment deadlines shall be suspended for as long as the area continues to attain the 2006 24-hour PM2.5 NAAQS. Comments were due November 26, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

ARIZONA SIP: VEHICLE EMISSIONS The USEPA is proposing to approve three revisions to the Arizona SIP (77 FR 66422). Two of these revisions relate to an amendment to Arizona's Basic and Enhanced Vehicle Emissions Inspection Programs that would exempt motorcycles in the Phoenix metropolitan area from emissions testing requirements. The third revision would expand the geographic area in which various air quality control measures, including the vehicle

emissions inspection program but also including other control measures, apply in the Phoenix metropolitan area. Comments were due December 5, 2012. For more information, contact Jeffrey Buss at (415) 947-4152 or at buss.jeffrey@epa.gov.

ARIZONA SIP: OZONE & PM2.5 The USEPA is approving in part and disapproving in part revisions to the Arizona SIP related to the 1997 8-hour ozone NAAQS and the 2006 PM2.5 NAAQS ([77 FR 66398](#)). Where the USEPA is disapproving in part, Arizona's SIP revisions, several of the deficiencies have already been addressed by a Federal Implementation Plan (FIP). The remaining deficiencies are subject to a two-year deadline for the USEPA to promulgate a FIP, unless it approves an adequate SIP revision prior to that time. This final rule was effective December 5, 2012. For more information, contact Jeffrey Buss at (415) 947-4152 or at buss.jeffrey@epa.gov.

ARIZONA SIP: MARICOPA COUNTY STATIONARY SOURCES The USEPA approved revisions to the Maricopa County Air Quality Department portion of the Arizona SIP as relates to regulations that require monitoring and reporting of VOC, oxides of nitrogen (NOx), and PM emissions from stationary sources ([77 FR 66405](#)). This final approval was effective December 5, 2012. For more information, contact Rynda Kay at (415) 947-4118 or at Kay.Rynda@epa.gov.

CALIFORNIA: CHICO DETERMINATION OF PM2.5 ATTAINMENT The USEPA is proposing to determine that the Chico nonattainment area in California attained the 2006 24-hour PM2.5 NAAQS ([77 FR 65651](#)). The agency is further proposing that the requirements for this area to submit an attainment demonstration, together with RACM, an RFP plan, and contingency measures for failure to meet RFP and attainment deadlines shall be suspended for as long as the area continues to attain the 2006 24-hour PM2.5 NAAQS. Comments were due November 26, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

CALIFORNIA: SACRAMENTO DETERMINATION OF PM2.5 ATTAINMENT The USEPA is proposing to determine that the Sacramento nonattainment area in California attained the 2006 24-hour PM2.5 NAAQS ([77 FR 65346](#)). The agency is further proposing that the requirements for this area to submit an attainment demonstration, together with RACM, an RFP plan, and contingency measures for failure to meet RFP and attainment deadlines shall be suspended for as long as the area continues to attain the 2006 24-hour PM2.5 NAAQS. Comments were due November 26, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

CALIFORNIA: SAN FRANCISCO BAY AREA DETERMINATION OF PM2.5 ATTAINMENT The USEPA is proposing to determine that the San Francisco Bay area nonattainment area in California has attained the 2006 24-hour PM2.5 NAAQS ([77 FR 65521](#)). The agency is further proposing that the requirements for this area to submit an attainment demonstration, together with RACM, an RFP plan, and contingency measures for failure to meet RFP and attainment deadlines shall be suspended for as long as the area continues to attain the 2006 24-hour PM2.5 NAAQS. Comments were due November 26, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

CALIFORNIA SIP: DIRECT FINAL RULE WITHDRAWN Due to receipt of adverse comment, the USEPA withdrew its September 14, 2012 direct final rule that made several determinations relating to certain 1997 8-hour ozone nonattainment areas in California ([77 FR 66715](#)). The agency will address the comment in a subsequent final action and will not institute a second comment period. The direct final rule published at [77 FR 56755 on September 14, 2012](#) is withdrawn as of November 7, 2012. For more information, contact John Ungvarsky at (415) 972-3963 or at ungvarsky.john@epa.gov.

CALIFORNIA SIP: MOJAVE The USEPA finalized a limited approval and limited disapproval of revisions to the Mojave Desert Air Quality Management District portion of the California SIP ([77 FR 65133](#)). This action concerns NOx emissions from stationary gas turbines. This action simultaneously approves a local rule regulating these emission sources and directs California to correct rule deficiencies. This final rule was effective November 26, 2012. For more information, contact Idalia Perez at (415) 972-2348 or at perez.idalia@epa.gov.

CALIFORNIA SIP: PLACER COUNTY BIOMASS BOILERS The USEPA is proposing to approve revisions to the Placer County Air Pollution Control District portion of the California SIP ([77 FR 67332](#)). The agency is proposing to approve local rules that regulate NOx emissions from biomass boilers. Comments are due December 10, 2012. For more information, contact Idalia Perez at (415) 972-2348 or at perez.idalia@epa.gov.

CALIFORNIA SIP: SAN JOAQUIN VALLEY PSD The USEPA approved revisions to the San Joaquin Valley portion of the California SIP ([77 FR 65305](#)). The revisions incorporate District Rule 2410 (Prevention of Significant Deterioration) into the California SIP to establish a PSD permit program for pre-construction review of certain new and modified major stationary sources in attainment or unclassifiable areas. This final action was effective November 26, 2012. For more information, contact Lisa Beckham at (415) 972-3811 or at beckham.lisa@epa.gov.

CALIFORNIA SIP: SAN JOAQUIN VALLEY SOLID FUEL BOILERS The USEPA approved revisions to the San Joaquin Valley portion of the California SIP ([77 R 66548](#)). The agency approved a local rule that regulates NOx emissions from solid fuel fired boilers. This action was effective December 6, 2012. For more information, contact Idalia Perez at (415) 972-2348 or at perez.idalia@epa.gov.

CALIFORNIA SIP: SOUTH COAST The USEPA reopened the public comment period for its proposed finding that the Los-Angeles-South Coast revisions to the California SIP were substantially inadequate to meet the 1-hour ozone standard ([77 FR 65151](#)). If the agency finalizes this proposed finding of substantial inadequacy as proposed, California would be required revise its SIP to correct these deficiencies within 12 months of the effective date of this final rule. The USEPA reopened the public comment period in response to comments for additional time. Comments were due November 8, 2012. For more information, contact Wienke Tax at (415) 947-4192 or at tax.wienke@epa.gov.

CALIFORNIA SIP: SOUTH COAST The USEPA is proposing to approve revisions to the South Coast Air Quality Management District portion of the California SIP ([77 FR 66780](#)). The agency is proposing to approve local rules that regulate VOC emissions from architectural coatings. Comments were due December 7, 2012. For more information, contact Nicole Law at (415) 947-4126 or at law.nicole@epa.gov.

NEVADA SIP: OZONE AND PM2.5 The USEPA partially approved and partially disapproved revisions to the Nevada SIP regarding the 1997 8-hour ozone NAAQS and the 1997 and 2006 NAAQS for PM2.5 ([77 FR 64737](#)). Where the agency is disapproving, in part, Nevada's SIP revisions, the majority of the deficiencies have been already been addressed by a FIP. For one remaining deficiency, this final rule sets a two-year deadline for the USEPA to promulgate a FIP, unless it approves an adequate SIP revision prior to that time. This final rule was effective November 23, 2012. For more information, contact Rory Mays at (415) 972-3227 or at mays.rory@epa.gov.

NEVADA SIP: CLARK COUNTY The USEPA is proposing to approve revisions to the Clark County portion of the Nevada SIP ([77 FR 67600](#)). The revisions concern the State's plan for maintaining the 1997 8-hour ozone standard in Clark County for ten years beyond redesignation and to related motor vehicle emissions budgets. The agency is also proposing to approve a request to redesignate the Clark County ozone nonattainment area to attainment for the 1997 8-hour ozone NAAQS. Comments are due December 13, 2012. For more information, contact Ginger Vagenas at (415) 972-3964 or at vagenas.ginger@epa.gov.

ENDANGERED SPECIES

CRITICAL HABITAT DETERMINATION RULES The US Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) announced the reopening of the public comment period on their [August 24, 2012 proposed rule](#) to revise their regulations pertaining to impact analyses conducted for designations of critical habitat ([77 FR 66946](#)). Comments are now due February 6, 2013. For more information, contact Douglas Krofta, USFWS, at (703) 358-2171 or Marta Nammack, NMFS, at (301) 713-1401.

CANDIDATE NOTICE OF REVIEW: T&E SPECIES The USFWS released an updated list of plant and animal species that are candidates for listing or that have been proposed for addition to the list of threatened and endangered (T&E) species (77 FR 69993). The notice provides a summary of completed actions and status of listing candidates, notes new candidate species, removed species, changes in listing priority of candidate species, and summaries of findings for petitioned candidates. In this action, the Sonoran desert tortoise (*Gopherus morafkai*) is noted to be a distinct species and no longer considered a distinct population segment (listing priority increased slightly, from 6 to 5). Review of status discussions include:

- the Washington ground squirrel, occurring on the Naval Weapons Systems Training Facility near Boardman, Oregon. In recent comments to National Environmental Policy Act (NEPA) documentation for this facility, the USEPA requested DoD describe proposed decision points and metrics to support adaptive management through updates to its Integrated Natural Resources Management Plan.
- *Festuca hawaiiensis*, a caespitose (growing in dense, low tufts) annual found in dry forests on the island of Hawaii, and known from four (4) populations totaling approximately 1,000 individuals in and around the Pohakuloa Training Area.
- *Schiedea pubescens*, a reclining or weakly climbing vine is found in diverse mesic to wet forests on the islands of Maui, Molokai, and Hawaii, Hawaii. Fenced areas are planned at Pohakuloa Training Area; nonnative feral ungulates and nonnative plants will be controlled within these fenced areas.

TRANSLOCATION OF SOUTHERN SEA OTTERS The USFWS announced its final Supplemental Environmental Impact Statement (final SEIS) on the Translocation of Southern Sea Otters at the San Nicolas Island, California (77 FR 67302). The final SEIS evaluates options for continuing, revising, or terminating the southern sea otter translocation program initiated in 1987. The document describes the proposed action and alternatives under consideration and discloses the direct, indirect, and cumulative environmental effects of each of the alternatives. The agency's preferred alternative (Alternative 3C) is to allow for the natural range expansion of sea otters through termination of the 1987 translocation program and to allow sea otters existing in the former translocation and management zones to remain. For more information, contact Lilian Carswell at (805) 612-2793 or at Lilian_Carswell@fws.gov. Additional information is available at http://www.fws.gov/ventura/species_information/so_sea_otter/index.html.

ENERGY

WAPA JOINT OUTREACH TEAM DRAFT RECOMMENDATIONS The Western Area Power Administration (WAPA) Joint Outreach Team released draft recommendations on facilitating the US Department of Energy's (USDOE's) transition to a more resilient and flexible electric transmission grid and to achieving greater coordination among system operators (77 FR 69619). Comments are due January 22, 2013. The draft recommendations are in response to a request from the Energy Secretary. The draft recommendations are available at <http://ww2.wapa.gov/sites/western/about/Documents/JOT%20Draft%20Recommendations%20-%20FINAL%20%28111512%29.pdf>. Additional information is available at <http://ww2.wapa.gov/sites/western/about/Pages/Definingfuture.aspx>.

GUIDANCE: ENERGY & WATER EFFICIENCY MEASURES The USDOE released the final *Guidance for the Implementation and Follow-up of Identified Energy and Water Efficiency Measures in Covered Facilities*. This guidance to Federal agencies pertains to the implementation and follow-up of energy and water efficiency measures identified and undertaken per Section 432 of the Energy Independence and Security Act of 2007 (EISA). This is the third of three guidance documents. The EISA statute requires the USDOE to establish a publically available web-based tracking system that provides compliance data at the facility level. The EISA Compliance Tracking System (CTS) data findings will be available to the public 120 days after the release of this guidance. The final page of this guidance includes a request form for exemption of facilities from disclosure based on national security concerns; such requests are due by December 24, 2102. The guidance documents are available at http://www1.eere.energy.gov/femp/regulations/facility_cts.html.

UPDATED ELECTRIC VEHICLE CHARGING STANDARD The Society of Automotive Engineers (SAE) announced the first official standard for charging North American electric and hybrid electric cars. SAE adopted the [standard J1772](#) combination plug, which uses paired couplers to allow both direct current (DC) and alternating current (AC) charging. Cars with the older J1772 couplings, such as the 2012 Nissan Leaf and 2013 Chevrolet Volt, can still use the new plug. The new plug design could potentially reduce charging times from as long as eight hours to as short as 20 minutes. Most automobile manufacturers participated in development of the revised standard. Charge plug appearance and ratings are summarized at <http://www.sae.org/misc/pdfs/chargingtable10-3-2012.pdf>. The revised standard J1772_201210 is available (for purchase) from http://standards.sae.org/j1772_201210/. Additional information is available at <http://www.gizmag.com/sae-j1772-combo-plug-standard/24607/>.

NAVY BIOFUEL INITIATIVE The Congressional Research Service (CRS) prepared a report for Congress titled *Navy Biofuel Initiative Under the Defense Production Act*. The report looks at the Navy's program to develop alternative fuels to reduce its dependence on petroleum-based fuels, under the Defense Production Act (DPA) of 1950, as amended to develop a domestic industrial capacity and supply of biofuel. This report informs Congress as it considers the policy question of whether a domestic biofuel industry is necessary for national defense, and whether proceeding under the authority of the DPA offers the necessary stimulus. The USDOE's Biomass Research and Development Technical Advisory Committee met November 14-15, 2012 in Washington, DC. Among the meeting topics was a discussion of the Navy Biofuel Initiative proposed under authority of the Defense Production Act. The report is available at <http://www.fas.org/sgp/crs/natsec/R42568.pdf>. Meeting minutes are available at <http://biomassboard.gov/committee/meetings.html>.

RENEWABLE FUEL STANDARD WAIVER DENIED The USEPA announced that it has not found evidence to support a finding of severe economic harm that would warrant granting a waiver of the Renewable Fuels Standard (RFS). This decision is based on economic analyses and modeling done in conjunction with the US Department of Agriculture (USDA) and USDOE. The USEPA found that the evidence and information failed to support a determination that implementation of the RFS mandate during the 2012-2013 time period would severely harm the economy of a State, a region, or the United States, the standard established by Congress in the Energy Policy Act of 2005 (EPAAct). Additional information is available at <http://www.epa.gov/otaq/fuels/renewablefuels/notices.htm>.

OTHER

JOINT BASING The Government Accountability Office (GAO) issued a report finding that DoD has not developed or implemented a plan to guide joint bases in achieving cost savings and efficiencies ([GAO-13-134](#)). The report notes that DoD's original estimate for saving \$2.3 billion from joint basing over 20 years has been revised downward by almost 90%. Additionally, the Office of the Secretary of Defense (OSD) does not yet have a fully developed method of accurately collecting information on costs, savings, and efficiencies. For more information, contact Brian Lepore at (202) 512-4523 or at leporeb@gao.gov.

GUIDANCE FOR PROTECTING FIRST RESPONDERS: ANTHRAX ATTACK The Department of Homeland Security revised its guidance for first responders to an anthrax attack ([77 FR 64531](#)). The document is titled *Guidance for Protecting Responders' Health During the First Week Following a Wide-Area Aerosol Anthrax Attack*. The revised guidance reflects the current understanding of the unique environment that would be expected during the first week of a wide-area anthrax release due to exposure to aerosolized *Bacillus anthracis* spores. The guidance was developed by a federal interagency working group that included subject matter experts in biodefense, infectious diseases, and occupational health and safety. For more information, contact David Adams at (202) 254-5756 or at david.adams@hq.dhs.gov. The guidance is available at <http://www.dhs.gov/publication/protecting-responders-health-after-wide-area-aerosol-anthrax-attack>.

NATIONAL FIRE CODE REVISIONS The National Fire Protection Association (NFPA) is requesting comment on proposed revisions to many of its fire safety codes and standards ([77 FR 67268](#)). Among the standards being revised are those

for carbon dioxide extinguishing systems, Halon 1301 systems, sprinkler systems, foam/water sprinkler systems, and systems for aircraft engine test facilities. Refer to the Federal Register citation for complete list of standards under revision and the applicable comment date(s). For more information, contact David Alderman at (301) 975-4019 or at david.alderman@nist.gov.

BIOBASED PROCUREMENT The USDA designated twelve additional product categories for federal procurement preferences ([77 FR 69381](#)). Among the designated product categories are specialty precision cleaners and solvents, wastewater systems coatings, and fuel conditioners. Combat related military equipment is excluded per 7 CFR 3201.3(e). Refer to the Federal Register citation for additional procurement categories and more detail. This final rule is effective December 19, 2012. For more information, contact Ron Buckhalt at (202) 205-4008 or at biopreferred@usda.gov.

TOXICS

OUTBOUND INTERNATIONAL MAILING OF LITHIUM BATTERIES The US Postal Service is revising its mailing standards for primary (non-rechargeable) and secondary (rechargeable) lithium cell and batteries properly installed in the equipment they are intended to power ([77 FR 68069](#)). This action allows such lithium batteries to be sent internationally or to army post office (APO), fleet post office (FPO), or diplomatic post office (DPO) locations when not restricted or prohibited by the destination country or APO, FPO, or DPO location. This revised mailing standard prohibits mailing of lithium batteries or cells either packed with equipment or mailed separately. It also establishes restrictions on the mailing of small consumer-type primary lithium cells or batteries and for secondary (rechargeable) batteries. This final rule was effective November 15, 2012. For more information, contact Rick Klutts at (813) 877-0372.

WASTE

FEDERAL AGENCY HAZARDOUS WASTE COMPLIANCE DOCKET UPDATE The USEPA updated the Federal Agency Hazardous Waste Compliance Docket, which is a listing of sites identified by agencies as needing remedial action ([77 FR 66609](#)). The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120 requires that the USEPA assure that a preliminary assessment (PA) be completed within a reasonable timeframe for those Federal facilities that are included on the Docket. Refer to the Federal Register citation for details on additions and deletions to the Docket. The list is current as of September 12, 2012. For more information, contact Tim Mott at (703) 603-8807 or at mott.timothy@epa.gov. Additional information is available at <https://www.federalregister.gov/articles/2012/11/06/2012-27041/twenty-fifth-update-of-the-federal-agency-hazardous-waste-compliance-docket>.

FEDERAL FACILITIES SITE EVALUATION PROJECT SITES The USEPA posted information from the Federal Facilities Site Evaluation Project (FFSEP), a two-year effort to determine the assessment and cleanup status of 514 federally-owned sites. The 514 sites evaluated under the FFSEP were identified from the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. Most indicate status of "no further response action planned (NFRAP)," or "known progress." Four sites indicated stalled or undetermined documentation. The FFSEP website is available at <http://www.epa.gov/fedfac/ffsep/index.htm>. The CERCLIS database is available at <http://www.epa.gov/superfund/sites/cursites/>.

WATER

GAO REPORT: WATER ENERGY NEXUS The GAO released a report on key energy-water nexus issues that Congress and federal agencies need to consider when developing and implementing national policies for energy and water resources. The report, titled *Energy-Water Nexus, Coordinated Federal Approach Needed to Better Manage Energy and Water Tradeoffs* ([GAO-12-880](#)) recommends that the USDOE take the actions necessary to establish a program to address the energy-water nexus, with involvement from other federal agencies, as described in the EPAct. For more

information, contact Anu Mittal at (202) 512-6100 or at mittala@gao.gov. Additional information is available at <http://www.gao.gov/products/GAO-12-880>.

WATER EFFICIENCY STANDARDS FOR BUILDINGS The American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) released its draft *Standard for the Efficient Use of Water in Building, Site and Mechanical Systems*. The draft standard addresses water make up and use needs of all kinds, insulation and piping run volume standards for hot water piping, water metering and data collection, and other topics. Comments are due December 10, 2012. For more information, contact Jodi Scott at (678) 539-1140 or at jscott@ashrae.org. The draft standard is available at <https://osr.ashrae.org/default.aspx>.

HYDRAULIC FRACTURING RESEARCH RELATED TO DRINKING WATER RESOURCES The USEPA is undertaking a study to better understand any potential impacts of hydraulic fracturing on drinking water resources ([77 FR 67361](#)). The scope of the study includes the full hydraulic fracturing water lifecycle from water acquisition, through the mixing of chemicals and injection of fracturing fluids, to the post-fracturing stage, including the management of flowback and produced water and its ultimate treatment and disposal. The agency is soliciting public involvement in identifying relevant data and scientific literature (including unpublished information) on the potential impacts of hydraulic fracturing on drinking water resources. For more information, contact Lisa Matthews at (202) 564-6669 or at matthews.lisa@epa.gov.

GUAM WATER AUTHORITY The USEPA issued notice to the Guam Water Authority (GWA) identifying numerous deficiencies in the utility's drinking water supply systems uncovered during a May 2012 inspection and sanitary survey. The inspection revealed a pattern of poor maintenance that could lead to potential impacts to water quality. Currently, the systems' only violation is an excessive level of chemicals formed as a by-product of the disinfection process. The GWA has 45 days to consult with the USEPA on how it intends to address the 40 significant deficiencies. GWA must provide a detailed plan and schedule to address the deficiencies identified. The inspection report noted that regulated chemical contaminants (i.e., chlordane, ethylene dibromide, perchloroethylene and trichloroethylene) have been found in GWA drinking water wells, but not at levels exceeding maximum contaminant levels (MCLs). Dieldrin, a chemical not regulated by the Safe Drinking Water Act (SDWA) was also found in Guam's water supply at levels well below what the agency considers an acute health threat. Additional information is available at <http://yosemite.epa.gov/opa/admpress.nsf/3881d73f4d4aaa0b85257359003f5348/1221ad7ee041b72685257aaf00746a17!OpenDocument>.

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 long 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 National Pollutant Discharge Elimination System (NPDES) Permitting 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, RCC*) 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 doesn't, 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 on-line 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 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; GHGs; laws, regulation and guidance; 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 \(Purple Book\)](#). US 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 & sustainability; pollution prevention; restoration; conservation; supplemental & 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 US government. Fees vary according to personnel status (i.e. active duty Air Force/civilian, other US government employee, contractor).

JANUARY 10-11, 2013 SALT LAKE CITY, UT: [Utah Governor's Energy Development Summit](#). Join Governor Gary R. Herbert and other national energy leaders as they highlight energy priorities, hot topics, and emerging energy issues.

Tracks cover conventional, unconventional, energy efficiency, and renewable energy issues. This event includes a trade show.

JANUARY 14, 2013 LA JOLLA, CA: [AWEA Regional Wind Energy Summit – West](#). The summit provides a comprehensive and timely analysis of current and near-term market conditions, import-export energy opportunities, and the latest on siting and transmission policy issues in the West.

January 29-February 1, 2013 USMCB Kanoeha Bay, HI: [Natural Resource Compliance](#). Repeats May 21-24, 2013, USMCB Quantico, VA. This course instructs DoD personnel on laws, regulations, and directives that govern stewardship of fish, game, and wildlife, protection of wetlands, waterways, and other special ecological areas, and management of forest and other land use within the context of the military mission. Covers mandatory interagency cooperation. 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 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, NTC 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; 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](#). This 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.

*Indicates the first time a conference or event is reported 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?

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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
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
US	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