



Central Review

of Legislative & Regulatory Actions

The U.S. Army Regional Environmental & Energy Office

February 2019

The *Central Review* publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the nine states in Federal Regions 6 and 7 the *Central 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.

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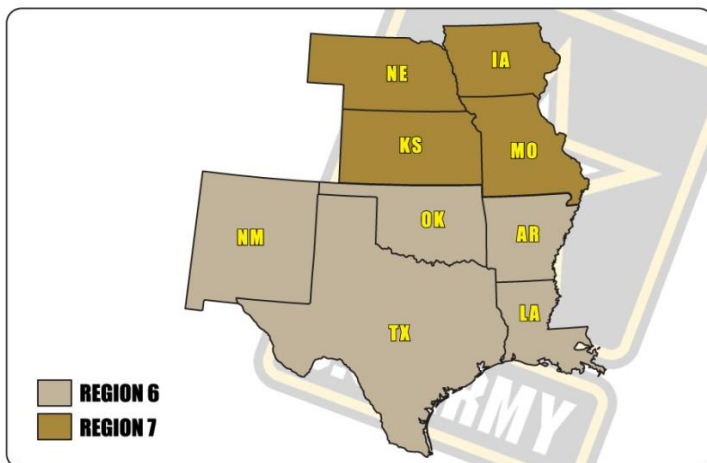


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BEEHLER CONFIRMED As ASA (IE&E)

Alex A. Beehler was confirmed by the U.S. Senate on Jan. 2, 2019, and sworn in as the 16th assistant secretary of the U.S. Army for Installations, Energy and Environment (ASA (IE&E)) on Jan. 10, 2019.

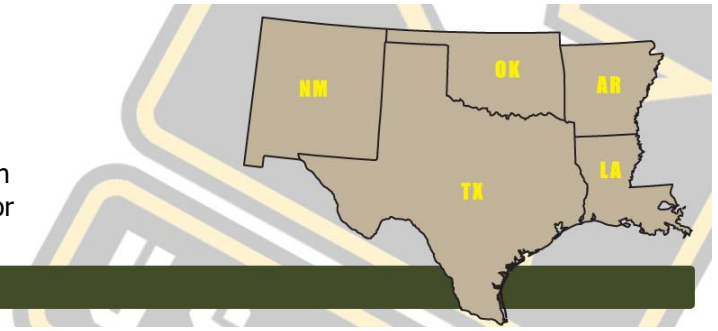
As ASA (IE&E), he is the primary advisor to the Secretary of the Army and Chief of Staff of the Army for all matters related to Army installation policy and oversight, and coordination of energy security and management. In addition, he is responsible for policy and oversight of sustainability and environmental initiatives; resource management, including design, military construction, operations and maintenance; Base Realignment and Closure; privatization of the Army real estate portfolio, and installations' Safety and Occupational Health programs.

According to his [biography](#), Mr. Beehler previously served from 2004 to 2009, in the Office of Under Secretary of Defense for Installations and Environment, first as the Assistant Deputy for Environment, Safety and Occupational Health, then Principal Deputy, and Acting Deputy Under Secretary. In those capacities, Mr. Beehler served as the principal assistant and advisor for all environmental, safety and occupational health policies and programs in the Department of Defense. Those programs included cleanup at active and closing bases, compliance with environmental laws, conservation of natural and cultural resources, pollution prevention, environmental technology, fire protection, safety and explosive safety, and pest management and disease control for defense activities worldwide. He also was the first Chief Sustainability Officer of the Department of Defense.

Mr. Beehler is a member of the bar of Maryland, Virginia, and the District of Columbia. He received a bachelor's degree from Princeton University in public and international affairs and a law degree from the University of Virginia.

Region 6

For more information or to comment on any state issues in Region 6, contact your Regional Environmental Coordinator listed in the [Staff Directory](#).



LEGISLATIVE SESSION: 14 JAN 19 THROUGH 2 MAY 19

PROPOSED LEGISLATION

HB 1215 creates the Transformation and Efficiencies Act of 2019, and establishes the cabinet-level Department of Energy and Environment. Sponsor: Representative Andy Davis (R).

SB 145 amends the definition of "public utility" as well as certain definitions under the Arkansas Renewable Energy Development Act of 2001. A "public utility" is not a net-metering customer as defined in § 23-28 18-603; is not a net-metering facility as defined in § 23-30 18-603, or that develops, plans, installs, constructs, or otherwise provides a net-metering facility as defined in § 23-18-603 to a net-metering customer as defined in § 23-18-603. Sponsor: Senator David Wallace (R).

PROPOSED RULE

AIR REGULATORY EFFICIENCY AND STREAMLINING EFFORT COLLABORATIVE MEETING. The Department of Environmental Quality (DEQ) has requested public input regarding the Air Regulatory Efficiency and Streamlining Effort (EASE) Collaborative, which will develop recommendations for streamlining four Arkansas Pollution Control & Ecology Commission (APC&EC) regulations: Regulation 18, Regulation 19, Regulation 26, and Regulation 31. A hearing was held 22 JAN 19. POC: [Public Information Officer](#), (501) 682-0916.



LEGISLATIVE SESSION: 8 APR 19 THROUGH 6 JUN 19

FINAL RULES

EMERALD ASH BORER QUARANTINE (LAC 7:XV.167). The Department of Agriculture and Forestry has adopted emergency regulations establishing a quarantine in Caddo Parish for the emerald ash borer (EAB), *Agrilus planipennis Fairmaire*. The state entomologist has determined that EAB has been found in Caddo Parish and may be prevented, controlled, or eradicated by quarantine. This quarantine was added to the existing one that became effective 10 DEC 18.

RISK EVALUATION/CORRECTIVE ACTION PROGRAM (RECAP) REVISIONS (LAC 33:I.1307). DEQ has proposed a rulemaking to adopt by reference the revised RECAP regulation that serves as the minimum remediation standards for soil and groundwater. A hearing is scheduled for 1 MAR 19 and comments are due 8 MAR 19. POC: [Deidra Johnson](#).

NEW AND USED MOTOR OIL STORAGE FEE CORRECTION (LAC 33:XI.307). DEQ has proposed a rulemaking that will correct the fee for storing new or used motor oil in underground storage tanks. A hearing is scheduled for 1 MAR 19 and comments are due 8 MAR 19. POC: [Deidra Johnson](#).

WATER QUALITY TRADING PROGRAM (LAC 33:IX. Chapter 26). DEQ has proposed a rulemaking that will establish and administer a water quality trading program as an inducement to reduce discharges of pollutants into waters of the state. A hearing is scheduled for 1 MAR 19 and comments are due 8 MAR 19. POC: [Deidra Johnson](#).

WATER TRANSFER RULE (LAC 33:IX.2315). DEQ has proposed a rule that is identical to federal regulations found in 40 CFR Part 122.3(i), which are applicable in Louisiana. This rule adds water transfer discharges to the list of exclusions for a Louisiana Pollutant Discharge Elimination System (LPDES) permit. A hearing is scheduled for 1 MAR 19 and comments are due 1 MAR 19. POC: [Deidra Johnson](#).



LEGISLATIVE SESSION: 15 JAN 19 THROUGH 16 MAR 19

PROPOSED LEGISLATION

HB 174 directs the office of the state engineer to complete all preparations for priority administration in the lower and middle Rio Grande basins, and directs the interstate stream commission to undertake water planning. Sponsor: Representative Tomas Salazar (D).

HB 186 reforms the general powers of the Interstate Stream Commission to include water planning, enacting the regional water planning act, and providing criteria and direction for state and regional water planning. Sponsors: Representative Tomas Salazar (D) and Senator Peter Wirth (D).

HB 206 enacts the Environmental Review Act (ERA). The ERA provides rulemaking authority to the Environmental Improvement Board, and enumerates the powers and duties of lead and cooperating agencies. Upon request of a lead agency, any other state agency that has jurisdiction by law shall be a cooperating agency. In addition, any other state agency that has special expertise with respect to any environmental issue that may be addressed in the ERA process may be a cooperating agency. Sponsors: Representative Gail Chasey (D) and Senator Mimi Stewart (D).

HB 220 amends the Water Quality Act to determine where the effect of a discharge on ground or surface water is to be determined. Sponsor: Representative Matthew McQueen (D).

HB 266 enacts the Forest and Watershed Restoration Act to oversee large-scale forest and watershed restoration projects. Project sponsors include a federal, state or local government agency, tribal entity, corporation, or organization that applies for a project. The act establishes a board, provides powers and duties, provides criteria for the evaluation and funding of projects, and makes a distribution from the New Mexico Irrigation Works Construction fund and the Improvement of Rio Grande income fund. Sponsors: Representative Paul C. Bandy (R) and Senator Peter Wirth (D).

HB 283 AND SB 275 increases the requirements of the renewable portfolio standard for rural electric cooperatives and public utilities. The renewable portfolio standard shall increase so that renewable energy shall comprise the following percentages of the distribution cooperative's total retail sales in New Mexico: 25 percent by 1 JAN 25; 40 percent by 1 JAN 30; 55 percent by 1 JAN 35; 70 percent by 1 JAN 40; and 80 percent by 1 JAN 45. Sponsors: Representative Nathan Small (D) and Senator Mimi Stewart (D).

HB 366 makes it a violation for a person or government entity to use a trap, snare or poison for purposes of capturing, injuring or killing an animal on public land except as provided in Section 4 of the Wildlife Protection and Public Safety Act.

Sponsors: Representative Matthew McQueen (D), Representative Christine Chandler (D) and Representative Roberto "Bobby" J. Gonzales (D).

SB 203 renames the Department of Game and Fish as the Wildlife Department, and renames the State Game Commission as the State Wildlife Commission. Sponsor: Senator Jeff Steinborn (D).

SB 228 enacts the Wildlife Corridors Act (WCA). The WCA identifies and protects wildlife corridors; and requires a wildlife corridors action plan to be created that provides comprehensive guidance to state agencies for identifying, prioritizing and maintaining important areas for wildlife movement. Sponsors: Senator Mimi Stewart (D), and Representatives Georgene Louis (D) and Joanne J. Ferrary (D).

FINAL RULE

REMOVAL OF BRACK'S CACTUS FROM LIST OF STATE ENDANGERED PLANTS (19.21.2 NMAC). The Energy, Minerals and Natural Resources Department has adopted amendments to the Endangered Plant Species List and Collection Permits, removing *Sclerocactus cloveriae* subsp. *brackii* (Brack's cactus) from the list of state endangered plants. This rule became effective 15 JAN 19.



LEGISLATIVE SESSION: 5 FEB 19 THROUGH 25 MAY 19

PROPOSED LEGISLATION

HB 1150 modifies the Conservation Cost-share Program to expand eligible projects to include projects to reduce feral swine populations by use of electronic hog traps. Sponsor: Representative Jim Grego (R).

HB 1204 relates to state waters and water rights. In order to properly administer water rights and meet the requirements of federal law for the streams of the state, beneficial flows shall be scientifically established. Sponsor: Representative Jim Grego (R).

HB 1403 directs the Oklahoma Water Resources Board to determine instream flows for certain rivers. Sponsor: Representative Justin Humphrey (R).

HB 1423 directs the Grand River Dam Authority to promulgate rules and procedures relating to the removal of gravel from the Barren Fork and Illinois rivers. Sponsor: Representative David Hardin (R).

HB 2001 requires that certain school safety plans include plans and procedures for protections from carbon monoxide exposure. Sponsor: Representative Jadine Nollan (R).

SB 241 requires fuel retailers to display the fuel ratings of alternative liquid automotive fuels on all signage. The signage must distinguish between ethanol-blended gasoline and unblended gasoline. Additionally, prices displayed on signage must match the actual price at the pump and must designate whether the fuel is blended with ethanol. The measure provides authorized signage options. Any differences in price between cash and credit must also be displayed. Sponsor: Senator Larry Boggs (R).

SB 328 AND SB 330 require notification for taking and use of water. An applicant shall provide notice, in the local newspaper of the relevant county or, if not available, on the Oklahoma Water Resources Board website, of intent to take and use the stored water. Sponsor: Senator Greg McCortney (R).

SB 378 requires certain reports to be submitted and made available electronically for hazardous material incidents. Sponsor: Senator Rob Standridge (R).

SB 529 authorizes certain compensation for producers of solar energy, and modifies billing procedures for utilities in certain circumstances. Sponsor: Senator Mary Boren (D).

SB 548 expands the designated scenic river at the Illinois River in Adair, Delaware, and Cherokee counties to include the area above the Horseshoe Bend public use area boat ramp of Tenkiller Ferry Lake. Sponsor: Senator Wayne Shaw (R).

SB 749 authorizes funding for infrastructure projects pursuant to Public-Private Partner Development Pool. "Public-Private Partner Development Pool" means proceeds of obligations sold by the Oklahoma Development Finance Authority to provide resources for eligible local government entities to provide financing for infrastructure in conjunction with for-profit business entities and federal government defense entities. "Federal government defense entities" means U.S. Department of Defense installations in Oklahoma including Fort Sill, Tinker Air Force Base, Altus Air Force Base, Vance Air Force Base, and McAlester Army Ammunition Plant. Sponsor Senator Dave Rader (R).

SB 865 requires that certain stream water permits be subject to certain future instream flows. The purpose of this act is to provide for the determination of the seasonal amounts of water that must remain in certain streams, while preserving existing property and water rights, to assure healthy streams, abundant fish, wildlife, and water. Sponsor: Senator Joseph Silk (R).

SB 904 pertains to individual wind turbines, setback requirements, and notifications by the Aeronautics Commission. This bill would require the Aeronautics Commission to provide certain notifications to the Strategic Military Planning Commission, and require the Strategic Military Planning Commission to notify affected military base commanders. Sponsor: Senator Adam Pugh (R).

SB 964 modifies the timeline for certain required notices for intent to build a wind generation facility. Sponsor: Senator Nathan Dahm (R).

SB 1003 creates the Oklahoma Environmental, Health, and Safety Audit Privilege Act. The purpose of this act is to encourage voluntary compliance with environmental and occupational health and safety laws. Sponsor: Senator Mark Allen (R).

FINAL RULE

WIND ENERGY EMERGENCY RULE (OAC 165:35-45-1). This emergency rule establishes rules and procedures for an entity that builds, constructs, owns, operates, controls, manages, or maintains a wind energy facility within Oklahoma. Part of this emergency rule aims to prevent, minimize, or mitigate adverse impacts on military training, testing, and readiness operations by requiring consultation with the Military Aviation and Installation Assurance Siting Clearinghouse. This rule became effective on 7 DEC 18.

PROPOSED RULES

ABOVEGROUND STORAGE TANKS (OAC 165:26). The Corporation Commission (CC) has proposed amendments to rules regarding aboveground storage tanks. The proposed amendments include updates to inspection, enforcement, and monitoring. A hearing was scheduled for 15 JAN 19. POC: [Travis Weedn](#), (405) 521-4150.

FUEL INSPECTIONS (OAC 165:15). The CC has proposed amendments to rules regarding fuel inspections. The regulations pertain to storage tanks used to store petroleum fuel. Tank system tightness testing would no longer be allowed as a method of leak detection. For smaller fuel storage tanks, the use of manual tank gauging as a form of release detection would only be allowed to be used for tanks with a capacity of up to 1,000 gallons. A hearing was scheduled for 15 JAN 19. POC: [Travis Weedn](#), (405) 521-4150.

UNDERGROUND STORAGE TANKS (OAC 165:25). The CC has proposed amendments to rules regarding underground storage tanks. The proposed amendments include updates to inspection, enforcement, and monitoring. A hearing was scheduled for 15 JAN 19. POC: [Travis Weedn](#), (405) 521-4150.



LEGISLATIVE SESSION: 8 JAN 19 THROUGH 27 MAY 19

PROPOSED LEGISLATION

HB 720 relates to appropriations of water for use in aquifer storage and recovery projects. Sponsor: Representative Lyle Larson (R).

HB 817 (COMPANION SB 655) relates to a restriction on permits authorizing direct discharges of waste or pollutants into water in certain areas of the Edwards Aquifer. Sponsor: Representative Tracy O. King (D).

HB 893 relates to the carcinogenic risk level for certain environmental remediation benchmarks. The Texas Commission on Environmental Quality (TCEQ) shall set each carcinogenic risk level used by TCEQ in the development of a protective concentration level, risk-based exposure limit, or any other remediation standard, at a rate not greater than one in one million. Sponsor: Representative Harold V. Dutton (D).

HB 911 relates to the creation and functions of the Lake Houston Watershed Commission. Sponsor: Representative Dan Huberty (R).

HB 942 creates the Global Climate Change Commission and assigns a representative from the Texas Military Preparedness Commission. Sponsor: Representative Rafael Anchia (D).

HB 944 requires posting of notice of intent to obtain a permit from the TCEQ at the site of the facility or proposed facility for which the permit is sought. Sponsor: Representative Harold V. Dutton (D).

HB 969 relates to the authority of a political subdivision to regulate the removal by a landowner of noxious or invasive plant species or brush species detrimental to water conservation from the landowner's property. Notwithstanding any other law, a municipality or county may not adopt or enforce an ordinance, order, rule, or other regulation that prohibits or limits the removal by a landowner of any noxious brush located on the landowner's property. Sponsor: Representative Drew Springer (R).

HB 990 relates to a study by the Texas Water Development Board and TCEQ regarding the effects of the construction of a border wall on storm drainage and other environmental matters in this state. Sponsor: Representative Roland Gutierrez (D).

HB 997 relates to testing for lead contamination in public school drinking water. Sponsor: Representative Nicole Collier (D).

FINAL RULES

DFW AND HGB 2008 EIGHT-HOUR OZONE NONATTAINMENT AREAS. TCEQ has given notice that EPA is expected to reclassify the Dallas-Fort Worth and Houston-Galveston-Brazoria 2008 eight-hour ozone nonattainment areas. Both areas are currently classified as moderate and both are expected to be reclassified to serious.

TEXAS GROUNDWATER PROTECTION STRATEGY UPDATE. The Texas Groundwater Protection Committee has completed the process of updating its Texas Groundwater Protection Strategy and adopted the updates to the strategy at the quarterly public meeting 17 OCT 18.

PROPOSED RULES

RADIATION CONTROL (25 TAC §289.232). The Health and Human Services Commission has proposed new regulations concerning radiation control for dental radiation machines. Comments were due 10 FEB 19. POC: [Chuck Flynn](#), (512) 834-6655.

PROPOSED EL PASO REDESIGNATION REQUEST AND MAINTENANCE PLAN SIP REVISION FOR ONE-HOUR OZONE NAAQS NOTICE. TCEQ has approved the proposal of the El Paso Redesignation Request and Maintenance Plan State Implementation Plan (SIP) Revision for the One-hour Ozone National Ambient Air Quality Standards (NAAQS) (Non-Rule Project No. 2018-029-SIP-NR). The proposed SIP revision would include a request that EPA redesignate El Paso County to attainment for the One-hour Ozone NAAQS and provide a maintenance plan that will ensure the area remains in attainment of the NAAQS through 2032. The SIP revision would include a request that the EPA also consider this plan as a second 10-year maintenance plan for the One-hour Ozone NAAQS. POC: Margaret Earnest, (512) 239-4581.

Region 7

For more information or to comment on any state issues in Region 7, contact your Regional Environmental Coordinator listed in the [Staff Directory](#).



MIDWEST ENVIRONMENTAL COMPLIANCE CONFERENCE, KANSAS CITY, MO, 23-24 APRIL 2018. This Region 7-focused event explores the task of environmental compliance, permitting, enforcement, and other critical environmental issues that impact Midwest facilities and institutions. The agenda, registration, and lodging information can be found [here](#).



LEGISLATIVE SESSION: 14 JAN 19 THROUGH 21 APR 19

PROPOSED LEGISLATION

HSB 80 lays the legislative groundwork for the state to develop an in-lieu fee for mitigation under the federal Clean Water Act (CWA) Section 404 dredge and fill permits, adding another 404-permit-mitigation option. USACE would need to approve the program. Sponsor: Department of Natural Resources.

PROPOSED RULES

AIR QUALITY RULES' AMENDMENTS (567 IAC 20, 22, 23, 25). The Environmental Protection Commission (EPC) has proposed amendments to rules regarding Chapter 20, Scope of Title Definitions; Chapter 22, Controlling Pollution; Chapter 23, Emission Standards for Contaminants; and Chapter 25, Measurement of Emissions. A hearing was scheduled for and comments were due 22 JAN 19. POC: [Christine Paulson](#).

SOIL AND WATER PROTECTION PRACTICES (27 IAC 10, 12). The Iowa Department of Agriculture has proposed amendments to Chapter 10, Iowa Financial Incentive Program for Soil Erosion Control, and Chapter 12, Water Protection Practices-Water Protection Fund. Comments were due 5 FEB 19. POC: [Mike Franklin](#).

SURFACE WATER CLASSIFICATION (567 IAC 61). EPC has proposed revision to subrule 61.3(5) to adopt by reference a revised Surface Water Classification document. Hearings are scheduled 12 Feb 19, 13 Feb 19, and 14 Feb 19. Comments are due 22 FEB 19. POC: [Matthew Dvorak](#).

NOTICE

TITLE V FACILITIES' EMISSIONS REPORTS DUE. Department of Natural Resources (DNR) has given notice that facilities subject to Title V of the federal Clean Air Act must submit their emissions inventories for 2018 to the DNR Air Quality Bureau by 31 MAR 19. POC: [Mark Fields](#), (515) 725-9526.



LEGISLATIVE SESSION: 14 JAN 19 THROUGH 26 JUN 19

PROPOSED LEGISLATION

SB 69 requires the state Corporation Commission (CC) to study electric rates and consider certain factors in establishing just and reasonable electric rates. The Legislative Coordinating Council shall authorize a study of the retail rates of Kansas electric public utilities including electric public utilities, electric cooperative public utilities exempt from state CC jurisdiction, and the 10 largest municipally owned or operated electric utilities by customer count. In determining just and reasonable rates, the CC shall evaluate the competitiveness of any proposed electric rate with those of comparable public utilities in surrounding states. Every order approving an increase in the base rates of an electric or natural gas public utility shall include findings of fact regarding the impact of such rate increase on the Kansas economy. Sponsor: Committee on State and Federal Affairs.



LEGISLATIVE SESSION: 9 JAN 19 THROUGH 31 MAY 19

PROPOSED LEGISLATION

HB 429 eliminates the loss of an environmental covenant via the doctrine of adverse possession in Missouri. Sponsor: Representative Tom Hurst (R).

HB 655 modifies provisions relating to killing of feral hogs. This bill defines the term "landowner's agent" for the purposes of who may take, attempt to take, or kill a feral hog with the use of an artificial light. "Landowner's agent" means any person who has permission from a landowner to be present on the landowner's property. Sponsor: Representative Chris Dinkins (R).

HB 658 Requires DNR to implement regulations that comply with the United Nations Framework Convention on Climate Change Paris Agreement. Sponsor: Representative Jon Carpenter (D).

SB 245 requires potable water in certain elementary school buildings to be tested for lead. Sponsor: Senator Regina Walsh (D).

SB 268 relates to public notices. Under current law, many legal notices are required to be published by a public body or an organization regulated by the state in a newspaper of general circulation within a particular area. This act repeals those requirements and instead requires the public body or organization to post the legal notice on the front page of its website, if it has one. If the public body or organization does not have a website, the notice shall be sent to the secretary of state who shall publish the notice on the Legal Notices Website. Sponsor: Senator Paul Wieland (R).

SB 278 requires public water systems and public water supply districts that intend to modify their water supply fluoridation to seek and receive information about the impact from the local health department. Sponsor: Senator Wayne Wallingford (R).

FINAL RULES

ASBESTOS PROJECTS' CERTIFICATION, ACCREDITATION AND BUSINESS EXEMPTION REQUIREMENTS (10 CSR 10-6.250). DNR has adopted a rulemaking that requires individuals who work in asbestos projects to be certified by DNR's Air Pollution Control Program (APCP). This rule also requires training providers who offer training for asbestos occupations to be accredited by DNR's APCP, and requires persons who hold exemption status from certain requirements of this rule to allow DNR to monitor training provided to employees. This rule became effective 1 FEB 19.

ASBESTOS PROJECTS' REGISTRATION, ABATEMENT, NOTIFICATION, INSPECTION, DEMOLITION, AND PERFORMANCE REQUIREMENTS (10 CSR 10-6.241). DNR has adopted a rulemaking requiring asbestos contractors to register with DNR, to notify the DNR of each asbestos project, to allow the DNR to inspect asbestos projects, and to pay inspection fees. Each person who intends to perform asbestos projects in Missouri must register annually with DNR's APCP. This rule became effective 1 FEB 19.

COMMERCIAL AND INDUSTRIAL SOLID WASTE INCINERATORS (10 CSR 10-6.161). DNR has adopted amendments incorporating by reference the federal regulatory requirements for existing commercial and industrial solid waste incineration units. The purpose of this rulemaking is to update the incorporation by reference date to include recent changes to the federal Commercial and Industrial Solid Waste Incineration rule. Recent changes include finalizing definitions for kiln and continuous emissions monitoring system data during startup and shutdown. Also, the particulate matter limits for waste-burning kilns and the emission limits for coal-burning recovery units are finalized. This rule became effective 1 FEB 19.

AIR COMPLIANCE MONITORING USAGE (10 CSR 10-6.280). DNR has adopted a rulemaking necessary to meet the federal Clean Air Act (CAA) requirements for alternate compliance certification methods and to enhance the enforceability of the SIP. The rule does this by establishing a methodology for identifying acceptable testing, monitoring, or information. The purpose of this amendment is to update the acceptable monitoring methods for compliance certification, and correctly incorporate reference material. This rule became effective 1 FEB 19.

CONFORMITY OF GENERAL FEDERAL ACTIONS TO SIPs (10 CSR 10-6.300). DNR has adopted a rulemaking to comply with Executive Order (EO) 17-03 criteria and will remove the unnecessary use of restrictive words. This rulemaking will also add definitions specific to this rule, remove references to a rule that is being rescinded, and make other clarifying changes. This rule became effective 1 FEB 19.

CONTROL OF EMISSIONS FROM VOLATILE ORGANIC LIQUID STORAGE (10 CSR 10-5.500). DNR has adopted a rulemaking that limits the volatile organic compound (VOC) emissions from installations with volatile organic liquid storage vessels by incorporating reasonably available control technology as required by the CAA Amendments of 1990. The purpose of this rulemaking is to remove unnecessary restrictive words, add definitions specific to this rule, update incorporations by reference, and make other changes to clarify rule language. This rule became effective 1 FEB 19.

CONTROL OF PETROLEUM LIQUID STORAGE, LOADING, AND TRANSFER (10 CSR 10-2.260). DNR has adopted a rulemaking that restricts VOC emissions from the handling of petroleum liquids in three specific areas: petroleum storage tanks with a capacity greater than 40,000 gallons, the loading of gasoline into delivery vessels, and the transfer of gasoline from delivery vessels into stationary storage containers. Exemptions are provided for facilities that make transfers into stationary storage containers of certain sizes and types. This rule is necessary to reduce hydrocarbon emissions in the Kansas City metropolitan area that contribute to the formation of ozone. This rule became effective 1 FEB 19.

EFFLUENT REGULATIONS (10 CSR 20). DNR has adopted amendments to rules regarding effluent standards. This rule sets forth the limits for various pollutants that are discharged to waters of the state. The two previous rules, 10 CSR 20-6.050 and 10 CSR 20-7.010, have been rescinded and this amendment combines certain aspects of both rules and modifies the format of the effluent regulations. This rule also complies with the latest changes to the federal CWA, P.L. 97-117 (1981). This rule became effective 1 FEB 19.

EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (10 CSR 10-6.080). DNR has adopted a rulemaking to incorporate by reference the Maximum Achievable Control Technology (MACT) regulations in 40 CFR 61. This provides the DNR the authority to implement and enforce these EPA regulations. This amendment also incorporates by reference new emission standards, updates, and clarifications to federal rule 40 CFR 61. This rule became effective 1 FEB 19.

MAXIMUM ACHIEVABLE CONTROL TECHNOLOGY REGULATIONS (10 CSR 10-6.075). DNR has adopted a rulemaking to incorporate by reference the MACT regulations in 40 CFR 63, providing DNR the authority to implement and enforce these EPA regulations. This amendment also incorporates by reference new emission standards, updates, and clarifications to federal rule 40 CFR 63. This rule became effective 1 FEB 19.

NEW SOURCE PERFORMANCE REGULATION (10 CSR 10-6.070). This amendment incorporates by reference new emission standards, updates, and clarifications to federal rule 40 CFR 60. It also clarifies the rule purpose, removes unnecessary rule language, clarifies much of the remaining rule language, presents the list of incorporated federal subparts in a more user-friendly format, and makes other clarifying changes. This rule became effective 1 FEB 19.

SAFE DRINKING WATER COMMISSION RULES (10 CSR 60). DNR has adopted rules regarding drinking water permits, contaminant levels, and enforcement. This rule became effective 1 FEB 19.

SOLID WASTE MANAGEMENT REQUIREMENTS RESCISSION (10 CSR 80). This is a rescission of a rule that required municipalities to submit a solid waste management plan to the state. This requirement was an unfunded mandate and was struck down by the courts. This rule became effective 1 FEB 19.

EMERALD ASH BORER INTRASTATE QUARANTINE RESCISSION (2 CSR 70-11.050). The Department of Agriculture (DOA) has rescinded a quarantine for the emerald ash borer. This rule became effective 16 JAN 19.

JAPANESE BEETLE INTRASTATE QUARANTINE RESCISSION (2 CSR 70-11.020). DOA has rescinded a quarantine for the Japanese beetle. This rule became effective 16 JAN 19.

PINK BOLLWORM INTRASTATE QUARANTINE RESCISSION (2 CSR 70-11.030). DOA has rescinded a quarantine for the pink bollworm. This rule became effective 16 JAN 19.

WATER WELL CASINGS (10 CSR 23-3.030). DNR has adopted an amendment that improves readability by removing unnecessary language and incorporates substantive requirements from 10 CSR 23-3.070, Plastic Well Casing. This rule became effective 14 FEB 19.

WATER WELL LINERS (10 CSR 23-3.080). DNR has adopted an amendment that clarifies the three types of situations where a liner may be used and provides a clear method for each scenario. This rule became effective 14 FEB 19.

WELL PUMP INSTALLATION AND WELLHEAD COMPLETION (10 CSR 23-3.050). DNR has adopted an amendment that incorporates 10 CSR 23-3.040, Well Casing Seals and Connections, and 10 CSR 23-3.050, Pump Installation, into a single rule to address both requirements because the work usually is performed at the same time. This amendment cleans up redundant and outdated language and clarifies the regulations. This rule became effective 14 FEB 19.

WATER WELL CONSTRUCTION SENSITIVE AREAS (10 CSR 23-3.090). DNR has adopted an amendment that incorporates substantive requirements from 10 CSR 23-3.100, Sensitive Areas, and renames the rule to include all drilling areas. This amendment also renumbers drilling areas sequentially. This rule became effective 14 FEB 19.

WATER WELL CONSTRUCTION PROTECTION OF GROUNDWATER QUALITY AND RESOURCES 10 CSR 23-3.010. DNR has adopted an amendment to remove unnecessary language and clarify rules protecting groundwater resources. This rule became effective 14 FEB 19.

WELL INSTALLATION CERTIFICATION AND REGISTRATION (10 CSR 23-2.020). DNR has adopted a rule that sets standards for certification and registration report submittals for water wells, monitoring wells, heat pump wells, test holes, and pump installations. This rule became effective 14 FEB 19.

WELL INSTALLATION FEE STRUCTURE (10 CSR 23-2.010). This rule establishes a fee structure to be used in permitting well installation permit applications. This rule became effective 14 FEB 19.

CONSTRUCTION STANDARDS FOR MONITORING ([10 CSR 23-4.050](#), [10 CSR 23-4.060](#)). DNR has adopted amendments to clarify monitoring well rules. Monitoring wells shall not be converted to any other type of well unless advanced written approval is obtained from DNR. Monitoring wells shall be constructed so that aquifer mixing does not occur and may not be screened through the soil-bedrock horizon unless advanced written approval is obtained from DNR. Drilling water shall be of potable quality. This rule became effective 14 FEB 19.

PLUGGING OF MONITORING WELLS AND WATER WELLS ([10 CSR 23-4.080](#) and [10 CSR 23-3.110](#)). DNR has adopted amendments that clarify how to plug a well based on well type. This rule became effective 14 FEB 19.

WELL INSTALLATION PERMITS AND PERMIT RENEWALS ([10 CSR 23-1.040](#), [10 CSR 23-1.050](#), [10 CSR 23-1.090](#) and [10 CSR 23-1.105](#)). DNR has adopted a rulemaking that modifies permitting rules, and consolidates the requirements for renewing a permit. This rule became effective 14 FEB 19.

WELL INSTALLATION VEHICLES AND MACHINE REGISTRATION ([10 CSR 23-1.140](#), [10 CSR 23-1.155](#)). DNR has amended rules to include substantive information from 10 CSR 23-1.155, Well Drilling and Pump Installation Machine Registration, and is being renamed to more accurately reflect the regulation. This rule became effective 14 FEB 19.

PROPOSED RULE

INFRASTRUCTURE ELEMENTS FOR 2015 OZONE STANDARD. DNR has requested public input regarding a proposed SIP revision for the infrastructure elements for the 2015 Ozone NAAQS. A hearing was scheduled for 31 Jan 19 and comments were due 7 FEB 19. POC: [DNR Air Pollution Control Program](#).

EXECUTIVE ORDER

EO 19-01 transfers all authority, powers, duties, functions, records, personnel, property, contracts, budgets, matters pending, and other pertinent vestiges of the Division of Energy Department of Economic Development to the DNR.

LEGISLATIVE SESSION: 9 JAN 19 THROUGH 15 APR 19

PROPOSED LEGISLATION

LB 45 repeals the Black-Tailed Prairie Dog Management Act. Sponsor: Senator Ernie Chambers.

LB 130 adopts radon-resistant new construction requirements. Sponsor: Senator Wendy DeBoer.

LB 214 authorizes cession of certain land to the federal government. This bill covers several parcels of land in Sarpy County, one of which relates to abandoned railroad lands in Sarpy County. Offutt Air Force Base is located in Sarpy County. Sponsor: Senator Andrew La Grone.

LB 302 merges the State Energy Office with DEQ, and renames them Department of Environment and Energy. Sponsor: Senator Dan Hughes.

LB 320 pertains to pesticide application requirements, changes various provisions of the Pesticide Act, and updates federal references. Sponsor: Senator Joni Albrecht.

LB 368 relates to the Riparian Vegetation Management Task Force rules, Nebraska Ground Water Management and Protection Act, and Water Resources Trust Fund. Eliminates overappropriated river basins, subbasins, and reaches. Sponsor: Senator Dan Hughes.

LB 373 provides setback, noise, and zoning requirements for wind energy generation projects. As part of a wind energy project, no wind turbine will be located within three miles of any residential dwelling without the written permission of the owner of the dwelling prior to any construction on the project. Sponsor: Senator Tom Brewer.

LB 444 provides a homestead exemption for certain dwelling complexes. This applies to a dwelling complex and any related amenities located on a U.S. Department of Defense military installation if the owner of record of the land upon which such installation is situated is the U.S. Government or any instrumentality thereof. Sponsor: Senator Mike McDonnell.

LB 653 adopts the Healthy Kids Act and requires tests for lead-based hazards in housing. Sponsor: Senator Justin Wayne.

LB 704 provides for a request for proposals for renewable energy for state-owned buildings and a study regarding state vehicles. Sponsor: Senator John McCollister.

Federal Activity

NOTICE DUE TO PARTIAL GOVERNMENT SHUTDOWN

Note that due to the partial government shutdown in December and January, information in the following federal notices could potentially change (hearing dates, comment deadlines, agency links to information, etc.) resulting in unexpected delays, cancellations, or lack of updated information available on some government websites.

AIR

MERCURY AND AIR TOXICS STANDARDS REVISED. In advance of formal publication in the Federal Register, EPA has [released](#) the text of a proposed rule that would make a revised determination on the costs and benefits of regulating Hazardous Air Pollutant (HAP) emissions, including mercury, from coal- and oil-fired power plants. The proposed revised determination would focus solely on the benefits of reduced mercury and toxics and not include benefits from incidental reductions in particulate or other emissions. Based on the proposed revised accounting, EPA asserts that costs of such regulation grossly outweigh the benefits of regulating HAP emissions from coal- and oil-fired power plants under section 112 of the CAA. A fact sheet and prepublication version of the Federal Register notice are available [here](#). Comments are due by 8 Apr 19.

CLEANUP

H.R. 535. This bill would require the administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances (PFAS) as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Introduced 14 JAN 19. Sponsor: Representative Debbie Dingle (D, MI).

GAO REPORT—PROGRAM-WIDE STRATEGY NEEDED TO ADDRESS GROWING CLEANUP LIABILITY. GAO conducted an environmental liability review of Department of Energy (DOE) cleanup sites ([GAO-19-28](#)). DOE's Office of Environmental Management (EM) is tasked with cleaning up legacy waste from nuclear weapons produced during the Cold War era. GAO found that from fiscal years 2011 through 2018, EM's environmental liability grew by about \$214 billion—outpacing its cleanup spending of about \$45 billion for that time period. To address this growing liability, GAO is making three recommendations to DOE: (1) develop a program-wide strategy that outlines how it will balance risks and costs across sites; (2) submit its mandated annual cleanup report that meets all requirements; and (3) disclose the funding needed to meet all scheduled milestones called for in compliance agreements, either in required annual reports or other supplemental budget materials. DOE agreed with all three recommendations.

CLIMATE CHANGE

ACTIVITIES OF SELECTED AGENCIES TO ADDRESS POTENTIAL IMPACT ON GLOBAL MIGRATION. GAO was asked to review how U.S. agencies address climate change as a potential driver of global migration and issued a report, titled [Activities of Selected Agencies to Address Potential Impact on Global Migration](#). This report (1) describes executive branch actions related to climate change and migration from fiscal years 2014 through 2018; (2) examines the extent to which the agencies discussed the potential effects of climate change on migration in their plans and risk assessments; and (3) describes agency activities on the issue.

NATURAL RESOURCES

EXECUTIVE ORDER 13855. The president has issued EO 13855, [Promoting Active Management of America's Forests, Rangelands, and other Federal Lands to Improve Conditions and Reduce Wildfire Risk](#). The EO directs the secretaries of the U.S. departments of Agriculture and Interior to implement policies to improve forest management practices by reducing

hazardous fuel loads, mitigating fire risk and ensuring the safety and stability of local communities. The EO contains seven main sections that prescribe the "Policy," "Goals," "Coordination and Efficient Processes," "Unmanned Aerial Systems," "Wildfire Strategy," "Collaborative Partnerships," and "General Provisions" necessary to improve the management and conditions of public forestlands.

THREATENED AND ENDANGERED SPECIES

DRAFT RECOVERY PLAN AMENDMENTS FOR 42 ENDANGERED AND THREATENED SPECIES. FWS announced the availability of 26 draft recovery plan amendments for 42 endangered and threatened species ([84 FR 790](#)). FWS is amending recovery criteria to better assist in determining when an endangered species has recovered to the point that it may be reclassified as threatened, or that the protections afforded by the Endangered Species Act of 1973 are no longer necessary and the endangered species may be removed from the act's protections. FWS requests review and comments on these draft recovery plan amendments from local, state, tribal, and federal agencies, nongovernmental organizations, and the public. Comments are due 1 APR 19.

TOXICS

CONGRESSIONAL PFAS TASK FORCE. In January, Congressman Dan Kildee (MI), Chief Deputy Whip of the House Democratic Caucus, and Congressman Brian Fitzpatrick (PA) announced the formation of the [bipartisan Congressional PFAS Task Force](#). Comprised of 20 Republicans and Democrats in the U.S. House of Representatives, the PFAS Task Force will work to:

- Hold informational events to educate members of Congress and their staff to increase awareness about PFAS chemicals;
- Craft legislation to address PFAS contamination;
- Meet with congressional leadership, committee chairs and ranking members to ensure PFAS is adequately and more urgently addressed; and
- Fight for more robust funding through federal appropriations to clean up PFAS contamination.

WASTE

CHINA TO ELIMINATE ALL SOLID WASTE IMPORTS BY 2020. According to reports from the [Institute of Scrap Recycling Industries](#), [Recycling International](#), and other industry sources, China [announced](#) it is phasing in a ban on the import of scrap material for recycling, with a complete ban on scrap import by 2020. For the first phase of the ban, beginning 31 DEC 18, 16 types of solid waste, including, metal scrap, and scrap plastics that were previously identified as restricted import are banned from import. Effective 31 DEC 19, an additional 16 types of solid waste, including waste and scrap stainless steel, will be banned from import.

WATER

NATIONAL INTEGRATED DROUGHT INFORMATION SYSTEM REAUTHORIZATION ACT OF 2018. The [National Integrated Drought Information System \(NIDIS\) Reauthorization Act of 2018](#) has been enacted. The law amends the National Integrated Drought Information System Act of 2006 to require, under NIDIS, that the collection and integration of information on the key indicators of drought and drought impacts include indicators of precipitation, soil moisture, and evaporative demand. The bill reauthorizes through fiscal year (FY) 2023.

WATER INFRASTRUCTURE IMPROVEMENT ACT. The [Water Infrastructure Improvement Act](#) has been enacted. The law amends the Clean Water Act to allow municipalities to develop a plan that integrates wastewater and stormwater management. A National Pollutant Discharge Elimination System permit for a municipal discharge that incorporates an integrated plan may integrate all requirements under the act addressed in the plan, such as requirements relating to combined sewer overflows, sanitary sewer collection systems, and total maximum daily loads. A plan that is incorporated

into a permit may include the implementation of green infrastructure and projects to reclaim, recycle, or reuse water. Green infrastructure includes measures that mimic natural processes to store, reuse, or reduce stormwater. The act specifies that the EPA administrator will promote and coordinate the use of green infrastructure into permitting and enforcement under the act.

Department of Defense Activity

NATURAL SELECTIONS—DOD NATURAL RESOURCES PROGRAM NEWSLETTER. The Winter 2018 edition, as well as past issues of Natural Selections, is available [here](#).

DOD PARTNERS IN AMPHIBIAN AND REPTILE CONSERVATION (DOD PARC). [DOD PARC](#) has released its 2018 Annual Report (Attached to this PDF Document), detailing how it works to conserve amphibians and reptiles on military lands. Below are some of PARC's 2018 highlights:

- Performed risk assessments of pathogens on over 200 military installations
- Recorded 3,300 reptile and amphibian observations on military lands using [HerpMapper](#)
- The *Herpetological Conservation and Biology* journal published [Amphibians and Reptiles of United States Department of Defense Installations](#) in their December 2018 issue. DOD is the first federal agency to complete an agency-wide inventory of herpetofauna.

This year is DOD PARC's 10th anniversary, and they plan to celebrate this milestone by developing more recommended best management practices reports for at-risk species on DOD lands, a video on how to tell the difference between venomous and non-venomous snakes, and short biographies highlighting the careers of military veterans who have made significant contributions to the field of herpetology.

SOLICITATION FOR DEMONSTRATION OF ENVIRONMENTAL AND INSTALLATION ENERGY TECHNOLOGIES. DOD's Environmental Security Technology Certification Program (ESTCP) [released a solicitation](#) requesting proposals for demonstration of environmental and installation energy technologies. FY 2020 funds will be awarded through a competitive process to federal and private organizations for pre-proposals related to:

- Environmental Restoration;
- Munitions Response Underwater;
- Resource Conservation and Resiliency;
- Weapons Systems and Platforms;
- Energy Efficiency Technology Demonstrations Integrated with Utility Energy Services Contracts;
- Microgrid Development for Military Installations;
- Effective Use of Utility Meter Data to Improve Facility Energy Investments;
- Innovative Tools that Reduce the Time and Cost Required to Obtain and Maintain Authority to Operate for Facility Energy and Water Control Systems and Connected Technology; and
- Innovative Technology Transfer Approaches

Preproposals are due 7 MAR 19. More information about the solicitations, including instructions and deadlines, is available on the [Funding Opportunities](#) page.

DOD PARTICIPATION IN NATIONAL EXERCISE PROGRAM. Department of Defense Instruction (DODI) [3020.47](#), DOD Participation in the National Exercise Program (NEP), has been reissued. The DODI establishes policy, assigns responsibilities, and provides instructions for DOD participation in the NEP consistent with Presidential Policy Directive-8,

the NEP Base Plan, and NEP Implementation Plan. The [NEP](#), administered by the Federal Emergency Management Agency, is a two-year cycle of exercises across the nation that examine and validate capabilities in all preparedness mission areas. The DODI was effective 29 JAN 19.

DOD REPORT—CHANGING CLIMATE AFFECTS MILITARY INSTALLATIONS. In January, DOD released [Report on Effects of a Changing Climate to the Department of Defense](#). The report was developed in response to requirements in the National Defense Authorization Act of 2018, which tasked the Pentagon to conduct an “assessment of the significant vulnerabilities from climate-related events in order to identify high risks to mission effectiveness on installations and to operations” and submit a report to Congress on the findings.

Professional Development

DOD TRAINING SOURCES

US ARMY CORPS OF ENGINEERS PROSPECT TRAINING (CLASSROOM). USACE announces course availability for the Fiscal Year 2019 PROSPECT (i.e., [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:

- CERCLA/RCRA Process (Course Control Number (CCN) [356](#))
- Environmental Laws and Regulations (CCN [170](#))
- Environmental Regulations Practical Application Course (CCN [398](#))
- Environmental Remediation Technologies (CCN [395](#))
- Hazardous Waste Manifesting/DOT Certification (CCN [223](#))
- Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN [429](#))
- Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141)
- Radioactive Waste Transport (CCN [441](#))
- The Complete RCRA Course (Hazardous Waste Generation, Management, and Corrective Action) (CCN [226](#))

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 are available to all military and civilian employees of the U.S. government, free of charge. Travel costs are borne by the student.

STRATEGIC ENVIRONMENTAL RESEARCH AND DEVELOPMENT PROGRAM (SERDP) AND ENVIRONMENTAL SECURITY TECHNOLOGY CERTIFICATION PROGRAM (ESTCP) WEBINAR SERIES (ONLINE). DOD’s environmental research and development funding programs ([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 Department of Energy audiences. Prior presentations are archived for viewing any time. Recently archived webinars are available on demand [here](#).

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.

- 27 FEB 19: [Leveraging Department of Interior and Agriculture Funds as a Match to REPI Funds: A Case Study](#)
- 27 MAR 19: [Calling for Sentinel Landscapes Applications: Lessons Learned & Best Practices from the 2017 Cycle](#)
- 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](#)
- 1 JAN 20: [How to Introduce Local Businesses into your REPI Partnership](#)

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](#); and
- [Partnerships](#).

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

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](#)
- [Sustainable Acquisition: Biobased Requirements in the New Executive Order 13693](#)
- [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](#)

GUIDING PRINCIPLES FOR SUSTAINABLE FEDERAL BUILDINGS (ONLINE). This training series from the Federal Energy Management Program (FEMP) provides updated guidance for complying with the 2016 Guiding Principles for Sustainable Federal Buildings. The series consists of five on-demand courses:

- [2016 Guiding Principle I: Employ Integrated Design Principles and Introduction](#)
- [2016 Guiding Principle II: Optimize Energy Performance](#)
- [2016 Guiding Principle III: Protect and Conserve Water](#)

- [2016 Guiding Principle IV: Enhance Indoor Environmental Quality](#)
- [2016 Guiding Principle V: Reduce Environmental Impact of Materials and Guiding Principle VI - Assess and Consider Climate Change Risks](#)

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). 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.

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL TRAINING (ONLINE). 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.

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 inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation. Information on upcoming webinars is available from the BioClimate newsletter ([click](#) to subscribe).

WATER/WASTEWATER UTILITY ALL-HAZARDS BOOTCAMP TRAINING (ONLINE). Hosted by EPA, this [training course](#) is designed for water and wastewater employees responsible for emergency response and recovery activities. It also explains why and how to implement an all-hazards program, and will cover prevention and mitigation, preparedness, response, and recovery.

OTHER TRAINING RESOURCES

21 FEB 19 WEBINAR: OFFSHORE WIND MARKET. The National Conference of State Legislatures (NCSL) Energy Program will host its first webinar of 2019, The Growing U.S. Offshore Wind Market, Thursday, 21 FEB 19 at 3 p.m. Eastern Time. The amount of potential wind power available in U.S. waters is nearly twice the capacity of current U.S. electric power plants and has enough energy to power roughly 1.6 billion homes. With offshore wind costs falling significantly in recent years, more states are looking to harness the clean energy and economic development opportunities presented by offshore wind. The webinar will discuss state action around offshore wind and explore state policies, incentives, and financing structures to encourage and support the development of the U.S. offshore wind industry. Registration for the webinar is available [here](#).

4-5 MAR 19, GAITHERSBURG, MD (AND ONLINE): WORKSHOP ON COMPUTATIONAL MODELS FOR LARGE OUTDOOR FIRES. The National Institute of Standards and Technology will host a [workshop](#) 4-5 MAR 19 to discuss the current state of measurement science gaps in implementing computational tools to model large scale outdoor fires, such as those found in the wildland and wildland-urban interface communities. Portions of the workshop will be available via web broadcasting.

4-8 MAR 19, DENVER, CO: NATIONAL MILITARY FISH AND WILDLIFE ASSOCIATION (NMFWA) MEETING. NMFWA will hold its annual training workshop and meeting in conjunction with the Wildlife Management Institute 84th North American Wildlife and Natural Resources Conference. See the meeting [website](#) for a draft agenda, training courses available, and event details.

25–28 MAR 19, BOSTON, MA: INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL 2019 ANNUAL MEETING. Topics this year include: 1,4-Dioxane, Harmful Cyanobacterial Blooms, Incremental Sampling Methodology, PFAS, Implementing the Use of Advanced Site Characterization Tools, and Optimizing In-Situ Remediation Performance and Injection Strategies.

21-22 MAY 19, CHAMPAIGN, IL: [2019 EMERGING CONTAMINANTS IN THE ENVIRONMENT CONFERENCE](#). The Illinois Sustainable Technology Center and the Illinois-Indiana Sea Grant are cohosting the conference. The conference will expand beyond the aquatic environment to also include air and soil studies along with effects on human and animal health. The conference will feature presentations on the latest in emerging contaminant research, policies, and outreach.

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.

Staff Directory

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Navy REC (AR/KS/LA/MO/OK/TX)	(904) 542-6853
Navy REC (IA/NE)	(360) 315-5400
Navy REC (NM)	(619) 532-2303

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 *Central Review*, please contact the Regional Environmental Coordinator listed in the staff directory.

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

