



U.S. ARMY

Western Review of Legislative & Regulatory Actions Region 9

The U.S. Army Regional Environmental & Energy Office

April 2019

The *Region 9 Western Review* publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the four states and territories in Federal Region 9, the *Western Review* gives early notice of legislative and regulatory activities relevant to DOD interests. For installations that implement an environmental management system in accordance with ISO 14001 specifications, the content of the *Review* may help them identify emerging requirements.

The *Review* is published under contract to the U.S. Army Corps of Engineers (USACE). The information in this publication is derived from a variety of sources and is not created by USACE.

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2019 ARMY POSTURE STATEMENT

The Army Posture Statement is the Secretary of the Army and the Chief of Staff of the Army's written testimony to Congress on the state of the U.S. Army. The statement describes where the Army is and what the Army has done over the last year to support the National Defense Strategy.

The [2019 Army Posture Statement](#) explains the Army's budgetary needs to maintain its readiness, modernization, and reform initiatives in fiscal year 2020. It describes major elements of Army support to the Joint Force, ongoing modernization investments, and business reforms.

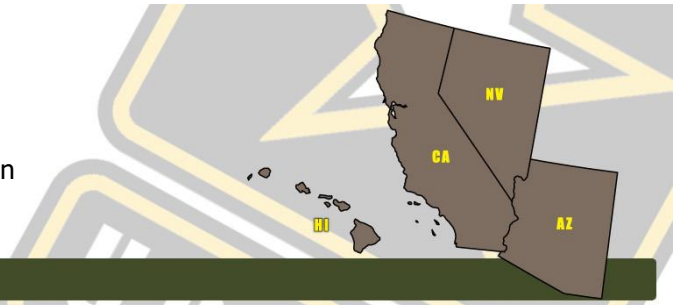
The Army has taken several measures to implement the National Defense Strategy:

- Readiness—Increased Army readiness and lethality by improving and expanding training, and by reorganizing to meet the challenges of great power competition.
- Modernization—Modernizing Army doctrine, equipment, and formations to extend its overmatch against near-peer competitors and adversaries as the character of war changes.
- Reform—Improving stewardship of taxpayer dollars by reforming its business practices to save money and reinvesting those savings into the Army modernization priorities.
- Allies and Partners—Strengthening America's network of allies and partners through combined training and security cooperation to build interoperability and trust.
- People and Values—Ensuring Soldiers and units are resilient and ready for combat while ensuring Army Families have what they need at home to thrive.

The Army Posture Statement reflects the Army Vision and the Army Strategy, providing a short-term waypoint to the Army of 2028. Both the Vision and the Strategy are part of The Army Plan, which is how the U.S. Army meets its obligations under Title 10 of the United States Code.

Region 9

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



AIR

AIR POLLUTION CONTROL. The Arizona Department of Environmental Quality (ADEQ) adopted [amendments](#) to the Arizona Vehicle Emissions Inspection Program (VEIP). The amendments align the VEIP with federal regulations; implement House Bill (HB) 2357 (2005), HB 1531 (2007), and HB 2226 (2014) into rule; allow the VEIP to leverage new technology; and codify VEIP practices that have been simplified as a result of ADEQ’s adoption of the [Lean Management System](#). The VEIP is a Clean Air Act (CAA) control program, an integral part of the Arizona State Implementation Plan (SIP), and a key cog in the state’s ability to meet National Ambient Air Quality Standards (NAAQS). The CAA specifically requires inclusion of the VEIP in the ozone nonattainment area SIP for Phoenix, and the program is also a key element of the carbon monoxide maintenance SIPs for Phoenix and Tucson. The final rules are effective 1 JUN 19. For more information, click [here](#).

ARIZONA SIP—SULFUR DIOXIDE. The U.S. Environmental Protection Agency (EPA) approved a revision to the Arizona SIP that addresses attainment of the 2010 1-hour sulfur dioxide (SO₂) primary NAAQS for the Miami, Arizona, SO₂ nonattainment area ([84 FR 8813](#)). The SIP revision includes Arizona’s attainment demonstration and other elements required under the CAA. In addition to an attainment demonstration, the plan addresses the requirements for meeting reasonable further progress toward attainment of the NAAQS, reasonably available control measures, reasonably available control technology, base-year and projected emission inventories, enforceable emissions limitations and control measures, and contingency measures. The final rule was effective 11 APR 19.

ARIZONA SIP—REGIONAL HAZE. EPA has proposed to approve Arizona’s Regional Haze Progress Report as a revision to the Arizona SIP ([84 FR 11455](#)). The progress report addresses the federal Regional Haze Rule requirement to submit a report describing progress in achieving reasonable progress goals established for regional haze and a determination of the adequacy of the state’s existing implementation plan addressing regional haze. Comments are due 26 APR 19.

LEGISLATIVE SESSION: 14 JAN 19 THROUGH 27 APR 19 (ESTIMATED)

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
HB 2631 <i>Representative Kirsten Engel (D)</i> Adopts California vehicle emission standards in effect as of 1 JAN 18, under a Clean Air Act waiver that allows California to adopt motor vehicle emission standards.	✓			
ENERGY				

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
HB 2056 <i>Representative Mark Finchem (R)</i> Establishes the Arizona Department of Federal Land Management for the purpose of transferring federal public lands to the state. Appoints a director and establishes departmental authorities and responsibilities.	✓			
NATURAL RESOURCES				
OTHER				
SB 1282 <i>Senator Juan Mendez (D)</i> Prohibits the sale or use of pesticides containing clothianidin, imidacloprid, thiametoxam, or chlorpyrifos.	✓			
WASTE				
HB 2497 <i>Representative Myron Tsosie (D)</i> Prohibits sellers from providing single-use plastic bags, disposable cups, straws, or food containers for free.	✓			
SB 1447 <i>Senator Juan Mendez (D)</i> Requires certain vendors to charge a fee for each single-use plastic bag.	✓			
WATER				
HB 2009 <i>Representative Gail Griffin (R)</i> Extends the term of the Arizona Navigable Stream Adjudication Commission for an additional four years.	✓	✓	✓	Enacted
HB 2143 <i>Representative Regina Cobb (R)</i> Establishes the La Paz County and Mohave County West Basin Water Users Advisory Councils. Tasks the advisory councils to review groundwater withdrawal data for their respective areas and make recommendations on groundwater management programs and policies.	✓			
HB 2394 <i>Representative Kirsten Engel (D)</i> Establishes new, more restrictive standards for water-efficient plumbing fixtures. Prohibits, beginning in 2020, the sale or installation of plumbing fixtures that do not meet new, more restrictive standards.	✓			
HB 2434 <i>Representative Regina Cobb (R)</i> Places restrictions on water transfers. Under certain conditions, prohibits the transfer of Colorado River water that is subject to the Boulder Canyon Project to a location outside Arizona counties that border the Colorado River.	✓			
HB 2449 <i>Representative Gail Griffin (R)</i> Addresses adequate water supply and county board review of subdivisions for areas not within active management areas.	✓			

<i>Arizona Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 2467 <i>Representative Regina Cobb (R)</i> Establishes the Mohave County West Water Basin Users Committee and the La Paz County West Basin Water Users Study Committee, each consisting of 10 members. Tasks the committees to analyze water withdrawal data and make recommendations on programs and policies regarding groundwater in the Hualapai Valley, Sacramento Valley, Renegras Plain, McMullen Valley, and Butler Valley basins.	✓	✓		
SB 1368 <i>Senator Juan Mendez (D)</i> Requires water withdrawals from a nonexempt well to use a water measuring device.	✓			



AIR

AREA DESIGNATIONS. The California Air Resources Board (CARB) has [proposed](#) to make a suite of changes to regulations designating areas of California as Attainment, Nonattainment, Nonattainment–transitional, or Unclassified for pollutants with state ambient air quality standards. Among the changes is a proposal to redesignate Yolo and Solano counties in the Sacramento Valley Air Basin as Nonattainment-transitional. The area is currently designated as Nonattainment. An errata sheet to the proposal is available [here](#).

CERTIFIED REGULATORY PROGRAM. CARB has [proposed](#) to amend its certified regulatory program, which is considered the functional equivalent of the California Environmental Quality Act (CEQA). The objectives of the proposed amendments are to more fully set forth the procedures CARB follows, harmonize CARB's procedures with established CEQA principles where appropriate, eliminate regulatory ambiguity, and update reference citations. A public hearing is scheduled for 23 MAY 19. A staff report for the rulemaking is available [here](#).

BAY AREA—FEES. The Bay area Air Quality Management District has [proposed](#) to amend district Regulation 3, Fees. The fee increases range from 3.9 to 15 percent above current levels. If adopted, the fee increases will be effective 1 JUL 19. A [public hearing](#) is scheduled for 17 APR 19. Comments are due 9 MAY 19.

MOHAVE DESERT—DUST CONTROL. The Mohave Desert Air Quality Management District released for public review the [Preliminary Draft for District Rule 403.3, Dust Control Plans](#). The draft document was issued 25 MAR 19.

MONTEREY BAY—FEES. The Monterey Bay Air Resources District has [proposed](#) to increase fees for fiscal year 2019-2020. Workshops are scheduled for 15 and 22 APR 19. Public hearings are scheduled for 15 MAY 19 and 24 JUN 19. If adopted, the fee increases will be effective 1 JUL 19.

SAN DIEGO—FEES. The San Diego Air Pollution Control District has [proposed](#) to increase permit fees and hearing board fees. The fee increases range from 1 to 18 percent. A [public hearing](#) was held 10 APR 19. If adopted, the proposed amendments to Rules 40 and 42 will be effective 1 JUL 19.

SOUTH COAST—STATIONARY SOURCE EMISSIONS. The South Coast Air Quality Management District has [proposed](#) amendments to reduce emissions of oxides of nitrogen (NO_x) from stationary gas turbines. Proposed Amended Rule 1134 is being amended to update NO_x emission limits to reflect current best available retrofit control technology; establish an ammonia emission limit; and provide implementation timeframes to facilitate the transition of facilities in

the NO_x Regional Clean Air Incentives Market (RECLAIM) program to a command-and-control regulatory structure. The provisions in the proposed amended rule apply to RECLAIM and non-RECLAIM facilities operating stationary gas turbines.

CALIFORNIA SIP—ANTELOPE VALLEY. EPA has proposed to approve a revision to the Antelope Valley Air Quality Management District portion of the California SIP ([84 FR 10748](#)). This revision concerns emissions of volatile organic compounds from solvent cleaning operations, local Rule 1171. Comments are due 22 APR 19.

CALIFORNIA SIP—IMPERIAL COUNTY. EPA has proposed to approve a revision to the Imperial County Air Pollution Control District portion of the California SIP ([84 FR 10753](#)). This revision concerns the district's New Source Review permitting program for new and modified sources of air pollution, local Rule 207. Comments are due 22 APR 19.

CALIFORNIA SIP—PLUMAS PARTICULATE NONATTAINMENT AREA. EPA approved most elements of revisions to the California SIP that address the 2012 fine particulate matter (PM_{2.5}) NAAQS in the Plumas County Moderate PM_{2.5} nonattainment area, also referred to as the Portola nonattainment area ([84 FR 11208](#)). The final rule is effective 24 APR 19.

CALIFORNIA SIP—SAN JOAQUIN VALLEY. EPA has approved portions of two revisions to the California SIP that address requirements to meet the 2008 Ozone NAAQS in the San Joaquin Valley nonattainment area ([84 FR 11198](#)). EPA has approved the portion of the 2016 Ozone Plan that addresses the requirement for base year emissions inventory. EPA has also approved portions of the 2018 SIP Update that address the requirements for a reasonable further progress demonstration and motor vehicle emissions budgets for the San Joaquin Valley for the 2008 Ozone NAAQS. In addition, EPA has conditionally approved the contingency measure element of the 2016 Ozone Plan, as modified by the 2018 SIP Update. The final rule is effective 24 APR 19.

NATURAL RESOURCES

SALTON SEA MANAGEMENT PROGRAM. The State Water Resources Control Board held a [public workshop](#) 19 MAR 19 to receive information and solicit public input regarding the status of the Salton Sea Management Program 10-Year Plan. For more information about the Salton Sea Management Program, click [here](#).

THREATENED AND ENDANGERED SPECIES

HUMBOLDT MARTEN, NORTHERN SPOTTED OWL, TRICOLORED BLACKBIRD, FISHER. The California Fish and Game Commission has [added](#) the Humboldt marten to the state list of endangered mammals, the northern spotted owl and tricolored blackbird to the state list of threatened birds, and the fisher Southern Sierra Nevada evolutionary significant unit to the state list of threatened mammals. The final rules were [effective](#) 18 MAR 19.

LASSICS LUPINE, COAST YELLOW LEPTOSIPHON. The California Fish and Game Commission has [added](#) lassics lupine and coast yellow leptosiphon to the state list of endangered plants. The final rules were effective 1 APR 19.

TOXICS

BROMOCHLOROACETIC ACID, BROMODICHLOROACETIC ACID. The California Office of Environmental Health Hazard Assessment (COEHHA) has [added](#) exposure to bromochloroacetic acid at a level of 0.70 micrograms per day (µg/d) to a regulation that establishes specific regulatory levels for chemicals that pose no significant risk. In a separate rulemaking, COEHHA has also [added](#) exposure to bromodichloroacetic acid at a level of 0.95 µg/d to a regulation that establishes specific regulatory levels for chemicals that pose no significant risk. The chemicals are disinfection by-products formed when chlorine is used to disinfect drinking water. The final rules were effective 1 APR 19.

N-HEXANE. COEHHA has [established](#) two Proposition 65 Maximum Allowable Dose Levels (MADLs) for exposure to n-hexane. The oral MADL for n-hexane is 28,000 µg/d and the inhalation MADL for n-hexane is 20,000 µg/d. The final rules are effective 1 JUL 19.

WASTE

PENALTIES FOR HAZARDOUS WASTE VIOLATIONS. The Department of Toxic Substances Control [adopted](#) emergency rules regarding the determination of the initial penalty for deviation from hazardous waste management requirements. The emergency regulation was filed with the California Office of Administrative Law 25 MAR 19.

LEGISLATIVE SESSION: 1 JAN 19 THROUGH 13 SEP 19

An * indicates the first time a bill appears in the 2019 *Western Review*. A ** indicates a significant change in the bill.

California Bill Number, Sponsor, and Description	Bill Introduced	Passed 1 st House	Passed 2 nd House	Status
AIR / CLIMATE CHANGE				
AB 285 <i>Assemblywoman Laura Friedman (D)</i> Updates the California Transportation Plan. Adds a requirement for the plan to address how the state will achieve maximum feasible emissions reductions in order to attain a statewide reduction of greenhouse gas emissions of 40 percent below 1990 levels by the end of 2030 and carbon neutrality by 2045.	✓			
AB 315 <i>Assemblywoman Cristina Garcia (D)</i> Requires a stationary source to verify or certify the accuracy of its annual emissions reports by a third-party verifier or certifier that is accredited by the state.	✓			
AB 423 <i>Assemblyman Todd Gloria (D)</i> Makes changes to the membership of the San Diego County Air Pollution Control District Board.	✓			
SB 168 <i>Senator Bob Wieckowski (D)</i> Addresses planning and coordination of climate adaptation policy and implementation in the state. Establishes the Chief Officer of Climate Adaptation and Resilience in the Office of Planning and Research and specifies duties of the chief officer. Specifies expertise needed on the advisory council.	✓			
SB 526 <i>Senator Ben Allen (D)</i> Addresses regional transportation plans and greenhouse gas emission reduction targets. Requires the Air Resources Board to adopt a regulation requiring metropolitan planning organizations to provide data for the board's report on progress toward meeting transportation-related greenhouse gas emission reduction goals.	✓			
SB 667 <i>Senator Ben Hueso (D)</i> Addresses greenhouse gas emissions from recycling activities. Requires CalRecycle to develop a strategy to drive innovation and support technological and infrastructure development to meet organic waste reduction and recycling targets.	✓			
SB 682 <i>Senator Ben Allen (D)</i> Requires the Air Resources Board to adopt a climate accounting protocol to evaluate the potential of proposed climate mitigation and restoration actions to reduce radiative forcing and excess heat in the atmosphere to reduce the global and regional mean temperatures.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
ENERGY				
AB 1371 <i>Assemblyman Jordan Cunningham (R)</i> Seeks to develop new offshore wind sites and transmission networks. Seeks to identify wind zones in federal waters off the coast of central California near Morrow Bay and Diablo Canyon.	✓			
SB 288 <i>Senator Scott Wiener (D)</i> Addresses electricity self-generation and storage. Requires the Public Utility Commission and local utilities to offer fair compensation for customer-sited energy storage systems that export electricity to the grid. Requires the commission and local utilities to remove barriers to the participation of customer-sited energy resources.	✓			
SB 350 <i>Senator Robert Hertzberg (D)</i> Authorizes the Public Utilities Commission to consider a multiyear centralized resource adequacy mechanism to meet specified utility resource adequacy objectives.	✓			
SB 524 <i>Senator Henry Stern (D)</i> Addresses workforce requirements for energy efficiency projects using ratepayer funded incentives. Requires energy efficiency projects exceeding a specific dollar amount to use skilled labor.	✓			
SB 766 <i>Senator Henry Stern (D)</i> States it is the intent of the Legislature to accelerate investment in and deployment of clean energy electrical grid solutions to make the electrical grid more reliable and fire resilient.	✓			
SB 773 <i>Senator Nancy Skinner (D)</i> Makes changes to ratepayer-funded energy efficiency programs.	✓			
SB 774 <i>Senator Henry Stern (D)</i> Requires the Energy Resources Conservation and Development Commission to develop and implement a program to deploy local clean energy generation and storage systems throughout California.	✓			
LAND USE				
AB 148 <i>Assemblywoman Sharon Quirk-Silva (D)</i> Addresses the content of the sustainable communities strategy portion of regional transportation plans. Requires the strategy to identify areas to house emergency shelters and progress toward meeting community shelter needs.	✓			
AB 185 <i>Assemblyman Tim Grayson (D)</i> Requires the Department of Housing and Community Development to participate in joint state agency transportation planning meetings.	✓			
SB 242 <i>Senator Richard Roth (D)</i> Makes changes to existing requirements for cities or counties to coordinate land development with DOD. As a precondition for coordination, requires military services to provide the Office of Planning and Research with contact information so that the service can be notified of changes to land use and/or proposed development within proximity to a military installation.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 507 <i>Senator Toni Atkins (D)</i> Concerns the San Diego Unified Port District and territory held in trust. Grants in trust to the district certain tidelands and submerged lands.	✓			
NATURAL RESOURCES				
AB 454 <i>Assemblyman Ash Kalra (D)</i> Preserves state protection for birds that were listed under the Migratory Bird Treaty Act as of 1 JAN 17, and any birds listed subsequent to that date.	✓			
SB 62 <i>Senator Bill Dodd (D)</i> Addresses incidental take associated with agricultural activities. Existing law provides that until 1 JAN 20, accidental take of candidate, threatened, or endangered species resulting from routine agricultural activities is not prohibited. This bill would make the exemption permanent.	✓			
OTHER				
AB 142 <i>Assemblywoman Cristina Garcia (D)</i> Increases the lead-acid battery fee charged by manufacturers to \$2. Eliminates fee sunset date.	✓			
AB 312 <i>Assemblyman Ken Cooley (D)</i> Requires state agencies to review their regulations; identify any that are duplicative, overlapping, inconsistent, or outdated; and report on their findings by 2022.	✓			
AB 939 <i>Assemblyman Jim Frazier (D)</i> Requires that agencies holding a public meeting or hearing make all materials relevant to the meeting or hearing available to the public. The material must be made available at least 72 hours before the meeting or hearing.	✓			
AB 975 <i>Assemblyman Ian Calderon (D)</i> Establishes the California Adaptation Leadership and Coordination Act of 2019. Requires the state to communicate with regional collaboratives and subnational governments to support and promote the state's goals and policies relating to ocean, coastal, and terrestrial climate adaptation and requires the Natural Resources Agency to take specific actions to accomplish those goals.	✓			
AB 1276 <i>Assemblyman Rob Bonta (D)</i> Adopts a New Green Deal. States it is the intent of the Legislature to enact legislation to develop and implement a New Green Deal with the objective of reaching specified environmental outcomes within the target window of 10 years from the start of execution of the plan and accomplishing certain social goals.	✓			
AB 1366 <i>Assemblywoman Lorena Gonzalez Fletcher (D)</i> Makes changes to the membership of the San Diego County Regional Airport Authority.	✓			

<i>California Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 1 <i>Senator Toni Atkins (D)</i> Enacts the California Environmental, Public Health, and Workers Defense Act of 2019. Retains federal protections for clean air, safe drinking water, water pollution control, and endangered species that were in effect as of 17 JAN 16. Authorizes emergency changes to state law, plan, or policy to maintain baseline protections.	✓			
SB 392 <i>Senator Ben Allen (D)</i> Addresses green chemistry and the Department of Toxic Substances Control priority product evaluation and response program for products that contain chemicals of concern. In lieu of requiring an alternatives analysis, authorizes the department to rely on publicly available information to develop a regulatory response.	✓			
WASTE				
** AB 399 <i>Assemblyman William Brough (R)</i> This bill formerly addressed hazardous waste fees. The bill has been amended and no longer falls within the scope of this document. It will not appear again.	✓			
AB 655 <i>Assemblyman Vince Fong (R)</i> Addresses expedited review of hazardous waste facility permit renewal applications. Places restrictions on the renewal process. To qualify for expedited renewal, the renewal application must be submitted two years prior to current permit expiration and the facility must meet specified conditions, including that operations have not changed substantially, the facility must not have open violations, and the public may not have raised any concerns about the facility.	✓			
AB 733 <i>Assemblyman Bill Quirk (D)</i> Addresses laboratory test methods. Requires the Department of Toxic Substances Control to evaluate whether there are any alternative test methods that avoid the use of live vertebrate fish and that meet requirements of hazardous waste control laws. May be implemented pending available funding.	✓			
AB 1357 <i>Assemblyman Bill Quirk (D)</i> Requires the Department of Toxic Substances Control to hold at least four public meetings per year to present on recent and upcoming decisions or actions relating to permitted hazardous waste facilities, hazardous waste cleanup sites, and the enforcement of the hazardous waste control laws.	✓			
SB 33 <i>Senator Nancy Skinner (D)</i> Addresses the collapse of foreign recycling markets by proposing to reduce solid waste generation in the state, encourage transition to compostable or recyclable materials, and foster domestic recycling markets.	✓			
* SB 54 <i>Senator Ben Allen (D)</i> Enacts the California Circular Economy and Plastic Pollution Reduction Act. Requires the Department of Resources Recycling to adopt regulations that require businesses to source reduce at least 75 percent of single-use plastic packaging and products by 2030, and to require that all single-use packaging and products distributed or sold in California are recyclable or compostable on and after 2030.	✓			

California Bill Number, Sponsor, and Description	Bill Introduced	Passed 1 st House	Passed 2 nd House	Status
WATER				
AB 223 <i>Assemblyman Mark Stone (D)</i> Addresses microplastics in finished drinking water. Requires the State Water Resources Control Board to adopt a definition of microplastics in drinking water by 1 JUL 20, adopt a standard methodology to test drinking water, and establish testing and reporting requirements, including public disclosure of test results. Requires the board to consider issuing a notification level or guidance to aid consumer interpretation of test results.	✓			
AB 292 <i>Assemblyman Bill Quirk (D)</i> Addresses groundwater augmentation using recycled water. Requires, by 31 DEC 23, the State Water Resources Control Board to adopt uniform water recycling criteria for raw water augmentation. Defines the term "treated drinking water augmentation."	✓			
AB 441 <i>Assemblywoman Susan Eggman (D)</i> Provides that the storage of water underground is a beneficial use, and that the forfeiture periods of a water right do not apply to water being beneficially used, or being held in storage for later beneficial use.	✓			
AB 756 <i>Assemblywoman Cristina Garcia (D)</i> Requires public water systems to monitor for perfluorooctanoic acid and perfluorooctane sulfonate.	✓			
AB 841 <i>Assemblyman Phil Ting (D)</i> Requires the Office of Environmental Health Hazard Assessment to assess which substances in the class of per- and polyfluoroalkyl substances should be tested as a risk to human health. Requires the office to determine if the assessed substances are candidates for notification levels to be adopted by the State Water Resources Control Board.	✓			
AB 1588 <i>Assemblyman Todd Gloria (D)</i> Addresses drinking water and wastewater operator certification programs. Provides reciprocity for military operators of drinking water and wastewater treatment systems. Allows for members of the military to receive full equivalent experience and education credits.	✓			
SB 332 <i>Senator Robert Hertzberg (D)</i> Declares that discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. Requires treatment facilities that discharge to the ocean to reduce the discharge by 50 percent by 2030 and 95 percent by 2040. Requires affected discharge permit holders to submit plans to meet these requirements. Specifies monetary penalties for violations.	✓			



No significant regulatory activity to report.

LEGISLATIVE SESSION: 16 JAN 19 THROUGH 2 MAY 19

An * indicates the first time a bill appears in the 2019 *Western Review*.

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
HB 155 <i>Representative Takashi Ohno (D)</i> Requires the Department of Health to investigate reports of air pollution by conducting a site visit and air quality tests.	✓			
ENERGY				
HB 298 <i>Representative David Tarnas (D)</i> Addresses intra-governmental wheeling. Authorizes any government agency to engage in the wheeling of electricity that is produced at its own facilities from renewable energy resources, subject to disallowance by the public utilities commission.	✓	✓		
HB 563 <i>Representative Nicole Lowen (D)</i> Prohibits the issuance of covered source air permits for coal-burning electricity generation facilities after 2022. Prohibits the approval of new power purchase agreements for electricity generated from coal.	✓			
HB 1396 <i>Representative Cynthia Thielen (R)</i> Authorizes government agencies to engage in the wheeling of electricity that is produced at a government facility from renewable energy sources in order to power other government facilities.	✓			
HB 1498 <i>Representative Sean Quinlan (D)</i> Requires the Department of Business, Economic Development, and Tourism, in accordance with the Hawaii Clean Energy Initiative program, to select and prioritize wind energy project sites using specified criteria. Companion bills are SB 957 and SB 959.	✓			
SB 700 <i>Senator J. Kalani English (D)</i> Prohibits the issuance of covered source air permits for coal-burning electricity generation facilities after 2022. Prohibits the approval of new power purchase agreements for electricity generated from coal.	✓			
SB 957 <i>Senator Gil Riviere (D)</i> Requires the Department of Business, Economic Development, and Tourism to select and prioritize wind energy project sites using specified criteria. Companion bill is HB 1498.	✓			
SB 959 <i>Senator Gil Riviere (D)</i> Requires the Department of Business, Economic Development, and Tourism to select and prioritize wind energy project sites using specified criteria. Companion bill is HB 1498.	✓			

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
LAND USE				
HB 1236 <i>Representative Cedric Gates (D)</i> Addresses Makua Valley. Establishes a Makua Valley Task Force to prepare for the transition of the Makua military reservation from the U.S. Army upon the expiration of the Army's lease for the land. Companion bill is SB 1435.	✓			
SB 1435 <i>Senator Maile S.L. Shimabukuro (D)</i> Addresses Makua Valley. Establishes a Makua Valley Task Force to prepare for the transition of the Makua military reservation from the U.S. Army upon the expiration of the Army's lease for the land. Companion bill is HB 1236.	✓			
NATURAL RESOURCES				
HB 264 <i>Representative Lynn DeCoite (D)</i> Requires the Department of Land and Natural Resources to prepare and submit to the Legislature a resource land acquisition plan to guide department land acquisitions. Companion bill is SB 703.	✓			
HB 376 <i>Representative Scott K. Saiki (D)</i> Requires supplemental environmental documentation for proposed projects if the proposed action is not completed within a specified time frame. Companion bill is SB 196.	✓			
*HCR 84 <i>Representative Cedric Gates (D)</i> Requests the Board of Land and Natural Resources to establish a Makua Valley task force to prepare for the transfer of management of the Makua Military Reservation to the state from the United States Army upon expiration of the Army's lease. Companion resolution is HR 49.	✓			
*HR 49 <i>Representative Cedric Gates (D)</i> Requests the Board of Land and Natural Resources to establish a Makua Valley task force to prepare for the transfer of management of the Makua Military Reservation to the state from the United States Army upon expiration of the Army's lease. Companion resolution is HCR 84.	✓			
SB 196 <i>Senator Gilbert S.C. Keith-Agaran (D)</i> Requires supplemental environmental documentation for proposed projects if the proposed action is not completed within a specified time frame. Companion bill is HB 376.	✓			
SB 703 <i>Senator J. Kalani English (D)</i> Requires the Department of Land and Natural Resources to prepare and submit to the Legislature a resource land acquisition plan to guide department land acquisitions. Companion bill is HB 264.	✓			
OTHER				
HB 990 <i>Representative Scott K. Saiki (D)</i> Relates to DOD facilities. Allows DOD to recoup operating costs when the adjutant general permits temporary use of department facilities to the public. Currently, the law requires that "all moneys received from the rentals shall be deposited into the general fund of the state." Companion bill is SB 1216.	✓	✓		

<i>Hawaii Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
HB 1575 <i>Representative Lynn DeCoite (D)</i> Prohibits any pesticide use unless the user is certified by the Department of Agriculture. Requires the department to include an educational component in the pesticide use certification process.	✓			
HB 1577 <i>Representative Tina Wildberger (D)</i> Authorizes and funds a pilot program using dogs to detect fireworks in inbound cargo from state harbors and inter-island transport. Requires the military to develop and implement a three-year pilot program to use dogs to inspect incoming cargo for illegal fireworks and explosives sent to the state and between the islands. The program shall begin no later than 1 JAN 20 and terminate 31 DEC 22.	✓			
* HCR 146 <i>Representative Joy San Buenaventura (D)</i> Urges the county of Hawaii to explore a memorandum of agreement with the United States Army to provide aeromedical evacuation services for underserved rural areas.	✓			
SB 1216 <i>Senator Ronald Kouchi (D)</i> Relates to DOD facilities. Allows DOD to recoup operating costs when the adjutant general permits temporary use of department facilities to the public. Currently, the law requires that "all moneys received from the rentals shall be deposited into the general fund of the state." Companion bill is HB 990.	✓			
WASTE				
HB 1443 <i>Representative Della Au Belatti (D)</i> Permits hospitals and clinics with on-site pharmacies, retail pharmacies, and law enforcement agencies to install and maintain take-back collection receptacles for controlled substances.	✓			
WATER				
* HB 444 <i>Representative Ryan I. Yamane (D)</i> Requires the Department of Health to adopt rules for onsite non-potable water systems by 1 JAN 20.	✓	✓		
HB 1105 <i>Representative Sean Quinlan (D)</i> Prohibits underground injection wells beginning in 2020. Allows an exemption for certain sewage wastewater injection wells until 2025, after which all injections wells are prohibited.	✓			
SB 1372 <i>Senator Kaiali'i Kahele (D)</i> Requires, by September 2019, that the Department of Health adopt rules for underground storage tanks and tank systems that conform to federal regulations and that include additional requirements for field-constructed underground storage tanks and tank systems.	✓			

In addition, Guam's legislative session began 14 JAN 19 and adjourns 31 DEC 20.

BCOR 25. Ultra-Low Sulfur Diesel Fuel Standard. Requires all diesel fuel used in Guam to meet EPA standards for ultra-low sulfur diesel fuel. Introduced 18 JAN 19.

BLS 70. Creates a task force to address used oil disposal. Requires the task force to gather information on used oil disposal; create goals for local policy to address safe disposal of used oil; and submit a report to the Legislature with recommendations for potential regulation, technical assistance from the U.S. government, interagency partnerships, or other actions for the safe disposal of used oil. Introduced 22 MAR 19.



No significant regulatory activities to report.

LEGISLATIVE SESSION: 4 FEB 19 THROUGH 3 JUN 19

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
AIR / CLIMATE CHANGE				
ENERGY				
SB 167 <i>Senator Christopher Brooks (D)</i> Revises provisions relating to public utilities. Excludes certain owners or operators of renewable energy systems from regulation as a public utility.	✓			
LAND USE				
NATURAL RESOURCES				
OTHER				
WASTE				
WATER				
AB 30 <i>Natural Resources, Agriculture and Mining Committee</i> Revises provisions governing the appropriation of water. Authorizes the State Engineer to approve a permit to appropriate water if specified actions are taken to eliminate all conflicts with existing water rights.	✓			
AB 51 <i>Natural Resources, Agriculture and Mining Committee</i> Revises provisions governing the management of water. Requires the State Engineer to adopt regulations relating to the conjunctive management of groundwater and surface water. The regulations may include requirements or guidelines for establishing mitigation plans; the creation of a program in a particular hydrologic basin to mitigate conflicts between groundwater and surface water users; and any other provision necessary.	✓			
AB 62 <i>Natural Resources, Agriculture and Mining Committee</i> Revises provisions related to water. Authorizes the State Engineer to grant an extension to complete work for a water diversion project or to suspend a time limitation.	✓			

<i>Nevada Bill Number, Sponsor, and Description</i>	<i>Bill Introduced</i>	<i>Passed 1st House</i>	<i>Passed 2nd House</i>	<i>Status</i>
SB 47 <i>Senate Committee on Natural Resources</i> Revises provisions relating to state lands. Clarifies when an authorization from the State Land Registrar is required to perform work below the high water mark of a navigable river. Requires dredge and fill permit fees be established. Makes other changes to state land rules.	✓			
SB 140 <i>Senate Committee on Natural Resources</i> Revises provisions relating to the appropriation of water in certain basins. Requires the State Engineer, for basins in which there is available water, to reserve 10 percent of the remaining available water. Allows the State Engineer to authorize the use of reserved water on an emergency basis.	✓			

Federal Activity

AIR

REVIEW OF PRIMARY NATIONAL AMBIENT AIR QUALITY STANDARDS FOR SULFUR OXIDES. EPA has issued a final rule announcing that based on its review of the air quality criteria addressing human health effects and the primary NAAQS for sulfur oxides, EPA is retaining the current standard, without revision ([84 FR 9866](#)). The final rule becomes effective 17 APR 19.

CLEAN AIR ACT CITIZEN SUIT—PROPOSED CONSENT DECREE. EPA issued notice of a proposed consent decree that would establish deadlines for EPA to review and revise if necessary the Furnaces and Bulk Gasoline NSPS at least every eight years; and to review and revise if necessary the Major Source Bulk Gasoline, Area Source Bulk Gasoline, Foundries, and Wood Preserving NESHAP no less often than every eight years under CAA section 112(d)(6) ([84 FR 7895](#)). The proposed consent decree would resolve a lawsuit filed by Our Children's Earth Foundation seeking to compel EPA to take action under the CAA to review the existing New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) governing several source categories. Comments were due 4 APR 19.

NEW EQUIVALENT METHOD FOR OZONE MEASUREMENT. EPA has designated one new equivalent method for measuring concentrations of ozone (O₃) in ambient air ([84 FR 11973](#)). The new equivalent method for O₃ is an automated method (analyzer) utilizing the measurement principle based on UV photometry. A list of all reference or equivalent methods previously designated by EPA is available [here](#).

ENERGY

ETHANOL-GASOLINE BLENDS. EPA has issued a proposed rule to allow gasoline blended with up to 15 percent ethanol (E15) to take advantage of the 1-psi Reid Vapor Pressure (RVP) waiver for the summer months. Historically, the waiver has been applied only to gasoline blended with 10 percent ethanol (E10) ([84 FR 10584](#)). Under the proposed rule, E15 could be sold year-round without additional RVP control, rather than just eight months of the year. EPA is also proposing regulatory changes to modify elements of the renewable identification number compliance system under the Renewable Fuel Standard program. A public hearing was held 29 MAR 19 and comments are due 29 APR 19. For more information, click [here](#).

WESTERN ENERGY CORRIDORS. The Bureau of Land Management (BLM), U.S. Forest Service (USFS), and U.S. Department of Energy (DOE) [announced](#) they have published draft energy corridor abstracts for their regional review of 59 energy corridors across BLM and USFS lands, in accordance with section 368 of the Energy Policy Act of 2005. The energy corridors are located in California, Idaho, Montana, Nevada, Oregon, Washington, and Wyoming. The purpose of the regional reviews is to examine new relevant information and stakeholder input on the section 368 energy corridors, including corridors of concern. Based on this information, the agencies identify potential revisions, deletions, or additions to the corridors and identify possible changes to the interagency operating procedures. Comments were due 8 APR 19.

HAZARDOUS MATERIAL

NEW MAILING STANDARDS FOR MAILPIECES CONTAINING LIQUIDS. The U.S. Postal Service has issued a final rule revising the Domestic Mail Manual, and 39 CFR Part 111, to clarify and supplement the mailing standards for mailpieces containing liquids ([84 FR 9716](#)). Current mailing standards require triple packaging only for “breakable” primary containers over four ounces. The revision requires mailers of all liquids in nonmetal containers and certain metal containers to provide triple packaging, including absorbent cushioning materials, sealed secondary packaging, and a strong outer mailing container. Breakable containers include those made of glass, plastic, porcelain, and earthenware. Metal containers with pull-tabs or friction-top closures, having a capacity of more than four fluid ounces, must be triple-packaged. The final rule became effective 28 MAR 19.

NATURAL RESOURCES

NATIONAL CONSERVATION PRACTICE STANDARDS. The Natural Resource Conservation Service will review the national conservation practice standards in the National Handbook of Conservation Practices and is requesting comments from the public about how to improve conservation practice standards ([84 FR 8663](#)). Comments are due 25 APR 19.

GREATER SAGE-GROUSE PLAN AMENDMENTS. BLM revised six resource management plans (RMPs) for the greater sage-grouse in California, Colorado, Idaho, Nevada, Oregon, Utah, and Wyoming. The RMPs guide conservation of greater sage-grouse habitat on BLM-managed lands. As part of the RMP amendment process, BLM prepared six environmental impact statements (EISs) that analyze the amendments to the 2015 RMPs. Records of Decision (RODs) for the EISs and RMP amendments were issued 15 MAR 19. The EISs, RODs, and RMP amendments are available [here](#).

S. 47 JOHN D. DINGELL, JR. CONSERVATION, MANAGEMENT, AND RECREATION ACT. This bill addresses provisions regarding various programs, projects, activities, and studies for the management and conservation of natural resources on federal lands, including multiple land withdrawals, conveyances, and boundary adjustments. The bill also provides for a desert tortoise conservation center, wildlife habitat and conservation, and endangered fish recovery programs. The bill became law 12 MAR 19.

THREATENED AND ENDANGERED SPECIES

GRAY WOLF. The U.S. Fish and Wildlife Service is proposing to remove the [gray wolf](#) (*Canis lupus*) from the List of Endangered and Threatened Wildlife ([84 FR 9648](#)). The gray wolf is currently listed as endangered (threatened in Minnesota) in the contiguous United States and Mexico. The proposed removal is based on recovery of the species. The proposed rule does not have any effect on the separate listing of the Mexican wolf (*Canis lupus baileyi*) as endangered. Comments are due 14 MAY 19.

TOXICS

HEXAVALENT CHROMIUM. EPA released the *Systematic Review Protocol for the Hexavalent Chromium (Cr(VI)) Integrated Risk Assessment Protocol (IRIS) Assessment* ([84 FR 9516](#)). The document communicates the rationale for conducting the assessment of Cr(VI), describes screening criteria to identify relevant literature, outlines the approach for evaluating study quality, and describes the process of evidence synthesis/integration and dose-response methods. The protocol

includes the list of studies currently considered in the IRIS assessment. A public science webinar is scheduled for 24 APR 19. Comments on the IRIS assessment are due 29 APR 19. For more information about the Cr(VI) IRIS assessment, click [here](#).

CONSUMER SALE OF PAINT REMOVERS WITH METHYLENE CHLORIDE BANNED. EPA issued a final rule prohibiting the manufacture (including import), processing, and distribution of methylene chloride in all paint removers for consumer use ([84 FR 11420](#)). EPA has taken this action because of fatalities that have resulted from exposure to the chemical. Paint removal products containing methylene chloride may not be sold at any retail or distribution establishments that have consumer sales, including e-commerce sales. Those prohibitions start 180 days after the effective date of the final rule, which provides time for establishments selling this chemical to consumers to come into compliance with EPA's ban. EPA is also requiring manufacturers, processors, and distributors to notify retailers and others in their supply chains of the prohibitions and to keep basic records. In a related matter, EPA is also soliciting public input for a future rulemaking that could establish a training, certification, and limited access program for methylene chloride for commercial uses ([84 FR 11466](#)). EPA is asking for input on the key elements required for such a program; comments are due 28 MAY 19. The final rule becomes effective 28 MAY 19.

2017 TOXIC RELEASE INVENTORY. EPA has made available the 2017 Toxics Release Inventory data and analyses. EPA notes significant reductions in the 10 year period from 2007 to 2017, adding that "Almost every sector reduced its releases to air, with the largest reduction coming from the electric utilities sector." An executive summary, full report, and summary data are available [here](#).

SIGNIFICANT NEW USE RULES ON CERTAIN CHEMICAL SUBSTANCES. EPA has issued proposed significant new use rules (SNURs) under the Toxic Substances Control Act (TSCA) for 28 chemical substances that were the subject of premanufacture notices ([84 FR 9999](#)). The chemical substances are subject to consent orders issued by EPA pursuant to section 5(e) of TSCA. This action would require persons who intend to manufacture, import, or process any chemical substances for an activity that is proposed as a significant new use to notify EPA at least 90 days before commencing that activity. The required notification initiates EPA's evaluation of the intended use within the applicable review period. Persons may not commence manufacture, importing, or processing for the significant new use until EPA has conducted a review of the notice, made an appropriate determination on the notice, and has taken such actions as are required with that determination. Comments are due 3 MAY 19.

INITIATION OF PRIORITIZATION UNDER TSCA. EPA, as required under TSCA and related implementing regulations, has initiated the prioritization process for 20 chemical substances as candidates for designation as High Priority Substances for risk evaluation, and for 20 chemical substances as candidates for designation as Low Priority Substances for risk evaluation ([84 FR 10491](#)). The Federal Register notice provides the identity of the chemical substances being initiated for prioritization, a general explanation of why EPA chose these chemical substances, and information on the data sources EPA plans to use to support the designation. Comments are due 19 JUN 19.

GAO REPORT—TSCA ASSESSMENTS. The Government Accountability Office (GAO) issued the report, *Status of EPA's Efforts to Produce Assessments and Implement the Toxic Substances Control Act* ([GAO-19-270](#)). The report describes the extent to which EPA's IRIS program has addressed identified challenges and made progress toward producing chemical assessments, and implementing TSCA. GAO found that EPA made improvements in timeliness and transparency of its assessment process until May 2018, when progress stalled.

LITHIUM BATTERY AIR TRANSPORT. The Pipeline and Hazardous Materials Safety Administration issued an interim final rule (IFR) revising the Hazardous Materials Regulations for lithium cells and batteries transported by aircraft ([84 FR 80016](#)). The IFR prohibits the transport of lithium-ion cells and batteries as cargo on passenger aircraft; requires lithium-ion cells and batteries to be shipped at not more than a 30 percent state of charge aboard cargo-only aircraft when not packed with or contained in equipment; and limits the use of alternative provisions for small lithium cell or battery shipments to one package per consignment. The IFR does not restrict passengers or crew members from bringing personal items or electronic devices containing lithium cells or batteries aboard aircraft or restrict cargo-only aircraft

from transporting lithium-ion cells or batteries at a state of charge exceeding 30 percent when packed with or contained in equipment or devices. The interim final rule was effective 6 MAR 19. Comments are due 6 MAY 19.

HR 535. The PFAS Action Act of 2019 would require EPA to designate per- and polyfluoroalkyl substances (PFAS) as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Introduced.

HR 7284. The PFAS Detection Act of 2018 would require the U.S. Geological Survey to perform a nationwide survey of perfluorinated compounds in estuaries, lakes, streams, springs, wells, wetlands, rivers, aquifers, air, and soil using a performance standard developed in accordance with the act. Introduced.

WASTE

LIQUIDS MANAGEMENT AT MUNICIPAL SOLID WASTE LANDFILLS—COMMENT PERIOD EXTENDED. In December 2018, EPA issued an [advance notice of proposed rulemaking](#) to solicit comment on potential revisions to the criteria for municipal solid waste landfills and associated issues related to advances in liquids management. The comment period has been extended to 10 MAY 19 ([84 FR 8496](#)).

Department of Defense Activity

SUPPLY CHAIN MATERIEL MANAGEMENT POLICY. [DOD Instruction \(DODI\) 4140.01](#), DOD Supply Chain Materiel Management Policy, was released effective 6 MAR 19. The DODI establishes policy and assigns responsibilities for management of materiel across the DOD supply chain.

REASSIGNMENT OF ARMY INSTALLATION MANAGEMENT COMMAND. Effective 1 MAR 19, Army Installation Management Command (IMCOM) together with its subordinate element (U.S. Army Environmental Command) authorities, responsibilities, personnel, and resources (including funding and equipment) is discontinued as a direct reporting unit to the Chief of Staff, Army, and is reassigned as a major subordinate command of U.S. Army Materiel Command ([GO 2019-13](#)).

Professional Development

US ARMY CORPS OF ENGINEERS PROSPECT TRAINING. USACE released the [FY 2020 PROSPECT](#) (Proponent-Sponsored Engineer Corps Training) program. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [course catalog](#) and list of classes and schedule for details. Environmental courses include, but are not limited to:

- The RCRA Complete (Course Control Number (CCN) 226)
- Environmental Regulations Practical Application Course (CCN 398)
- CERCLA/RCRA Process (CCN 356)
- Hazardous Waste Manifesting & DOT Certification (CCN 223)
- Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN 429)
- Radioactive Waste Transport (CCN 441)

- Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141)
- Environmental Remediation Technologies (CCN 395)
- Environmental Laws and Regulations (CCN 170)

NAVY CIVIL ENGINEER CORPS OFFICERS SCHOOL TRAINING. The [Navy Civil Engineer Corps Officers School](#) (CECOS) offers training on environmental management, pollution prevention, environmental compliance, environmental conservation and planning, and environmental restoration. Energy course offerings include Leadership in Energy and Environmental Design, Energy Information Administration, and Energy Technology Information. Click [here](#) for information on course offerings and times. Courses offered by CECOS are available to all military and civilian employees of the U.S. government, free of charge. Travel costs are borne by the student.

AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING. The [Air Force Civil Engineer School](#) offers a variety of environmental management courses and seminars, including Interservice Environmental Education Review Board (ISEERB) offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government, free of charge. Travel costs are borne by the student.

FEDERAL TRAINING SOURCES

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

- Program development (e.g., environmental management systems, green procurement program);
- Federal and state regulatory requirements for various facility activities;
- Access to [environmental assistance](#);
- Access to free, [FedCenter-sponsored courses](#)
- Applicable laws and Executive Orders; and
- [Partnerships](#).

FedCenter also provides member assistance services such as collaboration tools for workgroups, environmental reporting tools, and daily newsletter and subscription services.

SERDP AND ESTCP WEBINAR SERIES (ONLINE). DOD's environmental research and development funding programs, the Strategic Environmental and Research and Development Program and the Environmental Security Technology Certification Program ([SERDP and ESTCP](#)), launched a [webinar series](#) to promote the transfer of innovative, cost-effective, and sustainable solutions developed using SERDP and ESTCP funding. Live webinars are offered every two weeks on Thursdays from 12:00 p.m. Eastern for 90 minutes. Most webinars feature two 30-minute presentations and interactive question and answer sessions on topics targeted for DOD and DOE audiences. Prior presentations are archived for viewing any time. Recently archived webinars are available on demand [here](#).

BIOBASED PRODUCT TRAINING SERIES (ONLINE). The U.S. Department of Agriculture (USDA) offers a series of [on-demand training modules](#) about biobased products and the BioPreferred® Program:

- [Fundamentals: Biobased Products and the BioPreferred® Program](#)
- [Contracting Officer Role in Contractor Reporting of Biobased Product Purchases](#)
- [BioPreferred® Training for USDA Acquisition Community](#)
- [From Awareness to Action: The BioPreferred® Federal Procurement Preference Program](#)
- [Products in Operations, Maintenance, and Cleaning](#)

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

SUSTAINABLE ACQUISITION FOR FEDERAL AGENCIES (ONLINE). The two-hour [course](#) provides staff involved in specifying and purchasing with a thorough introduction to compliance requirements, processes, and tools for procuring sustainable products and services. Participants will receive specific guidance in how to meet executive order and Federal Acquisition Regulation requirements and understand how sustainable acquisition benefits their agency, community, and the environment.

SUSTAINABLE ACQUISITION TRAINING RESOURCES (ONLINE). The interagency federal Sustainable Acquisition & Materials Management Practices Workgroup compiled a [spreadsheet](#) of sustainable-acquisition training resources developed or hosted by federal agencies that are available to government employees, businesses, and non-governmental organizations.

FEMP eTRAINING COURSES (ONLINE). The Federal Energy Management Program (FEMP) offers interactive, [eTraining courses](#) to help federal agencies develop core competencies and comply with energy efficiency, renewable energy, water management, and sustainability requirements. FEMP is partnering with the National Institute of Building Sciences' Whole Building Design Guide to host these comprehensive, FEMP-developed eTraining courses.

ENERGY STAR (ONLINE). EPA's [Energy Star program](#) helps identify and promote energy efficiency in products, homes, and buildings. EPA hosts a [webinar series](#) that covers a range of topics, from how to benchmark in Portfolio Manager to financing energy efficiency improvements to how to engage building occupants.

ITRC TRAINING (ONLINE). The Interstate Technology and Regulatory Council (ITRC) is a state-led coalition working with federal partners, industry, academia, and stakeholders to achieve regulatory acceptance of environmental technologies. In conjunction with EPA's Technology Innovation and Field Services Division, ITRC delivers [training courses](#) to reach a geographically dispersed audience of regulators, consultants, and other members of the environmental community. The training sessions last approximately two hours, cover technical and regulatory information specific to environmental technologies and innovative approaches, and are supported by consensus-based ITRC guidance documents. The schedule of 2019 online training events can be viewed [here](#). Training is provided at no-cost to participants.

GENERAL CONFORMITY TRAINING MODULES (ONLINE). The General Conformity Rule ensures that the actions taken by federal agencies in nonattainment and maintenance areas do not interfere with a state's plans to meet national standards for air quality. EPA's [online conformity training program](#) covers all aspects of the rule and is divided into four modules.

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES (ONLINE). This U.S. Geological Survey [webinar series](#) was developed to help those engaged in climate science research better understand the range of approaches for developing actionable science. Video recordings with closed captioning are made available one to two weeks after each presentation. Information on upcoming webinars is available from the BioClimate newsletter ([click](#) to subscribe).

NATIONAL CONSERVATION TRAINING CENTER WEBINAR SERIES (ONLINE). This [webinar series](#) is produced by a partnership between the National Oceanic and Atmospheric Administration and the U.S. Fish and Wildlife Service. Archived webinars are available [here](#).

COOPERATIVE FEDERALISM WEBINAR (ONLINE). The Environmental Council of the States (ECOS) released a [webinar](#), available on demand, highlighting ECOS' [paper](#) on Cooperative Federalism 2.0 and offering a deeper look into the EPA-state relationship.

MANAGING CLEANUP AT SITES IMPACTED BY 1,4-DIOXANE (ONLINE). This [webinar](#), hosted by SERDP and ESTCP, explains managing cleanup or restoration at sites impacted by 1,4-dioxane. The webinar includes presentations addressing natural attenuation and conceptual site modeling.

REPI WEBINAR SERIES FOR 2019. DOD's Readiness and Environmental Protection Integration (REPI) Program announced the [2019 REPI Webinar Series schedule](#). The webinars showcase best practices and lessons learned from REPI partnerships nationwide that support military missions and accelerate the pace of conservation. Unless otherwise noted, all webinars begin at 1:00 p.m. Eastern Time.

- 5 JUN 19: [Leveraging the New REPI Installation Resiliency Authority](#)
- 10 JUL 19: [How to Obtain Regulatory Relief for Endangered Species without Purchasing a Real Estate Interest](#)
- 28 AUG 19: [REPI and the National Defense Strategy: Rebuilding Readiness by Protecting Key Capabilities](#)
- 9 OCT 19: [Measuring Impacts: Developing Mission Benefit Metrics](#)
- 27 NOV 19: [REPI and the Farm Bill](#)
- 8 JAN 20: [How to Introduce Local Businesses into your REPI Partnership](#)

***AIR FORCE REGIONAL ENVIRONMENTAL SUMMITS.** The Air Force invites attendees to their Regional Environmental Restoration Summits to join the environmental restoration conversation with their regional EPA partners. Upcoming Air Force Summits are as follows:

- 22-23 MAY, Western Summit, Phoenix, Arizona
- 26-27 JUN, Central Summit, New Orleans, Louisiana
- 24-25 JUL, Eastern Summit, Chicago, Illinois

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

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How the Regional Offices Work for You

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations.

The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to assure that DOD and Services' interests are represented.

To comment on items in the *Western Review*, please contact the Regional Environmental Coordinator listed at the top of each region's section.

To be added to the *Western Review* distribution list, email the [Regulatory Affairs Specialist](#).

