



Northern Review

of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

November 2015

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.

Find out more about the Army Regional Environmental and Energy Offices [here](#). Click [here](#) to browse back issues of the *Northern Review*. To read back issues of other Regional Office *Reviews*, click on a region of the website's U.S. map and then select "Publications." To receive a copy of this electronic publication, [send a subscription request](#).

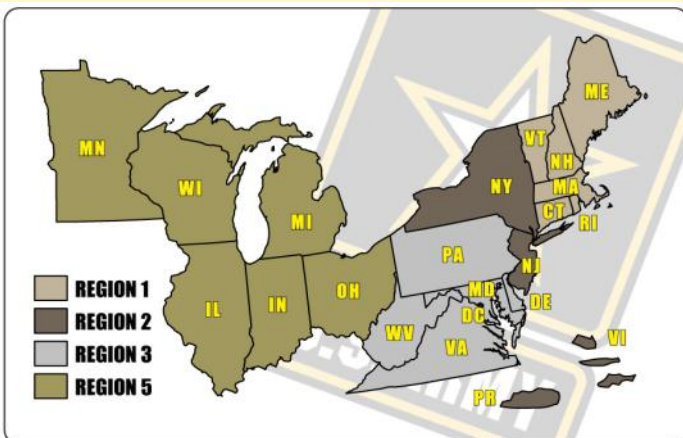


TABLE OF CONTENTS

Region 1	2
Region 2	3
Region 3	5
Region 5	9
DOD Activity	12
Federal Activity	12
Professional Development.....	15
How the Regional Offices Work for You.....	19

WHAT'S IN THIS REVIEW?

Region 1

In MA, federal approval for revisions that limit emissions of VOCs and NO_x. In RI, federal approval for revisions lowering the sulfur content for certain fuels.

Region 2

In NJ, proposed amendments to regulations concerning NJPDES, radiation protection programs, and water quality management planning. In NY, final rules concerning chemical bulk storage and an emerald ash borer quarantine. In PR, legislative approval for a final report concerning solid waste collection and disposal.

Region 3

In DE, interim emergency sediment and stormwater management regulations, and proposed amendments to the solid waste regulations. In DC, final amendments to the management of hazardous waste management and used oil rules, and proposed updated plan review fees for stormwater management, soil erosion, and sediment control. In MD, proposed amendments to water pollution permit regulations. In PA, proposed amendments to safe drinking water rules, and a draft NPDES GP for stormwater discharges associated with industrial activity. In VA, adopted amendments to rules governing industrial wastes, historic resources designations, and water quality management planning. In WV, final incorporation of federal NESHAP and NSPS rules.

Region 5

In IL, proposed amendments to primary drinking water standards. In IN, emergency rule governing AST reporting and final amendments to SO₂ emission limitations and monitoring rules. In OH, final amendments to the rules governing hazardous waste management; general NPDES permits; water use designations and statewide criteria; and pesticide application licensure.

DOD Activity

Release of REPI state fact sheets and DLA guidance on fuel, spill, and release reporting.

Federal Activity

U.S. Court of Appeals for the Sixth Circuit issues a stay against the 2015 Clean Water Rule. USEPA issued final rules concerning GHG emissions from EGUs, ozone NAAQS, and NPDES electronic reporting. USFWS finalizes critical habitat for Dakota skipper and Poweshiek skipperling.

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 3 DEC 14 and adjourned sine die 16 JUN 15.

FINAL RULES

PROCESSING OF APPLICATIONS AND OTHER ADMINISTRATIVE MATTERS The Maine Department of Environmental Protection (MDEP) has [adopted](#) amendments to Chapter 2, *Rules Concerning the Processing of Applications and Other Administrative Matters*. The amendments facilitate the electronic submission of applications, appeals, and petitions; and eliminate the requirement to submit an original paper document within five working days of an electronic submission. The amendments also revise the permit by rules provisions of Chapter 2 to provide for a 14 calendar day review period, which is consistent with MDEP's Chapter 305, *Natural Resources Protection Act - Permit by Rule Standards*. A notice of the proposed amendments was published in the [March 2015 Northern Review](#). The amendments became effective on 19 OCT 15.



Legislature convened 7 JAN 15 and adjourns 18 NOV 15.

FEDERAL ACTIVITY

APPROVAL OF REGULATIONS LIMITING EMISSIONS OF VOCs AND NO_x USEPA has issued a direct final rule approving State Implementation Plan (SIP) revisions submitted by the commonwealth of Massachusetts ([80 FR 61101](#)). The revisions establish emission limitations for certain activities that cause emissions of volatile organic compounds (VOCs) and nitrogen oxides (NO_x). Approval of these state requirements into the Massachusetts SIP will make them federally enforceable. Barring adverse comment the direct final rule becomes effective on 8 DEC 15.



Legislature convened 6 JAN 15 and adjourned sine die 25 JUN 15.

FEDERAL ACTIVITY

SIP REVISIONS CONCERNING SULFUR CONTENT OF FUELS USEPA has issued a direct final rule approving SIP revisions submitted by the state of Rhode Island ([80 FR 60541](#)). The revisions amend the air pollution control regulations to mandate a lower sulfur content for petroleum-based distillate and residual fuel oils. In addition, outdated provisions have been removed. Barring adverse comment the direct final rule becomes effective on 7 DEC 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.



New Jersey

Legislature convened 13 JAN 15 and adjourns 12 JAN 16.

PROPOSED LEGISLATION

SB 3180 REGISTRATION REQUIREMENT FOR COOLING TOWERS SB 3180 requires registration, inspection, testing, cleaning, and disinfection of cooling towers to control outbreaks of Legionnaire's Disease. Cooling towers that use a recirculated water system are associated with outbreaks of Legionnaire's Disease. Legionnaire's is a respiratory condition characterized by pneumonia-like symptoms which can, in severe cases, result in death. The bill requires the owner of a building at which a cooling tower is located to register the tower with the New Jersey Department of Health (NJDOH) prior to initial operation of the tower. In the case of a currently-existing cooling tower, the bill requires the owner to register the tower within 30 days of the bill's effective date. The registration must include the owner's contact information and details concerning the cooling tower's specifications. The bill was referred to the Health, Human Services and Senior Citizens Committee.

PROPOSED RULES

AMENDMENTS TO NJPDES REGULATIONS The New Jersey Department of Environmental Protection (NJDEP) has [proposed](#) amendments to the New Jersey Pollutant Discharge Elimination System (NJPDES) regulations. The amendments revise the treatment works approvals rules (N.J.A.C. 7:14A-22) concerning the capacity assurance program provisions. A public hearing is scheduled for 3 DEC 15 and comments are due by 18 DEC 15.

AMENDMENTS TO RADIATION PROTECTION PROGRAM REGULATIONS NJDEP has [proposed](#) amendments to the Radiation Protection Program rules, which govern the possession, handling, and use of sources of radiation within the state. The amendments fall within three general categories: (1) implementation of recent amendments to the Radiologic Technologist Act; (2) incorporation of the Nuclear Regulatory Commission's requirements for Agreement States; and (3) miscellaneous corrections to cross-references, terminology, and the previous incorporations of federal regulations by reference. Comments are due by 18 DEC 15.

AMENDMENTS TO WATER QUALITY MANAGEMENT PLANNING RULES NJDEP has [proposed](#) amendments to the Water Quality Management Planning (WQMP) rules, which implement the Water Quality Planning Act. The purpose of the act is to maintain and, where attainable, restore the chemical, physical, and biological integrity of the surface and groundwater resources of the state. The amendments significantly revise the WQMP rules in order to streamline the planning process and better integrate it with existing permitting programs. In addition, the amendments revise the NJPDES and Highlands Water Protection and Planning Act rules to make them consistent with the proposed new WQMP rules. Comments are due by 18 DEC 15.



Legislature convened 7 JAN 15 and adjourned 25 JUN 15.

FEDERAL ACTIVITY

WITHDRAWAL OF CERTAIN STATE SEWAGE SLUDGE INCINERATION PLAN PROVISION APPROVAL USEPA has issued a final rule approving a request from the state of New York ([80 FR 65159](#)). The final rule withdraws USEPA's prior approval of a provision of the state sewage sludge incineration plan allowing for affirmative defenses of Clean Air Act (CAA) violations in the case of malfunctions. No other provision in the state plan is affected by the final rule. The final rule becomes effective on 25 NOV 15.

FINAL RULES

CHEMICAL BULK STORAGE REGULATORY AMENDMENTS The New York Department of Environmental Conservation (NYSDEC) has [adopted](#) a rulemaking to repeal, amend, and add new rules to the resource management services regulations regarding chemical bulk storage. The rulemaking affects Title 6 NYCRR Parts 595 through 599 by amending the existing chemical bulk storage rule to be at least as stringent as USEPA 40 CFR 280 rules, and includes 2008 state statutory changes. A notice of the proposed amendments was published in the [September 2014 Northern Review](#). The rulemaking became effective on 11 OCT 15.

EMERALD ASH BORER QUARANTINE NYSDEC has [adopted](#) amendments to the forest insect disease control regulations concerning the Emerald ash borer (EAB) beetle. The amendments add a new section (section 192.7) that quarantines the EAB to 14 restricted zones where infestations already exist. The EAB is a non-indigenous destructive wood-boring insect native to Eastern Europe and Asia. A notice of the proposed amendments was published in the [June 2015 Northern Review](#). The amendments became effective on 7 OCT 15.



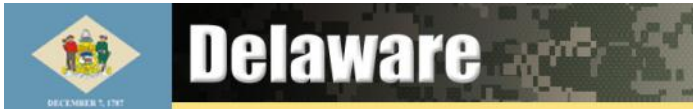
Legislature convened 14 JAN 13 and adjourns 31 DEC 16.

FINAL LEGISLATION

[RC 1059](#) INVESTIGATION OF SOLID WASTE COLLECTION AND DISPOSAL OF SOLID WASTE IN PUERTO RICO RC 1059 required the House Municipal Affairs and Regionalization Commission to investigate the current status of the disposal of solid waste in Puerto Rico. The investigation researched how different regions and/or municipalities were working with the processes of recycling, reuse, and waste reduction. The House has approved the [final report](#).

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.

FEDERAL ACTIVITY

2011 BASE YEAR INVENTORIES FOR 2008 8-HOUR OZONE NAAQS FOR NEW CASTLE AND SUSSEX COUNTIES USEPA has issued a direct final rule approving the 2011 base year inventories for the 2008 8-hour ozone National Ambient Air Quality Standard (NAAQS) for New Castle and Sussex Counties, submitted by the state of Delaware ([80 FR 59052](#)). The emission inventories were submitted to meet the nonattainment requirements for the marginal ozone nonattainment areas. Barring adverse comment the direct final rule becomes effective on 30 NOV 15.

SIP REVISIONS TO INCORPORATE STATE LEV PROGRAM USEPA has issued a direct final rule approving a SIP revision submitted by the state of Delaware ([80 FR 61752](#)). The SIP revision pertains to Delaware's adoption of a Low Emission Vehicle (LEV) Program. Delaware adopted California emission standards for passenger cars and trucks, and medium-duty passenger and other medium-duty vehicles in 2010, effective beginning with new vehicles sold in model year 2014. The revisions incorporate the LEV program into the SIP. Barring adverse comment the direct final rule becomes effective on 14 DEC 15.

FINAL RULES

INTERIM EMERGENCY SEDIMENT AND STORMWATER MANAGEMENT REGULATIONS The Delaware Department of Natural Resources and Environmental Control (DDNREC) has [adopted](#) interim emergency sediment and stormwater management [regulations](#). The emergency regulations reinstate 2014 regulations recently invalidated by a Superior Court decision, and adopt supporting technical materials as regulations, consistent with the Court's ruling. The technical materials include design and construction standards and specifications intended to assist in complying with the regulations. The emergency regulations became effective on 16 OCT 15 and will expire on 13 FEB 16.

PROPOSED RULES

REGULATION GOVERNING BEACH PROTECTION AND USE OF BEACHES DDNREC has [proposed](#) revisions to 7 DE Admin. Code 5102, *Regulation Governing Beach Protection and the Use of Beaches*. The revisions incorporate legislative changes to the Beach Preservation Act, concerning policies and construction standards that will result in less damages to structures and protections of the dune and beach resource. The comment period closed on 7 NOV 15.

AMENDMENTS TO DELAWARE SOLID WASTE AUTHORITY REGULATIONS The Delaware Solid Waste Authority (DSWA) has [proposed](#) amendments to the solid waste regulations at 1 DE Admin. Code 501. The amendments require most solid waste generated in the state of Delaware to be delivered to a DSWA facility. DSWA has also [proposed](#) amendments to the Statewide Solid Waste Management Plan (1 DE Admin. Code 502), which address the purpose and impact of the proposed amendments to Code 501. Comments are due on both proposals by 17 NOV 15.



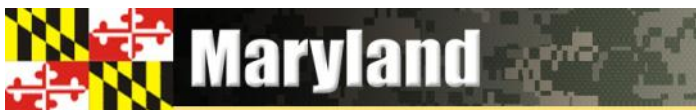
Legislature convened 1 JAN 15 and adjourns 31 DEC 15.

FINAL RULES

STANDARDS FOR MANAGEMENT OF HAZARDOUS WASTE AND USED OIL The DC Department of Energy and Environment (DOEE) has [adopted](#) amendments to Chapter 42 (Hazardous Waste Management- Standards for the Management of Hazardous Waste and Used Oil) of Title 20 (Environment) of the District of Columbia Municipal Regulations (DCMR). The amendments repeal extraneous regulations and allow DOEE to more effectively regulate hazardous waste in a manner consistent with federal law. The amendments became effective on 23 OCT 15.

PROPOSED RULES

UPDATE OF FEES FOR STORMWATER MANAGEMENT, SOIL EROSION AND SEDIMENT CONTROL DOEE has [proposed](#) amendments to Chapter 5 (Water Quality and Pollution) of DCMR Title 21 (Water and Sanitation). The amendments update multiple fees that DOEE adjusts annually for inflation. The update affects fees for: (1) the *District Stormwater Management Guidebook*; (2) soil erosion and sediment control plan review; (3) stormwater management plan review; (4) stormwater pollution prevention plan review; (5) review of stormwater management plan to certify stormwater retention credits; (6) green area ratio plan review; and (7) resource fees. Comments are due by 22 NOV 15.



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

FEDERAL ACTIVITY

ADOPTION OF CTGs FOR METAL FURNITURE COATINGS AND MISCELLANEOUS METAL PARTS COATINGS USEPA has issued a final rule approving a SIP revision submitted by the state of Maryland ([80 FR 59055](#)). The revision includes amendments to Maryland's regulation for the control of VOCs. The revisions also allow the state to meet the requirement to adopt reasonably available control technology (RACT) for sources covered by USEPA's Control Techniques Guidelines (CTG) standards for coatings for metal furniture and miscellaneous metal parts. The amendments will reduce emissions of VOC from these source categories and assist Maryland to attain and maintain the NAAQS for ozone. The final rule became effective on 2 NOV 15.

PROPOSED RULES

AMENDMENTS TO WATER POLLUTION PERMIT REGULATIONS The Maryland Department of the Environment (MDE) has [proposed](#) amendments to the water pollution permit regulations at COMAR 26.08.04. The amendments eliminate annual fees related to certain general discharge permits issued by the Oil Control Program. The amendments address notice of intent coverage under general discharge permits for stormwater and hydrostatic test water from an oil terminal and treated groundwater. The annual fee of \$120 is also being eliminated for coverage under both general discharge permits. Comments are due by 16 NOV 15.

AMENDMENTS TO UNDERGROUND STORAGE SYSTEM, REMOVER, AND INSPECTOR CERTIFICATION RULES MDE has [proposed](#) amendments to the regulations at COMAR 26.10.06, *Underground Storage System Technician, Remover, and Inspector Certification*. The amendments eliminate fees associated with certain certifications issued through the Oil Control Program. The amendments eliminate the fees for the following MDE certification categories: (1) Underground Storage

System Technician; (2) Underground Storage System Heating Oil Technician; (3) Underground Storage System Remover; (4) Underground Storage System Inspector. Comments are due by 16 NOV 15.



Legislature convened 6 JAN 15 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

PITTSBURGH NONATTAINMENT AREA FOR 1997 ANNUAL AND 2006 24-HOUR PM2.5 NAAQS USEPA has issued a final rule approving the commonwealth of Pennsylvania's request to redesignate the Pittsburgh Nonattainment Area to attainment for the 1997 annual and 2006 24-hour fine particulate (PM2.5) NAAQS ([80 FR 59624](#)). USEPA has also approved as a SIP revision the associated maintenance plan that shows maintenance through 2025. The maintenance plan includes the 2017 and 2025 PM2.5 and NO_x motor vehicle emissions budgets (MVEBs), which USEPA approved for transportation conformity purposes. Furthermore, USEPA has approved the 2007 emissions inventories for the 1997 annual PM2.5 NAAQS and the 2011 emissions inventories for the 2006 24-hour PM2.5 NAAQS included in the maintenance plan. The final rule became effective on 2 OCT 15.

PROPOSED LEGISLATION

HB 1661 AUTHORIZATION FOR FIRST CLASS TOWNSHIPS TO REGULATE STORMWATER MANAGEMENT HB 1661 amends *The First Class Township Code*, to provide for stormwater management plans and facilities. The bill authorizes a township to assess reasonable and uniform fees for stormwater management activities and facilities without the need to establish a municipal authority. The bill also authorizes the enactment and enforcement of ordinances to govern and regulate the planning, management, implementation, construction and maintenance of stormwater facilities. The bill was referred to the Local Government Committee.

PROPOSED RULES

NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY (PAG-03) The Pennsylvania Department of Environmental Protection (PADEP) has [proposed](#) the draft National Pollutant Discharge Elimination System (NPDES) General Permit (GP) for Stormwater Discharges Associated with Industrial Activity (PAG-03). The PAG-03 GP provides NPDES permit coverage to persons discharging stormwater associated with industrial activity to waters of the commonwealth that are not considered high quality or exceptional value. The current PAG-03 permit is scheduled to expire on 5 DEC 15, but will remain in effect until the new PAG-03 GP is approved. The draft PG does contain some significant changes in comparison to the existing PAG-03 GP. Comments are due by 16 NOV 15.

AMENDMENTS TO SAFE DRINKING WATER REGULATIONS The Pennsylvania Environmental Quality Board has [proposed](#) amendments to the safe drinking water regulations at 25 PA. Code Chapter 109. The amendments supplement the Total Coliform Rule by requiring public water systems (PWS) that are vulnerable to microbial contamination to perform assessments to identify sanitary defects and subsequently take action to correct them. The amendments also incorporate a multi-barrier approach designed to guard against microbial contamination by evaluating the effectiveness of treatment and the integrity of drinking water distribution systems, and by finding and fixing sanitary defects. Comments are due by 1 DEC 15.

OTHER REGULATORY ACTIVITY

2015 DRAFT ASSESSMENT AND LISTING METHODOLOGY PADEP has [requested comment](#) on the draft [2015 Assessment and Listing Methodology](#). PADEP is federally required by the Clean Water Act (CWA) to report on the condition of all

their waters in a biennial integrated report. Stream and lake evaluations presented in the report must be supported by assessment methodologies based on sound science and technical procedures that are clear and complete. The methodology is a compilation of the protocols being used to assess waters that may appear in the 2016 Pennsylvania Integrated Water Quality Monitoring and Assessment Report. Comments are due by 17 NOV 15.



Legislature convened 14 JAN 15 and adjourned 27 FEB 15.

FEDERAL ACTIVITY

CROSS-MEDIA ELECTRONIC REPORTING USEPA has approved the commonwealth of Virginia's request to revise its USEPA-authorized NPDES program to allow electronic reporting ([80 FR 60668](#)). The approval became effective on 7 OCT 15.

FINAL RULES

AMENDMENTS RELATED TO INDUSTRIAL WASTES The Virginia Department of Environmental Quality (VDEQ) has [adopted](#) amendments to 9VAC25-20 (Fees for Permits and Certificates), 9VAC25-31 (Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation), and 9VAC25-32 (Virginia Pollution Abatement Permit Regulation). The [amendments](#) incorporate requirements established by 2015 House Bill 1364 and Senate Bill 1413. The 2015 legislation allows localities to establish programs that test and monitor the land application of solid and semisolid industrial waste. The bills also required the Virginia State Water Control Board to adopt regulations that establish fees for semisolid industrial waste generators and procedures for managing the funds. The amendments establish the required fee and procedures for collecting, depositing, and dispersing the money. The amendments become effective on 1 JAN 16.

AMENDMENTS TO WATER QUALITY MANAGEMENT PLANNING REGULATIONS VDEQ has [adopted](#) amendments to the state's Water Quality Management Planning Regulation ([9 VAC 25-720](#)). The amendments include nine new Total Maximum Daily Load (TMDL) waste load allocations in the Potomac-Shenandoah River Basin and three new TMDL waste load allocations in the James River Basin. The amendments also affect two TMDL reports. The amendments became effective on 2 DEC 15.

EVALUATION CRITERIA AND PROCEDURES FOR HISTORIC RESOURCES DESIGNATIONS The Virginia Board of Historic Resources (VBHR) has adopted two separate emergency amendments to [17VAC5-30](#) and [17VAC10-20](#). The amendments to 17VAC5-30 address the owner objection process to properties nominated for designation by the VBHR for inclusion in the Virginia Landmarks Register. The amendments to 17VAC10-20 address the owner objection process to properties nominated for designation by the State Review Board for inclusion in the National Register of Historic Places or designation as a National Historic Landmark. Both amendments add clarifying language regarding written notification requirements and establish timelines for property owners to submit formal objections. Both emergency amendments became effective on 14 SEP 15 and will expire on 14 MAR 17.

PROPOSED RULES

REGULATIONS FOR NATURAL GAS MOTOR VEHICLE MECHANICS AND TECHNICIANS The Virginia Department of Professional and Occupational Regulation has [proposed](#) amendments to 18VAC120-50, *Regulations for Natural Gas Motor Vehicle Mechanics and Technicians*. The amendments establish a regulatory program for the certification of natural gas automobile mechanics and technicians in accordance with Chapter 763 of the 2014 Acts of Assembly. The amendments include certification requirements, standards of practice, grounds for disciplinary actions, and recordkeeping requirements. A public hearing is scheduled for 17 NOV 15 and comments are due by 18 DEC 15.



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

FEDERAL ACTIVITY

CAA TITLE V OPERATING PERMIT PROGRAM REVISION USEPA has issued a proposed rule approving a revision to the West Virginia Title V Operating Permit Program submitted by the state of West Virginia ([80 FR 60110](#)). The state program is implemented through the Requirement for Operating Permits Rule (45CSR30). The revision amends 45CSR30 to increase the annual Title V operating permit fees collected by the West Virginia Department of Environmental Protection (WVDEP). The comment period closed on 4 NOV 15.

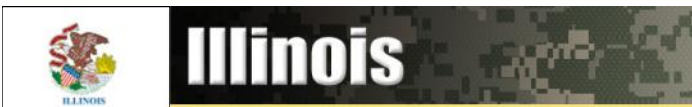
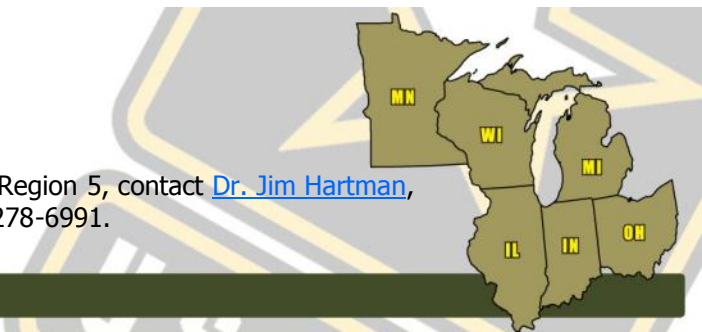
FINAL RULES

INCORPORATION OF USEPA NESHAP AMENDMENTS WVDEP has [approved](#) amendments to 45CSR34, *Emission Standards for Hazardous Air Pollutants*. The amendments incorporate by reference USEPA NESHAP amendments promulgated as of 1 JUN 15. The federal amendments incorporated include: (1) Polyvinyl Chloride and Copolymers Production Area Sources; (2) Manufacture of Amino/Phenolic Resins; (3) Off-Site Waste and Recovery Operations; (4) Fossil-Fuel-Fired Electricity Utility; and (5) Coal-Fired and Oil-Fired Electric Steam Generating Units. The Legislative Rule Making Review Committee has [approved](#) the amendments for promulgation and they will be presented to the 2016 West Virginia Legislature for approval.

INCORPORATION OF FEDERAL NSPS STANDARDS WVDEP has [approved](#) amendments to 45CSR16, *Standards of Performance for New Stationary Sources*. The amendments incorporate by reference the national standards of performance for new stationary sources (NSPS) and other regulatory requirements promulgated by USEPA as of 1 JUN 15. New or revised NSPS standards being incorporated include: (1) Standards of Performance for Oil and Natural Gas Sector; (2) Industrial-Commercial-Institutional, and Small Industrial-Commercial-Institutional Steam Generating Units; and (3) New Residential Hydronic Heaters and Forced-Air Furnaces. The Legislative Rule Making Review Committee has [approved](#) the amendments for promulgation and they will be presented to the 2016 West Virginia Legislature for approval.

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.

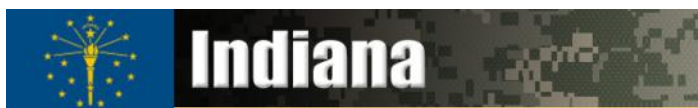
FEDERAL ACTIVITY

SIP REVISIONS TO THE DEFINITION OF VOC USEPA has issued a direct final rule approving a SIP revision submitted by state of Illinois ([80 FR 60043](#)). The revision amends the Illinois Administrative Code (IAC) by updating the definition of volatile organic material (VOM), otherwise known as VOC, to exclude 2,3,3,3-tetrafluoropropene. The revision is in

response to an 2013 USEPA rulemaking that exempted this compound from the federal definition of VOC. Barring adverse comment the direct final rule becomes effective on 4 DEC 15.

PROPOSED RULES

AMENDMENTS TO PRIMARY DRINKING WATER STANDARDS The Illinois Pollution Control Board (IPCB) has [proposed](#) amendments to 35 Ill. Adm. Code 611, *Primary Drinking Water Standards*. The amendments update the current fluoride standard to reflect recent recommendations by the U.S. Department of Health and Human Services. Community water supply systems that are required to add fluoride to the water must now maintain a fluoride ion concentration of 0.7 mg/l in the distribution system vice 0.9 - 1.2 mg/l as previously required. The amendment also adds a secondary standard for fluoride of 2.0 mg/L. IPCB has issued a [second notice](#) for the amendments and comments are due by 14 NOV 15.



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

FINAL RULES

REPORTING FORM FOR ABOVEGROUND STORAGE TANKS The Indiana Department of Environmental Management (IDEM) has [adopted](#) an emergency rule concerning reporting for aboveground storage tanks (ASTs). The rule requires, with some exceptions, the owner or operator of an AST located in a critical zone of concern to submit a completed reporting form to IDEM before 1 JAN 16. The emergency rule became effective on 15 OCT 15 and will expire on 13 JAN 16.

AMENDMENTS TO SO₂ EMISSION LIMITATIONS AND MONITORING REGULATIONS IDEM has [adopted](#) amendments to the Air Pollution Control Division Rules at 326 IAC 7 concerning sulfur dioxide (SO₂). The amendments revise/repeal specific SO₂ emission limitations and monitoring regulations and add rules concerning the new 1-hour SO₂ NAAQS. Portions of the amendments became effective on 2 OCT 15, while others become effective on 1 JAN 17.

OTHER REGULATORY ACTIVITY

ROSTER OF INDIANA ANIMALS, INSECTS, AND PLANTS THAT ARE EXTIRPATED, ENDANGERED, THREATENED, OR RARE The Indiana Natural Resources Commission has [issued](#) Information Bulletin #2 (Seventh Amendment) regarding the *Roster of Indiana Animals, Insects, and Plants that are Extirpated, Endangered, Threatened, or Rare* (also described as Special Concern). The amendment: (1) adds the ruffed grouse and the rufa red knot to the species of special concern for birds; (2) changes the name of the northern cavefish to the Hoosier cavefish; (3) modifies scientific names to accurately reflect the current, published scientific names for each species; and (4) updates the listing of extirpated and endangered vascular plants. The bulletin was issued on 7 OCT 15.



Legislature convened 14 JAN 14 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

INFRASTRUCTURE SIP REQUIREMENTS FOR 2008 OZONE, 2010 NO₂, 2010 SO₂, AND 2012 PM_{2.5} NAAQS USEPA has issued a final rule approving elements of SIP revisions submitted by the state of Michigan ([80 FR 61311](#)). The revisions address CAA section 110 infrastructure requirements for the 2008 ozone, 2010 nitrogen dioxide (NO₂), 2010 SO₂, and 2012 PM_{2.5} NAAQS. The infrastructure requirements ensure that the structural components of a state's air quality management program are adequate to meet CAA requirements. The final rule became effective on 12 NOV 15.

2006 PM2.5 AND 2008 LEAD NAAQS STATE BOARD INFRASTRUCTURE SIP REQUIREMENTS USEPA has issued a direct final rule approving elements of SIP revisions submitted from state of Michigan ([80 FR 63451](#)). The revisions address CAA section 110 state board requirements for the 2006 PM2.5 and 2008 lead NAAQS. The infrastructure requirements ensure that the structural components of a state's air quality management program are adequate to meet the state's CAA responsibilities. Barring adverse comment the direct final rule becomes effective on 21 DEC 15.



Legislature convened 6 JAN 15 and adjourned sine die 18 MAY 15.

FEDERAL ACTIVITY

INFRASTRUCTURE SIP REQUIREMENTS FOR 2008 OZONE, 2010 NO₂, 2010 SO₂, AND 2012 PM2.5 NAAQS USEPA has issued a final rule approving some elements and disapproving other elements of SIP revisions submitted by the state of Minnesota ([80 FR 63436](#)). The revisions address CAA section 110 infrastructure requirements for the 2008 ozone, 2010 NO₂, 2010 SO₂, and 2012 PM2.5 NAAQS. USEPA has disapproved certain elements of Minnesota's submissions relating to Prevention of Significant Deterioration (PSD) requirements. Minnesota already administers federally promulgated regulations that address the disapprovals described in the final rule. The final rule becomes effective on 19 NOV 15.

PROPOSED RULES

UPDATE TO OCCUPATIONAL SAFETY AND HEALTH STANDARDS The Minnesota Department of Labor and Industry, Occupational Safety and Health Division has [proposed](#) revisions to the occupational safety and health standards. The revisions adopt the 4 MAY 15, Federal Occupational Safety and Health Administration (OSHA) final rule, *Confined Spaces in Construction* ([80 FR 25365](#)). The revisions also update a National Fire Protection Association (NFPA) reference that occurs in *Minnesota Rules* 5205.0030, 5207.0100, and 5207.1000. Comments are due by 25 NOV 15.



Legislature convened 5 JAN 15 and adjourns 31 DEC 15.

FINAL RULES

AMENDMENTS TO HAZARDOUS WASTE MANAGEMENT RULES - SET L RULES The Ohio Environmental Protection Agency (OEPA) has [adopted](#) a [rulemaking](#) that amends the state hazardous waste management rules to make them equivalent to their recently amended federal counterpart provisions. In addition, several of these rules were amended to address cross-referencing requirements within rules, make minor stylistic changes, to correct typographical errors and rule structure errors. The rulemaking became effective 31 OCT 15.

AMENDMENTS TO GENERAL NPDES PERMIT RULES OEPA has [adopted](#) amendments to Ohio Administrative Code (OAC) 3745-38-01 and 3745-38-02 relating to requirements for entities seeking NPDES general permit coverage. The amendments are a result of a required five-year rule review. OEPA determined this chapter needed to be amended to improve consistency with other rules, statutes, and federal requirements. The amendments also include minor updates to references and citations. A notice of the proposed amendments was published in the [August 2015 Northern Review](#). The amendments become effective on 1 DEC 15.

AMENDMENTS TO WATER USE DESIGNATIONS AND STATEWIDE CRITERIA OEPA has [adopted](#) amendments to OAC 3745-1-07 relating to definitions of water quality standards use designations and statewide numeric criteria to support those uses. The amendments update Ohio's recreational water quality criteria to incorporate USEPA's revised 2012 national

recommendations. A notice of the proposed amendments was published in the [August 2015 Northern Review](#). The amendments become effective on 4 JAN 16.

AMENDMENTS TO PESTICIDE APPLICATION LICENSURE RULES The Ohio Department of Agriculture has adopted amendments to the pesticide application licensure rules at [901:5-11-02](#), [04](#), [05](#), [08](#), [09](#), [11](#), [12](#), [13](#), [14](#), [15](#), [19](#) and [99](#) of the Administrative Code. These rules govern the training and regulating of pesticide applicators for proper pesticide use and application. The amendments became effective on 15 OCT 15.

Department of Defense Activity

DOD ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM DOD has issued a proposed rule to establish policy, assign responsibilities, and provide procedures for the DOD Environmental Laboratory Accreditation Program (ELAP) ([80 FR 61997](#)). Previously, DOD laboratory assessment programs were specific to each component and limited to available resources, creating an overlap in assessments and resulting in fewer opportunities for laboratories to participate on DOD contracts. The DOD ELAP will provide a unified program through which commercial environmental laboratories can demonstrate competency and document conformance to quality systems standards implemented throughout DOD.

REPI STATE FACT SHEETS The DOD Readiness and Environmental Protection Integration ([REPI](#)) program has released a suite of state fact sheets. Each fact sheet contains an overview of REPI activities in the state, installation case studies, and DOD economic impact. The fact sheets can be downloaded or viewed on REPI's [website](#).

DLA GUIDANCE: FUEL, SPILL, AND RELEASE REPORTING The Defense Logistics Agency (DLA) has released updated guidance, [DLA Energy P-40](#), that provides reporting and documentation requirements for discharged, leaked, or spilled Defense Working Capital Funds product. Procedures described in the document are applicable to all DLA Energy capitalized fuel located at Government Owned/Government Operated, Government Owned/ Contractor Operated, and Contractor Owned/Contractor Operated Defense Fuel Support Points. The term spill describes a leak or spill in the quantity DLA Energy defines as reportable: a fuel spill or leak of 25 gallons or more on land, inside or outside of containment, including interstitial space, or any waterway discharge that creates a sheen on the water. As always, notification to DLA does not negate other notifications required by local spill contingency response plans or service-level instructions. The DLA Energy Portal is available [here](#) (CAC-enabled).

Federal Activity

AIR

OZONE NAAQS USEPA has issued a final rule that strengthens the primary and secondary NAAQS for ground-level ozone to 70 parts per billion (ppb) from 75 ppb ([80 FR 65291](#)). The rule retains the indicator forms (fourth-highest daily maximum, averaged across three consecutive years) and averaging times (eight hours). The final rule becomes effective on 28 DEC 15.

2016 CRITICAL USE EXEMPTION FROM PHASEOUT OF METHYL BROMIDE USEPA has issue a final rule authorizing uses that qualify for the critical use exemption and the amount of methyl bromide that may be produced or imported for those uses for the 2016 control period ([80 FR 61985](#)). The final rule reflects consensus decisions made at the 26th Meeting of the Montreal Protocol Parties in November 2014. The final rule becomes effective on 1 JAN 16.

CLIMATE CHANGE

EMISSIONS FROM ELECTRIC GENERATING UNITS USEPA has issued a final rule establishing new source performance standards (NSPS) for emissions of carbon dioxide (CO₂) for certain newly constructed, modified, and reconstructed fossil fuel-fired electric generating units (EGUs) ([80 FR 64509](#)). The emission standards apply to any steam generating unit or stationary combustion turbine that commenced construction after 8 JAN 14 or reconstruction after 18 JUN 14 and that meet applicability conditions. Specific emission standards vary depending on whether the unit is considered to be a newly constructed or modified/reconstructed fossil fuel-fired steam generating unit or a new/reconstructed stationary combustion turbine. In general, compliance with applicable CO₂ emissions standard is determined on a 12-operating-month rolling average basis. The final rule became effective on 23 OCT 15.

GUIDELINES FOR STATES: GHG EMISSIONS FROM EXISTING STATIONARY EGUS USEPA has issued a final rule establishing emission guidelines for states to follow when developing plans to reduce greenhouse gas (GHG) emissions from existing fossil fuel-fired EGUs ([80 FR 64661](#)). A state can choose to establish emission standards for its affected EGUs sufficient to meet the requisite performance rates or state goal. Alternatively, a state can adopt a "state measures approach," which would result in affected EGUs meeting the statewide mass-based goal by relying on state-enforceable measures on entities other than EGUs. With a state measures approach, the plan must also include a contingent backstop of federally enforceable emission standards for affected EGUs that meet the emission guidelines that would be triggered if the plan failed to achieve the required emission reductions on schedule. The final rule becomes effective on 22 DEC 15.

STORMWATER MANAGEMENT IN RESPONSE TO CLIMATE CHANGE USEPA has released the draft document, [Stormwater Management in Response to Climate Change Impacts: Lessons from the Chesapeake Bay and Great Lakes Regions](#) ([80 FR 60667](#)). A series of workshops, held in the Chesapeake Bay and Great Lakes area with local communities, addressed how projected land use and climate change could impact local water conditions and how adaptation actions such as green infrastructure and low impact development can fit into decision-making processes. The report provides insights gleaned from these workshops on ways local communities can further climate change adaptation practices in stormwater management. The report will assist local and state planners and managers engaged in the development and implementation of stormwater management policies and practices, local climate change or sustainability coordinators, anyone charged with implementing climate change adaptation plans, and scientists working on climate change adaptation specific to stormwater control. For more information about the report, click [here](#).

NATURAL RESOURCES

CRITICAL HABITAT: DAKOTA SKIPPER AND POWESHIEK SKIPPERLING The U.S. Fish and Wildlife Service (USFWS) has issued a final rule designating critical habitat for the [Dakota skipper](#) and [Poweshiek skipperling](#) ([80 FR 59247](#)). Approximately 19,903 acres were designated in Minnesota, North Dakota, and South Dakota for the Dakota skipper and approximately 25,888 acres were designated in Minnesota, North Dakota, South Dakota, and Wisconsin for the Poweshiek skipperling. The final rule became effective on 2 NOV 15.

INFORMATION FOR PLANNING AND CONSERVATION (IPAC) USFWS IPaC [planning tool](#) can help determine likely impacts to trust resources from planned projects, and offer suggestions for addressing those impacts. Trust resources are migratory birds, species proposed or listed under the Endangered Species Act, inter-jurisdiction fishes, specific marine mammals, wetlands, and USFWS National Wildlife Refuge lands.

INCORPORATING NATURAL INFRASTRUCTURE AND ECOSYSTEM SERVICES IN FEDERAL DECISION MAKING The White House has issued a [memorandum](#) directing federal agencies to incorporate the value of natural, or "green," infrastructure and ecosystem services into federal planning and decision making. The memorandum directs agencies to develop and institutionalize policies that promote consideration of ecosystem services in planning, investment, and regulatory

contexts. It also establishes a process for the federal government to develop more detailed guidance on integrating ecosystem-service assessments into relevant programs and projects to help maintain ecosystem and community resilience, sustainable use of natural resources, and the recreational value of the nation's unique landscapes. For more information, click [here](#).

HAZARDOUS MATERIALS

TOXICOLOGICAL PROFILES The Agency for Toxic Substances and Disease Registry (ATSDR) has announced the availability of Set 27 Toxicological Profiles ([80 FR 62533](#)). ATSDR is required to prepare toxicological profiles for substances on the priority list of hazardous substances. Each profile includes an examination, a summary, and an interpretation of available toxicological information and epidemiological evaluation. The toxicological profiles can be found on ATSDR's [website](#).

REPORTING FOR ETHYLENE GLYCOL MONOBUTYL ETHER USEPA has issued a denial to a petition to remove ethylene glycol monobutyl ether (EGBE) from the "Certain Glycol Ethers" category under the list of chemicals subject to reporting under section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) ([80 FR 60818](#)). Common products containing EGBE include firefighting foam, oil spill dispersants, degreasers, acrylic resins, asphalt release agents, leather protectors, dry cleaning solutions, whiteboard cleaners, liquid soaps, lacquers, varnishes, herbicides, latex paints, enamels, printing paste, varnish removers, and silicone caulk. The petition was on denied on 24 SEP 15.

USEPA POLLUTION PREVENTION AND TOXICS INFORMATION USEPA is transitioning to new web pages for pollution prevention and toxics information. The new pages include: (1) [Assessing and Managing Chemicals under the TSCA](#); (2) [Reviewing New Chemicals](#); (3) [Chemical Data Reporting](#); (4) [TSCA Chemical Substance Inventory](#); (5) [Asbestos](#); (6) [Formaldehyde](#); (7) [Lead](#); (8) [Safe Choice](#); (9) [Pollution Prevention](#); and (10) [Green Chemistry](#).

SUSTAINABILITY

EO 13693: COMPARISON WITH PRIOR AUTHORITIES The General Services Administration (GSA) developed a [chart](#) that compares Executive Order (EO) [13693](#) goals and requirements with the goals and requirements of earlier EOs and other authorities. An annotated version of the EO is available [here](#). The Council on Environmental Quality's (CEQ) implementing instructions for EO 13693 are available [here](#).

WASTE

HAZARDOUS WASTE EXPORT-IMPORT USEPA has issued a proposed rule to amend existing regulations regarding U.S. export and import of hazardous wastes ([80 FR 63283](#)). The amendments: (1) make existing export and import related requirements more consistent with current import-export requirements for shipments between members of the Organization for Economic Cooperation and Development; (2) enable electronic submittal of all export and import-related documents; and (3) enable electronic validation of consent in the Automated Export System for export shipments subject to RCRA export consent requirements prior to exit.

WATER

CLEAN WATER RULE STAYED on 9 OCT 15, the U.S. Court of Appeals for the Sixth Circuit [issued](#) a nationwide stay against the enforcement of the 2015 [Clean Water Rule](#). The Clean Water Rule was developed by USEPA and USACE to respond to an urgent need to improve and simplify the process for identifying waters that are and are not protected under CWA, and is based on the latest science and the law. In response to the decision, USEPA and USACE have resumed nationwide use of the agencies' prior regulations defining the term "waters of the United States." Those regulations will be implemented as they were prior to 27 AUG 15, by applying relevant case law, applicable policy, and the best science and technical data on a case-by-case basis in determining which waters are protected by CWA.

NPDES ELECTRONIC REPORTING USEPA has issued a final rule that requires the electronic reporting and sharing of NPDES program information ([80 FR 64063](#)). The final rule requires permittees and regulators to electronically report information and data related to the NPDES permit program in lieu of filing paper-based reports. Authorized NPDES programs may adopt USEPA data systems or elect to use their own data systems. In addition, the final rule requires authorized NPDES programs to share the minimum set of NPDES program data (appendix A to 40 CFR Part 127) with USEPA for all facilities, including non-major facilities. Historically, USEPA and authorized NPDES programs have focused on major facilities as a way of prioritizing resources for permitting, enforcement, and data sharing. The final rule is effective 21 DEC 15. Implementation will be in phases, with certain reports required electronically beginning 21 DEC 16.

RAINWATER HARVESTING MAP The U.S. Department of Energy's (USDOE's) Federal Energy Management Program (FEMP) has created [an interactive map](#) that provides information about state rainwater harvesting regulations throughout the U.S. The map also includes regulatory and technical information about each state where applicable, offering a feature that allows the user to click on a state of interest to view: (1) a summary of that state's regulation; (2) website links to the state organization's regulatory programs that govern rainwater harvesting; and (3) website links to technical resources on state-specific rainwater harvesting. Counties and cities across the U.S. may have specific regulations on rainwater harvesting. Contact local authorities when considering implementation of rainwater harvesting systems.

Professional Development

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

NATIONAL VENUES

7-11 DEC 15, 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.

(NEW) 8-9 DEC 15, WASHINGTON, DC: [MARINE SANITATION DEVICES PUBLIC WORKSHOP](#) The U.S. Coast Guard is hosting a public workshop to discuss sewage treatment technologies, issues concerning testing of marine sanitation devices for type approval, and issues concerning gray water. The workshop is intended to be an interactive exchange of information between policymakers, industry experts, and interested members of the public.

TRAINING - ONLINE

[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.

- 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.

Staff Directory

Director/DOD Region 5 REC	(410) 278-6991
Regional Counsel	(410) 278-6167
Regions 1 & 5 Army REC	(410) 278-6168
Regions 2 & 3 Army REC	(410) 278-6165
Regulatory Affairs Specialist	(410) 278-6143

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).