



Northern Review

of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

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The *Northern Review* publishes environmental and energy related developments for DOD/Army leaders and installation staff. Covering the 22 states and territories in Federal Regions 1, 2, 3, and 5, the *Northern Review* gives early notice of legislative and regulatory activities relevant to DOD interests. The *Review* also helps installations meet ISO 14001 environmental management system requirements.

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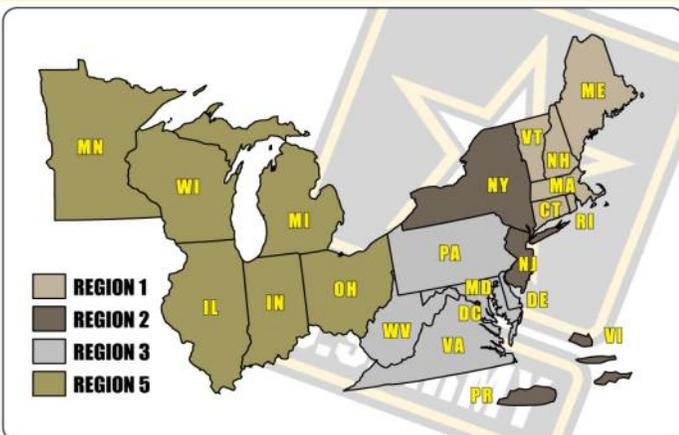


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WHAT'S IN THIS REVIEW?

Region 1

In ME, final amendments to multiple pesticide rules. In NH, proposed updates to the air regulations.

Region 2

In NY, proposed Natural Disaster Preparedness and Mitigation Act and an emergency rule protecting against Legionella bacteria. In PR, proposed legislation to investigate options to address declining water supplies, and the handling and disposal of heavy metals by healthcare-related professions.

Region 3

In DE, proposed amendments to hazardous waste regulations. In DC, proposed amendments to the fish and wildlife regulations and the release of a draft wildlife action plan. In MD, final amendments to radiation protection rules and to discharge limitations and permit regulations; also, proposed revisions to air quality regulations. In PA, proposed legislation amending the Water Rights Law. In VA, final general permit for certain living shoreline treatments involving tidal wetlands, and proposed revisions to pesticide enforcement rules. In WV, final amendments to the infectious medical waste regulations.

Region 5

In IL, legislation introduced to revise the materials disposal ban regulations, final amendments to wastewater pretreatment program rules and the management of used and waste tires, and proposed corrections to the primary drinking water standards. In IN, proposed amendments to solid waste facility operator certification program rules. In OH, final amendments to stormwater program rules, and draft rules concerning monitoring and reporting of harmful algal blooms in public water systems. In WI, proposed amendments to air pollution control rules.

DOD Activity

Update to the unified facilities criteria for low impact development and DODI for sustaining access to live training domain.

Federal Activity

USEPA is developing national enforcement initiatives for FY 2017 - 2019 and proposed revisions to hazardous waste generator rules. USFWS has initiated status reviews for 23 species.

Region 1

For more information or to comment on any state issues in Region 1, contact [Kevin Kennedy](#), Army Regional Program Coordinator, Region 1, (410) 278-6168.



Legislature convened 7 JAN 15 and adjourned sine die 3 JUN 15.

FEDERAL ACTIVITY

SIP REVISIONS FOR MULTIPLE INFRASTRUCTURE REQUIREMENTS USEPA has issued a proposed rule to approve elements of State Implementation Plan (SIP) revisions submitted by the state of Connecticut ([80 FR 54471](#)). The revisions address Clean Air Act (CAA) infrastructure requirements for the 2008 lead, 2008 8-hour ozone, 2010 nitrogen dioxide (NO₂), and 2010 sulfur dioxide (SO₂) National Ambient Air Quality Standards (NAAQS). USEPA has also proposed to: (1) convert conditional approvals to full approvals for infrastructure requirements for the 1997 8-hour ozone NAAQS and for the 1997 and 2006 fine particle (PM_{2.5}) NAAQS; (2) conditionally approve elements of Connecticut's CAA infrastructure requirements regarding prevention of significant deterioration (PSD) requirements to treat nitrogen oxides (NO_x) as a precursor to ozone and to establish a minor source baseline date for PM_{2.5} emissions; and (3) approve three statutes submitted by Connecticut in support of their demonstration that the CAA infrastructure requirements have been met. The comment period closed on 13 OCT 15.



Legislature convened 3 DEC 14 and adjourned sine die 16 JUN 15.

FINAL RULES

AMENDMENTS TO PESTICIDE RULES The Maine Board of Pesticide Control has [adopted](#) amendments to multiple pesticide rules. The amendments update: (1) Chapter 31 - *Certification and Licensing Provisions/Commercial Applicators*; (2) Chapter 34 - *Certification and Licensing Provisions/Pesticide Dealers*; and (3) Chapter 35 - *Certification and Licensing Provisions/Spray Contracting Firms*. Updates include altering licensing periods and certification periods to align them both to three years, changing exam requirements, and clarifying types of applications for specific categories of pesticides. A notice of the proposed amendments was published in the [July 2015 Northern Review](#). The amendments became effective on 23 SEP 15.



Legislature convened 7 JAN 15 and adjourned sine die 30 JUN 15.

FEDERAL ACTIVITY

SIP REVISIONS TO STATE PSD AND NNSR PROGRAMS USEPA has issued a final rule approving a SIP revision submitted by the state of New Hampshire ([81 FR 57722](#)). The SIP revision amends New Hampshire's PSD and Nonattainment New Source Review (NNSR) programs to make the programs consistent with federal requirements. The final rule also

conditionally approves a state commitment to submit revised regulations addressing three elements of USEPA's PSD and NNSR programs. Lastly, the final rule approves revisions to two definitions related to state permitting programs. The final rule became effective on 26 OCT 15.

RE-OPENING OF COMMENT PERIOD FOR SECTIONS OF DRAFT SMALL MS4 NPDES GENERAL PERMIT USEPA has reopened the public comment period for certain provisions of the [draft](#) National Pollutant Discharge Elimination System (NPDES) general permit for discharges from small Municipal Separate Storm Sewer Systems (MS4s) to certain waters of the state of New Hampshire ([80 FR 52751](#)). The draft was originally released on 12 FEB 13. The reopened comment period applies to the following sections only: (1) Section 2.1.1 - *Requirement to Meet Water Quality Standards*; (2) Section 2.2 - *Discharges to Certain Impaired Waters*; (3) Section 2.3.6 - *Stormwater Management in New Development and Redevelopment (Post Construction Stormwater Management)*; (4) Appendix F - *Requirements Related to Approved Total Maximum Daily Loads*; and (5) Appendix H - *Requirements Related to Discharges to Certain Water Quality Limited Waterbodies*. A notice of the draft NPDES general permit was published in the [March 2013 Northern Review](#). Comments are due by 2 NOV 15.

PROPOSED RULES

UPDATE TO AIR REGULATIONS The New Hampshire Department of Environmental Services (NHDES) has [proposed](#) amendments to Env-A 500, *Standards Applicable to Certain New or Modified Facilities and Sources of Hazardous Air Pollutants*. The amendments: (1) update the Code of Federal Regulations (CFR) edition cited in the rule from 1 JUL 12 to 1 JUL 14 to align the state rules with federal requirements; (2) accept delegation of federal requirements by adding three references in the new source performance standards (NSPS); and (3) accept a partial delegation for certain sources currently permitted by adding a reference in the national emission standards for hazardous air pollutants (NESHAP) for Area Sources from Industrial, Commercial, and Institutional Boilers. Comments are due by 23 OCT 15.

Region 2

For more information or to comment on any state issues in Region 2, contact [Patrick Timm](#), Army Regional Environmental Coordinator, Region 2, (410) 278-6165.



Legislature convened 7 JAN 15 and adjourned 25 JUN 15.

PROPOSED LEGISLATION

AB 8390 NATURAL DISASTER PREPAREDNESS AND MITIGATION ACT AB 8390 amends the executive law, public service law, and public health law, in order to enact the "Natural Disaster Preparedness and Mitigation Act." The act provides for enhanced disaster preparedness and recovery from disasters. The bill was referred to the Governmental Operations Committee. A similar bill, [SB 5271](#), also has been introduced; it was recommitted to the Rules Committee.

FINAL RULES

PROTECTION AGAINST LEGIONELLA BACTERIA The New York Department of Health (NYDH) has [adopted](#) an emergency rule that adds a [Part 4](#) to the health regulations at Title 10 NYCRR. The new regulations establish requirements for cooling towers relating to: (1) registration, reporting and recordkeeping; (2) testing; (3) cleaning and disinfection; (4)

maintenance; (5) inspection; and (6) certification of compliance. The regulations were adopted to address improper maintenance of cooling towers that can contribute to the growth and dissemination of Legionella bacteria, the causative agent of legionellosis. Additionally, the regulations require general hospitals and nursing homes to implement a Legionella sampling plan and take necessary responsive actions, as NYDH may deem appropriate. The emergency rule became effective on 17 AUG 15 and will expire on 14 NOV 15.



Legislature convened 14 JAN 13 and adjourns 31 DEC 16.

FEDERAL ACTIVITY

PROPOSED THREATENED SPECIES LISTING FOR ELFIN-WOODS WARBLER The U.S. Fish and Wildlife Service (USFWS) has issued a proposed rule to list the elfin-woods warbler as a threatened species under the Endangered Species Act (ESA) ([80 FR 58674](#)). The elfin-woods warbler is a bird species endemic to the mountain ranges of Puerto Rico. Comments are due by 30 NOV 15.

PROPOSED LEGISLATION

[PC 2575](#) PROTECTION AND PRESERVATION OF POLLINATORS ACT PC 2575 creates the *Protection and Preservation of Pollinators Act*. The act tempers all urban development plans, land use plans, and building codes for purposes of preserving and protecting pollinators. The bill was referred to the House Special Rules and Calendars Committee.

[RS 1107](#) INVESTIGATION OF HANDLING AND DISPOSAL OF HEAVY METALS WITHIN HEALTH PROFESSIONS RS 1107 directs the Puerto Rico Senate Committee on Natural Resources and Environment to investigate the handling and disposal of heavy metals and associated procedures used in health-related professions. The bill was referred to the Senate Committee on Natural and Environmental Resources.

[RS 1210](#) OPTIONS TO ADDRESS DECLINING WATER SUPPLIES RS 1210 directs the Senate Committee on Energy and Water Resources to investigate alternatives for addressing the declining water supplies for drinking and other uses in Puerto Rico. The bill states that the alternatives to be researched should include: (1) reservoirs and wells; (2) the large scale repair of drinking water leaks; (3) desalination; (4) reuse of treated water; (5) collection of water on ceilings; (6) dredging or the construction of new reservoirs; and (7) weather modification programs. The bill was referred to the Senate Committee on Natural and Environmental Resources.

Region 3

For more information or to comment on any state issues in Region 3, contact [Patrick Timm](#), Army Regional Environmental Coordinator, Region 3, (410) 278-6165.



Legislature convened 13 JAN 15 and adjourned 30 JUN 15.

PROPOSED RULES

AMENDMENTS TO HAZARDOUS WASTE REGULATIONS The Delaware Department of Natural Resources and Environmental Control has [proposed](#) amendments to 7 DE Administrative Code 1302, *Regulations Governing Hazardous Waste*. The amendments adopt the federal ignitable compressed gas provisions in §261.21 and correct clerical and typographical errors. The comment period ended on 30 SEP 15.



Legislature convened 1 JAN 15 and adjourns 31 DEC 15.

PROPOSED RULES

AMENDMENTS TO FISH AND WILDLIFE REGULATIONS The DC Department of Energy and Environment (DOEE) has [proposed](#) amendments to the fish and wildlife regulations at Chapter 15 of Title 19 of the District of Columbia Municipal Regulations (DCMR). The amendments: (1) license individuals and register companies performing wildlife control activities; (2) create qualifications and conditions for licensure and registration; (3) set restrictions on the capture, handling, and transport of wildlife; (4) set restrictions on euthanasia of wildlife; (5) establish control requirements for specified species; (6) require the compilation of service records and annual reporting; (7) create standards for suspension of licensure and registration; and (8) establish fees for licensure. Comments are due by 18 OCT 15.

OTHER REGULATORY ACTIVITY

DRAFT WILDLIFE ACTION PLAN DOEE [released](#) a draft [DC Wildlife Action Plan](#). The District is federally required to update its wildlife action plan every 10 years. The action plan is a roadmap for the next 10 years of conserving, sustaining, and protecting the District's wildlife and habitats. The document is adaptable and allows agencies, landowners, and natural resource managers to adjust methods to meet emerging threats, and provides metrics to measure the effectiveness of conservation actions. The [extended](#) comment period closed on 21 SEP 15.



Legislature convened 14 JAN 15 and adjourned sine die 13 APR 15.

FINAL RULES

AMENDMENTS TO DISCHARGE LIMITATIONS AND PERMIT REGULATIONS The Maryland Department of the Environment (MDE) has [adopted](#) amendments to the water regulations at COMAR 26.08.03, *Discharge Limitations*, and COMAR

26.08.04, *Permits*. The current regulations require a state discharge permit for discharges of water greater than 10,000 gallons per day regardless of whether there is a discharge of pollutants. The existing requirement is more stringent than federal requirements for discharges to waters of the U.S. The amendments allow for a determination of whether a discharge permit is required without imposing an arbitrary flow volume as a basis for making the determination. A notice of the proposed amendments was published in the [August 2015 Northern Review](#). The amendments became effective on 28 SEP 15.

AMENDMENTS TO RADIATION PROTECTION REGULATIONS MDE has [adopted](#) amendments to update the radiation protection regulations at COMAR 26.12.01.01, *Incorporation by Reference*. The amendments include: (1) one U.S. Nuclear Regulatory Commission regulation establishing additional security requirements for use and transport of risk significant quantities of radioactive material; (2) prohibition on the use of a radiation machine prior to facility registration; and (3) miscellaneous corrections. The amendments became effective on 14 SEP 15.

PROPOSED RULES

AMENDMENT TO AIR QUALITY REGULATIONS MDE has [proposed](#) amendments to the air quality regulations at COMAR 26.11.02, *Permits, Approvals, and Registration*. The amendments implement statutory requirements of S.B. 1065, Acts of 2009, which expanded standing for challenges to most of MDE's major permits and substituted direct judicial review for the previous contested case process for those same permits. The amendments also incorporate requirements of H.B. 554 and H.B. 95, Acts of 2013, which deal with the public participation process for sources subject to expanded public participation. Once final, the amendments will be submitted as a SIP revision to USEPA for approval. The comment period closed on 6 OCT 15.

AMENDMENTS TO VAPOR RECOVERY AT GASOLINE DISPENSING FACILITIES REGULATIONS MDE has [proposed](#) amendments to the vapor recovery at gasoline dispensing facilities regulations at COMAR 26.11.24. The amendments grant new gasoline dispensing facilities (GDFs) and GDFs undergoing major modifications the option to choose not to install or decommission existing Stage II vapor recovery equipment. Existing GDFs may decommission Stage II vapor recovery equipment after 1 OCT 16. Once final, the amendments will be submitted as a SIP revision to USEPA for approval. The comment period closed on 5 OCT 15.



Legislature convened 6 JAN 15 and adjourns 31 DEC 15.

PROPOSED LEGISLATION

[HB 1533](#) AMENDMENTS TO MUNICIPAL WASTE PLANNING, RECYCLING, AND WASTE REDUCTION ACT HB 1533 amends the *Municipal Waste Planning, Recycling, and Waste Reduction Act* of 1988. The bill adds a provision mandating that only populations of 10,000 or more that have a population density greater than 500 people per square mile are required to implement a recycling program. The bill was referred to the Local Government Committee.

[SB 992](#) AMENDMENTS TO WATER RIGHTS LAW SB 992 amends the *Water Rights Law*. The bill provides additional definitions and assigns additional duties and powers to the Water and Power Resources Board for the conservation, control, and equitable use of the waters within the commonwealth. The bill was referred to the Environmental Resources and Energy Committee.

OTHER REGULATORY ACTIVITY

CLIMATE CHANGE IMPACTS ASSESSMENT REPORT The Pennsylvania Department of Environmental Protection (PADEP) has [released](#) the *2015 Climate Change Impacts Assessment Update*. PADEP is required to update and publish a report

on the potential impact of climate change in the commonwealth every three years. The update was prepared by Pennsylvania State University's Environment and Natural Resources Institute and provides an overview of the potential impacts of global climate change in the commonwealth over the next century. The update includes specific impacts on climate sensitive sectors and the global economy. Comments are due by 4 NOV 15.



Legislature convened 14 JAN 15 and adjourned 27 FEB 15.

FINAL RULES

AMENDMENTS TO ACCREDITATION FOR COMMERCIAL ENVIRONMENTAL LABORATORIES REGULATIONS The Virginia Department of General Services has [adopted](#) amendments to 1VAC30-46, *Accreditation for Commercial Environmental Laboratories*. The amendments: (1) replace the 2003 National Environmental Laboratory Accreditation Conference (NELAC) Standards used to accredit commercial environmental laboratories with the 2009 The NELAC Institute (TNI) Standards; (2) restructure and increase fees; (3) revise the process used to accredit laboratories; (4) add a provision on suspension of accreditation; and (5) eliminate obsolete language and amend text for clarity. The amendments become effective on 1 NOV 15.

AMENDMENTS TO ONSITE SEWAGE SYSTEM PROFESSIONALS REGULATIONS The Virginia Board for Waterworks and Wastewater Works Operators and Onsite Sewage System Professionals has [adopted](#) amendments to their regulations at 18VAC160-20. The amendments change the definitions of "direct supervisor" and "direct supervision," allowing licensees to supervise the work of unlicensed individuals who are not seeking licensure. The amendments also modify the requirements for applicants of an individual sewage system installer license to reflect current industry procedures consistent with the Virginia Department of Health. The experience requirement for the individual sewage system installer license has also been changed. A notice of the proposed amendments was published in the [December 2013 Northern Review](#). The amendments became effective on 1 OCT 15.

GENERAL PERMIT FOR CERTAIN LIVING SHORELINE TREATMENTS INVOLVING TIDAL WETLANDS The Virginia Marine Resources Commission has [adopted](#) a regulation at 4VAC20-1300, *Living Shoreline Group 1 General Permit for Certain Living Shoreline Treatments Involving Tidal Wetlands*. The regulation establishes a general permit that authorizes and encourages the use of living shorelines as the preferred alternative for stabilizing tidal shorelines. The regulation provides for the permitting processes for living shoreline treatments by establishing procedures and qualifications for the general permit and sets forth specific criteria and permit conditions. The regulations became effective on 1 SEP 15.

PROPOSED RULES

AMENDMENTS TO ENFORCEMENT REGULATIONS CONCERNING VIRGINIA PESTICIDE LAW The Virginia Department of Agriculture and Consumer Services has [proposed](#) amendments to [2VAC5-670](#), *Rules and Regulations for Enforcement of the Virginia Pesticide Law*. The amendments update the regulation and align it with current agency practices and federal requirements. The amendments revise language; definitions; label requirements; ingredient statement requirements; and handling and storage requirements. Comments are due by 4 NOV 15.

REVISIONS TO THREE RIVER BASINS' WATER QUALITY MANAGEMENT PLANNING REGULATIONS The Virginia Department of Environmental Quality (VDEQ) has [proposed](#) changes to three river basins' water quality management planning regulations. The changes include eight revisions to wasteload allocations (WLAs) in the regulation for eight USEPA approved total maximum daily loads (TMDLs). The three river basins affected by the proposed changes are the: (1) Potomac-Shenandoah River Basin (9VAC25-720-50 A); (2) Tennessee-Big Sandy River Basin (9VAC25-720-90 A); and (3) Chesapeake Bay-Small Coastal Eastern Shore River Basin (9VAC25-720-110 A). Comments are due by 19 OCT 15.

OTHER REGULATORY ACTIVITY

REVIEW OF USEPA CLEAN POWER PLAN VDEQ has [requested comment](#) on USEPA's Clean Power Plan. The plan was established to cut carbon emissions (greenhouse gases) from existing power plants that generate electricity from fossil fuels. These new USEPA rules may have a significant impact on the commonwealth. Therefore, prior to taking any formal action, VDEQ is gathering general input from the public to help inform the commonwealth's review and implementation of USEPA's final rules for existing power plants. The comment period closed on 13 OCT 15.



Legislature convened 14 JAN 15 and adjourned sine die 14 MAR 15.

FEDERAL ACTIVITY

UPDATE OF DELEGATION OF AUTHORITY FOR NESHAP AND NSPS PROGRAMS USEPA has issued a notice acknowledging the state of West Virginia's authority to implement and enforce NESHAP and NSPS has been updated, as provided for under previously approved delegation mechanisms ([81 FR 57609](#)). USEPA sent a letter to the commonwealth on 24 JUN 15 acknowledging the update and this notice makes a copy of that letter publicly available.

FINAL RULES

AMENDMENTS TO INFECTIOUS MEDICAL WASTE REGULATIONS The West Virginia Bureau for Public Health has [adopted](#) amendments to 64CSR56, *Infectious Medical Waste*. The regulation establishes requirements regarding the generation, handling, storage, transportation, treatment, and disposal of infectious medical waste. The amendments provide better clarification of current regulations and adequately adjust to newer practices within the infectious medical waste industry. The current rule has not been revised since 1999. The Legislative Rule-Making Review Committee has also [approved](#) the amendments. The amendments will be submitted to the 2016 West Virginia Legislature for approval.

OTHER REGULATORY ACTIVITY

DRAFT PROPOSED SIP REVISION FOR 2012 PRIMARY ANNUAL PM2.5 NAAQS The West Virginia Department of Environmental Protection (WVDEP) has [requested comment](#) on a draft proposed [SIP revision](#) concerning the 2012 primary annual PM2.5 NAAQS. The revision demonstrates that the state has adequate resources and authority to implement the 2012 primary annual PM2.5 NAAQS. Once final, the SIP revision will be submitted to USEPA for review and approval. Comments are due by 27 OCT 15.

Region 5

For more information or to comment on any state issues in Region 5, contact [Dr. Jim Hartman](#), DOD Regional Environmental Coordinator, Region 5, (410) 278-6991.



Legislature convened 14 JAN 15 and adjourned 31 MAY 15.

PROPOSED LEGISLATION

[HB 4299](#) REVISION TO MATERIALS DISPOSAL BAN REGULATIONS HB 4299 amends the Environmental Protection Act by revising the materials disposal ban regulations. The bill prohibits a person from knowingly mixing liquid used oil with any municipal waste that is intended for collection and disposal at a landfill. The bill states that "liquid used oil" does not include used rags, absorbent material used to collect spilled oil or other materials incidentally contaminated with used oil, or empty containers that previously contained virgin oil, re-refined oil, or used oil. The bill was referred to the Rules Committee.

FINAL RULES

MANAGEMENT OF USED AND WASTE TIRES The Illinois Environmental Protection Agency (IEPA) has [adopted](#) amendments to 35 Ill. Adm. Code 848, *Management of Used and Waste Tires*. The amendments protect against threats resulting from the inappropriate and illegal disposal of used and waste tires. Certain amendments are the result of PA 98-656, which directed IEPA to revise sections of code 848 within a specified time period. A notice of the proposed amendments was published in the [July 2015 Northern Review](#). The amendments became effective on 8 SEP 15.

AMENDMENTS TO WASTEWATER PRETREATMENT PROGRAM REGULATIONS The Illinois Pollution Control Board (IPCB) has [adopted](#) amendments to the wastewater pretreatment rules at 35 Ill. Adm. Code 310.107. The amendments update state rules to correspond with Clean Water Act (CWA) amendments adopted by USEPA on 19 AUG 14. While the 2014 amendments do not directly relate to wastewater pretreatment, they affected a segment of the NPDES requirements that is incorporated by reference in the Illinois wastewater pretreatment requirements. The amendments are necessary to update the incorporation by reference and ensure that state regulations require the use of a "sufficiently sensitive" analytical method for parameter analyses and remain consistent with federal requirements. A notice of the proposed amendments was published in the [May 2015 Northern Review](#). The amendments became effective on 24 AUG 15.

PROPOSED RULES

CORRECTIONS TO PRIMARY DRINKING WATER STANDARDS IPCB has [proposed](#) amendments to 35 Ill. Adm. Code 611, *Primary Drinking Water Standards*. The amendments update the *Illinois Safe Drinking Water Act* rules to correspond with amendments adopted by USEPA that appeared in the Federal Register from 1 JAN 15 through 30 JUN 15. During this period, USEPA did not amend the federal regulations. Rather, the Illinois Joint Committee on Administrative Rules (JCAR) and IEPA suggested various corrections to the text of the rule. Comments are due by 19 OCT 15.



Legislature convened 13 JAN 15 and adjourned sine die 29 APR 15.

PROPOSED RULES

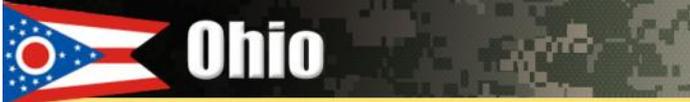
AMENDMENTS TO SOLID WASTE FACILITY OPERATOR CERTIFICATION PROGRAM The Indiana Department of Environmental Management (IDEM) has [proposed](#) amendments to the solid waste facility operator certification program rules at 329 IAC 12. The amendments: (1) offer more flexibility for the certification and recertification course content; (2) provide additional training options for completing required courses; (3) extend the period of time allowed between operator recertification; (4) clarify sections throughout the rule; and (5) update the rule to adapt to changing conditions in the industry. The comment period closed on 21 AUG 15.



Legislature convened 14 JAN 14 and adjourns 31 DEC 15.

PROPOSED LEGISLATION

SB 387 PROHIBITION OF DRILLING AND INJECTION WELLS WITHIN CERTAIN AREAS OF KARST GEOLOGY SB 387 amends Part 615 (Supervisor of Wells) of the *Natural Resources and Environmental Protection Act*. The bill prohibits the Michigan Department of Environmental Quality from issuing a permit for drilling, or authorizing the use of, an injection well for disposal or storage within an area of karst geology located within 25 miles of the Great Lakes or their connecting waterways. The bill was referred to the Energy and Technology Committee.



Legislature convened 5 JAN 15 and adjourns 31 DEC 15.

PROPOSED LEGISLATION

SJR 3 SEWER AND WATER CAPITAL IMPROVEMENTS SJR 3 permits the issuance of general obligation bonds to fund sewer and water capital improvements. The resolution was referred to the Finance Committee.

FINAL RULES

STORMWATER PROGRAM APPLICABILITY OF RULES OF PROCEDURE AND DEFINITIONS The Ohio Environmental Protection Agency (OEPA) has [adopted](#) amendments to OAC 3745-39-01, *Applicability of rules of procedure and definitions*. The amendments make minor updates to the stormwater program regulations for small MS4s. A notice of the proposed amendments was published in the [August 2015 Northern Review](#). The amendments became effective on 1 NOV 15.

PROPOSED RULES

AMENDMENTS TO LOW REID VAPOR PRESSURE FUEL REQUIREMENTS OEPA has [proposed](#) amendments to Ohio Administrative Code (OAC) chapter 3745-72, *Low Reid Vapor Pressure Fuel Requirements*. The amendments: (1) bring the rules in line with federal requirements; (2) correct minor typographical errors; (3) fulfill the formatting requirements of the Legislative Services Commission; and (4) add and update citation information on materials referenced in the rules. The comment period closed on 5 OCT 15.

OTHER REGULATORY ACTIVITY

MONITORING AND REPORTING OF HARMFUL ALGAL BLOOMS IN PUBLIC WATER SYSTEMS OEPA's Division of Drinking and Ground Waters (DDAGW) has [drafted](#) rules in the new OAC Chapter 3745-90 and amendments to rules in OAC Chapter 3745-89. The new and amended rules: (1) establish action levels for cyanotoxin microcystins; (2) establish cyanobacteria screening, microcystins monitoring, and reporting requirements for surface water public water systems (PWS); (3) require increased monitoring based on detections of microcystins above 5 µg/L in the raw water or exceedances of action levels in drinking water; (4) require PWS to submit written cyanotoxin treatment optimization protocols if microcystins are detected in raw or finished drinking water; (5) require public notification in cases of monitoring violations and exceedances of action levels in drinking water, as well as consumer confidence reports; and (6) establish requirements for laboratory certification, analytical techniques and reporting deadlines. OEPA has also released an [overview](#) of the draft rules. Comments are due by 23 OCT 15.



Legislature convened 7 JAN 15 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

INFRASTRUCTURE SIP REQUIREMENTS FOR 2008 OZONE, 2010 NO₂, AND 2010 SO₂ NAAQS USEPA has issued a final rule to approve some elements of SIP revisions submitted by the state of Wisconsin ([80 FR 54725](#)). The SIP revisions address infrastructure requirements of CAA section 110 for the 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. The infrastructure requirements are designed to ensure that the structural components of each state's air quality management program are adequate to meet the state's responsibilities under CAA. The final rule became effective on 13 OCT 15.

DISAPPROVAL OF SIP REVISION ADDRESSING NO_x AS A PRECURSOR TO OZONE IN STATE PSD PROGRAM USEPA has issued a proposed rule to disapprove an element of SIP revisions submitted by the state of Wisconsin ([80 FR 54468](#)). The SIP revision addresses the infrastructure requirements of CAA section 110 for the 2006 PM_{2.5} NAAQS. The proposed rule pertains specifically to an infrastructure requirement for states to correctly address NO_x as a precursor to ozone in their respective PSD programs. The comment period closed on 13 OCT 15.

SIP REVISIONS CONCERNING STATE BOARD REQUIREMENTS USEPA has issued a proposed rule to approve SIP revisions submitted by the state of Wisconsin ([80 FR 54744](#)). The SIP revisions address the state board requirements under CAA section 128. The proposed rule also approves elements of the SIP submission regarding infrastructure requirements of CAA section 110 relating to state boards for the 1997 ozone, 1997 PM_{2.5}, 2006 PM_{2.5}, 2008 lead, 2008 ozone, 2010 NO₂, and 2010 SO₂ NAAQS. The comment period closed on 13 OCT 15.

PROPOSED LEGISLATION

AB 371 AMENDMENTS TO LOCAL COMPREHENSIVE LAND USE PLANNING REQUIREMENTS AB 371 amends requirements of the "Smart Growth" statute. The bill authorizes a local government to repeal its development plan or master plan (comprehensive plan). The bill also eliminates a state grant program that assists in financing the cost of local planning activities. The bill was referred to the State Affairs and Government Operations Committee.

PROPOSED RULES

AMENDMENTS TO AIR POLLUTION CONTROL RULES The Wisconsin Department of Natural Resources (WDNR) has [proposed](#) amendments to the state air pollution control rules at Chapters NR 400, 404, 405, and 420, of the Wisconsin

Administrative Code. The amendments address changes needed to maintain consistency with USEPA regulations and repeal obsolete rule provisions. A public [hearing](#) is scheduled for 5 NOV 15 and comments are due by 12 NOV 15.

Department of Defense Activity

UPDATE TO UNIFIED FACILITIES CRITERIA FOR LOW IMPACT DEVELOPMENT USACE, the Naval Facilities Engineering Command, and the Air Force Civil Engineer Center have released an [update](#) to the Unified Facilities Criteria (UFC) for low impact development (LID). The revisions clarify: (1) applicability of LID requirements to projects with various mixtures of facility types; (2) project documentation requirements and designer responsibilities; and (3) the relationship of Energy Independence and Security Act (EISA) requirements to CWA requirements.

2016 MILITARY CONSERVATION PARTNER AWARD The U.S. Fish and Wildlife Service (USFWS) is [seeking nominations](#) for the 2016 Military Conservation Partner Award. The annual award recognizes a military installation that has conducted notable conservation work in cooperation with USFWS and other partners. Nominations are critical for successfully recognizing the most deserving military installation. Regional selections are due by 11 DEC 15.

MICROGRIDS DOD, the Department of Energy, and the Department of Homeland Security have developed microgrids to ensure the nation's critical military facilities maintain operations in the event of natural disasters, accidents, and physical or cyber threats. The microgrid project, known as SPIDERS ([Smart Power Infrastructure Demonstration for Energy Reliability and Security](#)), has resulted in several military bases developing a series of backup power sources, including solar, diesel generators, and batteries, that could be used in the event of a major outage. The program can eventually be applied to non-military critical infrastructure.

SUSTAINING ACCESS TO LIVE TRAINING DOMAIN DOD [updated](#) Department of Defense Instruction (DODI) 3200.21, *Sustaining Access to Live Training Domain*, effective 15 SEP 15. The DODI implements policy, assigns responsibilities, and provides procedures for sustaining access to the live training domain to meet training mission requirements. According to the DODI, it is DOD policy to sustain access to, and operational use of, the live training domain through: (1) comprehensive planning to address current and future encroachment challenges; (2) stakeholder engagement and partnering actions to identify compatible resource uses near training activities; (3) sound resource and environmental management practices that sustain the capability of live training areas provided to DOD; and (4) recordkeeping procedures to account for the training range inventory and operational range activities.

Federal Activity

AIR

REVISIONS TO SOURCE TESTING OF EMISSIONS RULES USEPA has issued a proposed rule to make technical and editorial corrections and revisions to regulations related to source testing of emissions ([80 FR 54145](#)). The proposed rule corrects and updates testing provisions that contain inaccuracies and outdated procedures, and provides alternatives to existing testing regulations. The revisions also improve the quality of data and provide testers flexibility to use recently approved alternative procedures. Many of these changes were suggested by testers and other end-users. Changes do not impose new substantive requirements on source owners or operators.

CROSS-STATE AIR POLLUTION RULE USEPA has provided notice of availability for preliminary lists of units eligible for allocations of emission allowances under the Cross-State Air Pollution Rule (CSAPR) ([80 FR 55061](#)). The available preliminary lists are of units eligible for allocations in the second round of the new unit set-aside (NUSA) allocation process for the CSAPR NOx ozone season trading program. The lists may concern CSAPR-affected units in the following states: Alabama, Arkansas, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maryland, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, West Virginia, and Wisconsin.

CLIMATE CHANGE

CLIMATE RESILIENCE TOOLKIT As part of the [Obama Administration's Climate Data Initiative](#), a new set of online climate data resources is available to help with climate change planning, adaptation, and management. The [US Climate Resilience Toolkit](#) was developed by the National Oceanic and Atmospheric Administration and other federal agencies. The toolkit will boost climate resiliency by using data-driven tools, information, and subject-matter expertise. Future updates will include climate impact information specific to tribal nations.

ENERGY

QUADRENNIAL TECHNOLOGY REVIEW 2015 The U.S. Department of Energy (DOE) has [released](#) the 2015 Quadrennial Technology Review (QTR). The QTR describes the current energy landscape, the potential for improvement in systems and technologies, and a wide-ranging set of related research, development, demonstration, and deployment opportunities.

ZERO ENERGY BUILDINGS In 2014, DOE's Building Technologies Office contracted with the National Institute of Building Sciences (NIBS) to establish definitions, associated nomenclature, and measurement guidelines for zero energy buildings. The goal of the guidelines is to achieve widespread adoption and use by the building industry. NIBS prepared [A Common Definition for Zero Energy Buildings](#) to present the results of that work. In addition to providing clarity across the industry, the new DOE publication provides important guidelines for measurement and implementation, specifically explaining how to use the zero energy definition for building projects.

ENFORCEMENT

NATIONAL ENFORCEMENT INITIATIVES FOR FY 2017-2019 USEPA is developing national enforcement initiatives (NEIs) for fiscal years (FY) 2017-2019 and is seeking public comment and recommendations on which of the [current NEIs](#) should continue, be expanded, or returned to the standard enforcement program ([80 FR 55352](#)). USEPA selects these initiatives every three years in order to focus federal resources on the most important environmental problems where noncompliance is a significant contributing factor and where federal enforcement attention can make a difference. The final NEIs will be included in the national enforcement initiatives in the National Program Manager Guidance to enable USEPA, states, and federally recognized Indian tribes to effectively align their joint implementation of environmental laws to achieve mutual goals.

ENVIRONMENTAL MANAGEMENT

UPDATED ISO 14001 The International Organization for Standardization ([ISO](#)) released an updated version of its environmental management standard. The new standard, referred to as [ISO 14000:2015](#), accommodates factoring of both external and internal elements that influence impact, including climate volatility. Other key improvements in the new version are: (1) greater commitment from leadership; (2) increased alignment with strategic direction; (3) greater protection for the environment, with a focus on proactive initiatives; (4) more effective communication, driven through a communications strategy; and (5) life-cycle thinking, considering each stage of a product or service, from development to end-of-life. For more information, click [here](#).

HAZARDOUS MATERIALS

CONTAMINANTS OF CONCERN AT FEDERAL FACILITIES USEPA publishes [technical fact sheets](#) on contaminants of concern that present unique issues and challenges to the environmental community and USEPA at contaminated federal facility sites. Each fact sheet provides a brief summary of the contaminant, including physical and chemical properties, environmental and health impacts, existing federal and state guidelines, and detection and treatment methods. The fact sheets are intended for project managers and field personnel to use when addressing specific contaminants at cleanup sites. They are updated annually.

TOXICOLOGICAL PROFILES: PERFLUOROALKYLS The Agency for Toxic Substances and Disease Registry (ATSDR) has released a toxicological profile for [perfluoroalkyls \(80 FR 53157\)](#). Perfluoroalkyls have been used in surface protection products in carpets, clothing, paper, and cardboard and in firefighting foams. The two perfluoroalkyls made in the largest amounts in the U.S. are PFOA and PFOS. ATSDR produces profiles for each substance on the priority list of hazardous substances. The list identifies 275 hazardous substances that ATSDR, in cooperation with USEPA, has determined pose the most significant potential threat to human health.

NATURAL RESOURCES

NATIONAL WETLAND PLANT LIST USACE has released the [draft 2015 National Wetland Plant List \(NWPL\) \(80 FR 55103\)](#). The NWPL is used to delineate wetlands for purposes of CWA and the Wetland Conservation Provisions of the Food Security Act. Other applications of the list include wetland restoration, establishment, and enhancement projects.

STATUS REVIEWS INITIATED FOR 23 OF 25 SPECIES USFWS has initiated status reviews for 23 of the 25 species petitioned for listing and determined that listing is not warranted for the remaining two species ([80 FR 56423](#)). Based on the results of the 23 status reviews, USFWS will issue 12-month findings indicating whether listing of each species is warranted.

PROPOSED THREATENED SPECIES STATUS FOR EASTERN MASSASAUGA RATTLESNAKE USFWS has issued a proposed rule to list the eastern massasauga rattlesnake as a threatened species under ESA ([80 FR 58688](#)). This rattlesnake species is found in 10 states (NY, PA, MI, OH, IN, IL, WI, MN MO, and IA) and one Canadian Province. USFWS has also determined that the designation of critical habitat for the eastern massasauga rattlesnake is not prudent.

12-MONTH FINDING ON A PETITION TO LIST NEW ENGLAND COTTONTAIL USFWS has announced a 12-month finding on a petition to list the New England cottontail as an endangered or threatened species and to designate critical habitat under EAS ([80 FR 55286](#)). USFWS has found that listing the New England cottontail is not warranted at this time. The finding was announced on 15 SEP 15.

SUSTAINABILITY

FEDERAL PROCUREMENT OF ENVIRONMENTALLY PREFERABLE PRODUCTS AND SERVICES USEPA has provided interim recommendations to assist federal agencies in purchasing environmentally preferable products and services ([80 FR 57809](#)). The interim recommendations will assist federal agencies with the purchase of environmentally preferable products and services in accordance with [Executive Order 13693](#) and reduce public health and environmental impacts associated with the federal government's extensive supply chain. For more information, click [here](#) and [here](#).

WASTE

REVISIONS TO HAZARDOUS WASTE GENERATOR REGULATIONS USEPA has issued a proposed rule to revise the hazardous waste generator regulations under Resource Conservation and Recovery Act (RCRA) ([80 FR 57917](#)). The revisions make

the regulations easier to understand, facilitate better compliance, provide greater flexibility in how hazardous waste is managed, and close gaps in the regulations. USEPA has proposed flexibility by: (1) allowing a hazardous waste generator to avoid the increased burden of a higher generator status when generating episodic waste provided such waste is properly managed; and (2) allowing a conditionally exempt small quantity generator to send hazardous waste to a large quantity generator under control of the same person. USEPA is hosting a webinar concerning the proposed rule on 15 OCT 15. Register [here](#).

PHARMACEUTICAL HAZARDOUS WASTE USEPA has issued a proposed rule to add management standards for hazardous waste pharmaceuticals to hazardous waste rules under a new subpart P to 40 CFR Part 266 ([80 FR 58013](#)). The proposed rule bans healthcare facilities from flushing hazardous waste pharmaceuticals down the sink and toilet. The proposal creates specific regulations for healthcare workers and pharmacists working in hospitals, clinics, and retail stores with pharmacies and for reverse distributors that generate hazardous waste. The rule improves labeling of hazardous waste and emergency planning and preparedness; provides greater flexibility in how facilities and employees manage their hazardous waste; and makes the regulations easier to understand. For more information, click [here](#). USEPA hosted a webinar concerning the proposed rule on 13 OCT 15.

MANAGING AND TRANSFORMING WASTE STREAMS TOOL USEPA has launched a [new tool](#) for communities to recover the lost value of material discards by setting up systems for reuse, recycling, and composting. The tool is ideal for cities and counties that are updating their solid waste management plans and wish to consider additional measures. The tool also works well for entities adopting a zero waste plan or working on sustainability or climate action plans. By using the sorting and filtering features of the tool, planners can generate a list of measures for consideration tailored to their communities' priorities. The website also features more than 240 examples of policies and programs implemented in communities across the country, along with relevant online resources.

WATER

2015 UST RULE: SUPPLEMENTARY INFORMATION USEPA has released a [questions and answers](#) document regarding its 2015 underground storage tank (UST) rule. In addition, the agency released a brochure to answer questions about [implementation time frames](#). For more information about the 2015 UST rule, click [here](#).

Professional Development

Please note: Listing of commercial sponsored training and conferences is not a government endorsement of the training or conferences.

NATIONAL VENUES

(NEW) 7-11 DEC, WASHINGTON, DC: [WATER QUALITY STANDARDS ACADEMY](#) This introductory course was designed for those with six months to one year experience with water quality standards and criteria programs. The course is aimed at states, territories, tribes, environmental groups, industrial groups, municipalities, the academic community, federal agencies, watershed groups, and other interested parties.

TRAINING - ONLINE

(NEW) 13 OCT – 10 Nov, ONLINE: [WATER RESOURCES MANAGEMENT USING NASA EARTH SCIENCE DATA: NASA SATELLITE MISSIONS AND LAND-ATMOSPHERE MODELS RELEVANT TO WATER RESOURCES MANAGEMENT](#) This weekly, five-session series will provide information about availability and access to global freshwater data for applications in drought and agricultural management, flooding, and reservoir management from NASA remote sensing observations and land-

atmosphere models. The series will also provide geographic information system-based analysis of regional water budget for applications in water resources management. Each one-hour session will convene at 10:00 and again at 2:00 Eastern. The course agenda is as follows:

- 13 Oct: NASA Satellite Missions and Land-Atmosphere Models Relevant to Water Resources Management
- 20 Oct: Overview of Precipitation and Soil Moisture Data
- 27 Oct: Overview of Run off/Streamflow and Reservoir Height Data
- 3 Nov: Overview of Evapotranspiration and Ground Water Data
- 10 Nov: Regional Water Budget Estimation and Water Resources Data Applications

2015 SMALL DRINKING WATER AND WASTEWATER SYSTEMS WEBINAR SERIES USEPA's Office of Research Development and Office of Water are hosting a monthly webinar series to communicate USEPA's current small systems research along with agency priorities. The site also includes an archive of past webinars.

- 27 OCT 15: Decentralized High-Rate Wastewater Treatment of Peak Wet Weather Flows
- 24 NOV 15: Treatability Databases, Cost Models, and other Tools for Water Systems
- 15 DEC 15: Reduction of Lead in Drinking Water

ENERGY MANAGEMENT BASIC TRAINING- TOOLS AND RESOURCES FOR RESULTS This course will provide civilian and military personnel with a concise overview of federal energy management, and the most current tools and resources for success. The instructors for this seminar will be Randall Smidt, Army Program Manager for Alternative Financing, and Thomas B. Delaney, Jr., PE, Army Energy Conservation Investment Program Manager. Both instructors serve within the Army's Facilities Policy Division of the Office of the Assistant Chief of Staff for Installation Management.

INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL (ITRC) TRAINING ITRC is a state-led coalition of regulators, industry experts, academia, citizen stakeholders, and federal partners from all 50 states and the District of Columbia that supports new approaches to tough cleanup projects. ITRC offers Internet-based training and hosts nationwide classroom training. Topics span the full spectrum of remediation subjects. The Internet-based training is supported by ITRC technical and regulatory guidance documents and is hosted with USEPA's Technology Innovation and Field Services Division (TIFSD). For a listing of current classes and to register, visit [USEPA's Clu-In Web page](#). The nationwide classroom training courses are often provided with an ITRC member state and provide participants with face-to-face training, hands-on problem solving, and engaging real world site applications. Visit the [ITRC training website](#) for specific training topics and scheduled events.

USEPA TMDLS AND NPDES PERMITTING WEB-BASED TRAINING MODULES USEPA has developed three web-based training modules on topics related to TMDLs and NPDES permitting. The presentations are intended for TMDL developers and NPDES permitting staff to gain a better understanding of TMDL implementation through NPDES permits. Each module is offered as a recorded presentation that enables participants to review the material on demand in a self-paced environment. The modules are also available as unrecorded PowerPoint presentations with slides and scripts. Each recorded session is approximately two hours long. The modules are: (1) Understanding TMDLs: A Primer for NPDES Permit Writers; (2) Understanding WLA (waste load allocation) Implementation in Permits: A Primer for TMDL Developers; and (3) Understanding TMDLs with Stormwater Sources and the NPDES Stormwater Permitting Process.

AVERT TUTORIAL USEPA launched its new on-demand training on how to use its Avoided Emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy programs to displace electricity system-related SO₂, NO_x, and CO₂ emissions in the continental United States. The tool can be used to evaluate county, state and regional level emissions displaced by energy efficiency and renewable energy programs without the need of specialized resources or electricity system expertise.

FEMP TRAINING SEARCH TOOL The Federal Energy Management Program (FEMP) has launched FEMP Training Search, a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The new search tool provides options to easily find and select training offerings by topic area, topic

series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

[SERDP AND ESTCP WEBINAR SERIES](#) The DOD environmental research and development funding programs SERDP and ESTCP are launching 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 USDOE audiences.

[AIR FORCE INSTITUTE OF TECHNOLOGY \(AFIT\) TRAINING COURSE, QUALIFIED RECYCLING PROGRAM MANAGEMENT](#) This Interservice Environmental Education Review Board (ISEERB) designated course emphasizes principles and techniques to assist students in implementing a sound Qualified Recycling Program (QRP). The course focuses on learning what products can be recycled, products prohibited from recycling, QRP regulations, necessary processing equipment, collection and sorting methods to maximize returns, working with your Defense Reutilization and Marketing Office, establishing contracts, recording transactions, DOD recordkeeping, and estimating future budgets.

[ENERGY STAR WEBCASTS](#) Energy Star is hosting a series of webcasts covering various topics including Federal Guiding Principles Checklist, Portfolio Manager 101, and Portfolio Manager 201.

[CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES](#) The National Climate Change and Wildlife Science Center is partnering with the National Conservation Training Center to offer the webinar series 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.

[READINESS AND ENVIRONMENTAL PROTECTION INTEGRATION \(REPI\) PROGRAM WEBINAR SERIES](#) The REPI Webinar Series is presented by DOD in partnership with the [Land Trust Alliance](#). This online series covers best practices, tutorials, and knowledge sharing on REPI partnerships that support military mission and accelerate the pace and rate of conservation. All webinars begin at 1:00 p.m. Eastern unless otherwise noted.

[USEPA RCRA TRAINING](#) RCRA related online courses, seminars, webinars, podcasts, and videos are posted throughout USEPA's waste website. Introductory and advanced courses are included for federal and state regulators, the regulated community, organizations, associations, and consumers interested in environmental laws, regulations, and implementation. Topics include general RCRA, RCRA corrective action, Environmental Management Systems (EMS), e-waste, groundwater characterization and cleanup, land revitalization, land disposal restrictions, sustainable materials management web academy, and RCRA permitting.

[BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES TRAINING](#) The training is provided by USDOE's FEMP and provides federal facility and energy managers with knowledge and skills to assist in meeting water-related legislative and executive order requirements. Participants develop skills in increasing water efficiency, and reducing water use through sound operations practices and water-efficient technologies. Water metering is covered, as well as life cycle costing and establishing the overall economics for strategic water management.

[USEPA TRAINING PRESENTATIONS ON GHG REPORTING](#) USEPA provides training presentations and a tutorial on general provisions (subpart A), stationary combustion (subpart C), electricity generation (subpart D), and municipal landfills (subpart HH) sections of the GHG Reporting Program Part 98.

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

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

FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER FedCenter.gov is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information in the following areas: program development; federal and state regulatory requirements for various facility activities; regulatory watch for information on new or changed laws or regulations; pollution prevention (P2) opportunities and best management practices; USEPA enforcement notices; links to state environmental programs; access to environmental assistance; environmental conferences, meetings, training, and workshop information; applicable laws and Executive Orders; and industry sector-specific newsletters.

MILITARY MUNITIONS SUPPORT SERVICES SERIES A series of monthly webinars sponsored by USEPA's Contaminated Sites Clean-Up Information program supports the Military Munitions Support Services community.

USACE PROSPECT TRAINING U.S. Army Corps of Engineers (USACE) announces course availability for the FY16 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all 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: Environmental Regulations Practical Application Course (Course Control Number (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); and Environmental Laws and Regulations (CCN 170).

ARMY PODCAST SERVICE The Army offers free podcasts on a wide variety of topics, including an environmental series, an USACE series, and many more. The podcasts are available through a free subscription service.

NAVY AND ISEERB ENVIRONMENTAL TRAINING FY16 The Navy and the ISEERB Environmental Training schedule for FY16 is available. Course topics include environmental overview and management, law planning and sustainability, pollution prevention, restoration, conservation, supplemental and Internet/computer-based training, and more.

AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING FY16 The Air Force Civil Engineering School offers a variety of environmental management courses and seminars, including ISEERB offerings. Courses offered by the Civil Engineer School are available to all military and civilian employees of the U.S. government. Fees vary according to personnel status (i.e., active duty Air Force/civilian, other U.S. government employee, contractor).

NPDES TRAINING COURSES AND WORKSHOPS Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES permit program. They are designed for permit writers, dischargers, USEPA officials, and other interested parties.

USEPA WATERSHED ACADEMY WEBCAST SERIES USEPA's Watershed Academy is sponsoring free webcast seminars for local watershed organizations, municipal leaders, and others. To access a webcast, simultaneously log on to the web and/or participate by phone conference lines in live training conducted by expert instructors. Archived training sessions are also available by streaming audio.

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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 protected.

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

To be added to the *Northern Review* distribution list, email [Leanne Dickens](mailto:Leanne.Dickens).