



# Northern Review

## of Legislative & Regulatory Actions

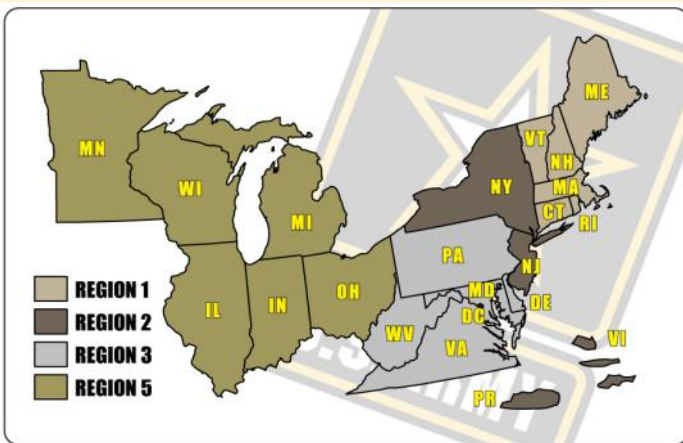


The U.S. Army Regional Environmental & Energy Office

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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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## ARMY ESOH STRATEGY 2025

In March, the Army released the [Environment, Safety, and Occupational Health \(ESOH\) Strategy 2025](#). The framework provided in the strategy facilitates the Army's mission and supports top-level objectives, which guide and shape the ESOH program as defined in Army Regulation (AR) 200-1, AR 385-10, and AR 40-5. The strategy also considers ESOH at garrison and contingency locations in accordance with AR 11-35.

Army ESOH Strategy 2025 introduces an entirely new strategic design and direction for the Army's ESOH program by viewing environmental resources as mission enabling assets and transforming the costs of environmental compliance into investments that improve the Army's operational capability.

The strategy establishes new Army-wide ESOH program goals and objectives to maintain an effective environmental stewardship program and a safety-based culture for Soldiers, civilians, and communities surrounding Army installations. Among the Army's ESOH goals are to:

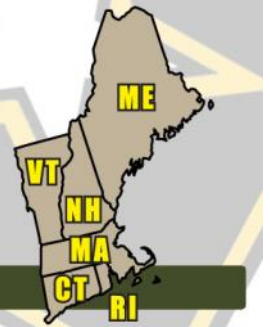
- Enable readiness through chemical, biological, and munitions policies and programs;
- Enhance the Army Safety and Occupational Health Program;
- Enable Technology Acquisition; and
- Promote Strategic Army ESOH priorities.

The Army ESOH Strategy 2025 builds on the Office of the Assistant Secretary of the Army for Installations, Energy, and Environment Strategy 2025, and provides methods the Army can use to position itself for continued success. The ESOH strategy replaces and updates the 2003 Army Environmental Cleanup Program Strategy, the 2004 Army Strategy for the Environment, and the 2010 Army Safety and Occupational Health Strategic Plan.

To read a press release and download the document, click [here](#).

# Region 1

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



## ***FEDERAL ACTIVITY***

**MULTIPLE STATE SIP REVISIONS CONCERNING INTERSTATE TRANSPORT OF PM<sub>2.5</sub> AND OZONE AIR POLLUTION.** EPA has issued a final rule to approve State Implementation Plan (SIP) revisions submitted by the states of Maine, New Hampshire, Rhode Island, and Vermont ([82 FR 17124](#)). The revisions address Clean Air Act (CAA) provisions that require each state to submit a SIP addressing emissions that may adversely affect another state's air quality through interstate transport. EPA has proposed that all four states have adequate provisions to prohibit in-state emissions activities from significantly contributing to nonattainment or interfering with the maintenance of the 1997 ozone National Ambient Air Quality Standards (NAAQS) in other states. EPA has also determined that Rhode Island and Vermont have adequate provisions to prohibit in-state emissions activities from significantly contributing to nonattainment or interfering with maintenance of the 1997 fine particulate matter (PM<sub>2.5</sub>) and 2006 PM<sub>2.5</sub> NAAQS in other states. A notice of the proposed rule was published in the January 2017 *Northern Review*. The final rule became effective on 10 MAY 17.

**DRAFT NPDES GPs FOR DISCHARGES FROM PWTFS IN MASSACHUSETTS AND NEW HAMPSHIRE.** EPA has issued the final National Pollutant Discharge Elimination System (NPDES) General Permits (GPs) for discharges from potable water treatment facilities (PWTf) to certain waters of the commonwealth of Massachusetts (MAG640000) and the state of New Hampshire (NHG640000) ([82 FR 17244](#)). The final GPs establish Notice of Intent (NOI) requirements, effluent limitations, standard and special conditions, prohibitions, and best management practices (BMPs) for sites with discharges from potable water treatment facilities. The GPs replace previous PWTf GPs that expired on 2 OCT 14. A notice of the draft GPs was published in the September 2016 *Northern Review*. The GPs became effective on 6 MAR 17, and will expire on 6 MAR 22.



***LEGISLATIVE SESSION: 4 JAN THROUGH 5 JUN (EST), SINE DIE***

## ***FEDERAL ACTIVITY***

**RACT FOR 2008 OZONE NAAQS.** EPA has issued a proposed rule to approve SIP revisions submitted by the state of Connecticut ([82 FR 16772](#)). The SIP revisions consist of a demonstration that Connecticut meets the requirements of reasonably available control technology (RACT) for the two precursors for ground-level ozone, oxides of nitrogen (NO<sub>x</sub>) and volatile organic compounds (VOCs), set forth by the Clean Air Act (CAA) with respect to the 2008 ozone NAAQS standards. Additionally, EPA has proposed approval of three related regulations that limit air emissions of these pollutants from sources within the state. The comment period closed on 8 MAY 17.

**DECOMMISSIONING OF STAGE II VAPOR RECOVERY SYSTEMS.** EPA has issued a proposed rule to approve a SIP revision submitted by the state of Connecticut regarding updates to the state vapor recovery regulations ([82 FR 17161](#)). The revision includes regulatory amendments that require gasoline dispensing facilities (GDFs) to decommission their Stage II vapor recovery systems by 1 JUL 15, and a demonstration that such removal is consistent with CAA and EPA guidance. The revision also includes regulatory amendments that strengthen Connecticut's requirements for Stage II vapor recovery systems at GDFs. The comment period closed on 10 MAY 17.

**SIP REVISION INCORPORATING PROVISIONS OF GPLPE.** EPA has issued a direct final rule approving a SIP revision submitted by the state of Connecticut ([82 FR 18868](#)). The revision incorporates provisions of Connecticut's *General Permit to Limit Potential to Emit from Major Stationary Sources of Air Pollution* (GPLPE) as they apply to emissions of criteria pollutants for which EPA has established NAAQS. EPA has also approved the provisions of the GPLPE as it applies to emissions of hazardous air pollutants (HAPs). Barring adverse comment the direct final rule becomes effective on 23 JUN 17.



**LEGISLATIVE SESSION: 7 DEC 16 THROUGH 27 JUN 17 (EST), SINE DIE**

**PROPOSED LEGISLATION**

**LD 540 COASTAL ZONE MANAGEMENT.** LD 540 amends Maine's growth planning and land use rules to plan for the effects of sea level rise on buildings, transportation infrastructure, sewage treatment facilities and other relevant state, regional, municipal or privately held infrastructure, property or resources. The bill also provides that a coastal municipality, if it adopts a growth management program under certain circumstances, can include projections regarding sea level changes and the potential effects in its comprehensive plan, and may develop a coordinated plan for addressing the effects. The bill has passed favorably out of both the House and Senate committees.

**FINAL RULES**

**BAT PROTECTION GUIDELINES.** The Maine Department of Inland Fisheries and Wildlife has [adopted](#) a new rule within Chapter 8, *Endangered Species*. The new Chapter 8.06, *Protection Guidelines and Broad Activity Exemptions for Bats*, provides protection guidelines and exemptions for certain activities as they relate to bat species protected under the Maine Endangered Species Act (MESA). The new rule became effective on 8 APR 17.

**AMENDMENT TO IDENTIFICATION OF HAZARDOUS WASTES RULES.** The Maine Department of Environmental Protection has [amended](#) Ch. 850, *Identification of Hazardous Wastes*. The amendment incorporates an exemption for solvent contaminated wipes, which is found in federal hazardous waste regulations. Specifically, the amendment revises the definition of solid waste to conditionally exclude solvent-contaminated wipes that are cleaned and reused and revises the definition of hazardous waste to conditionally exclude disposable solvent-contaminated wipes. The amendment became effective on 26 APR 17.



**LEGISLATIVE SESSION: 4 JAN THROUGH 30 JUN (EST), SINE DIE**

**PROPOSED LEGISLATION**

**SB 127 AMENDMENT TO STATE DISSOLVED OXYGEN WATER QUALITY STANDARDS.** SB 127 amends state standards concerning dissolved oxygen water quality standards. The bill requires the New Hampshire Department of Environmental Services (NHDES) to make rules regarding dissolved oxygen water quality standards in a manner consistent with EPA guidance. The bill also defines 7Q10 flows, for the purpose of classification of waters, as the lowest average flow that occurs for seven consecutive days on an annual basis with a recurrence interval of once in 10 years on average (expressed in terms of volume per time period). The bill has passed the Senate and was referred to the House Resources, Recreation, and Development Committee.

## FINAL RULES

**METHODS FOR PRIMARY CONTAINMENT SYSTEM TESTING OF DIESEL FUEL TANKS.** NHDES has [adopted](#) an emergency rule concerning diesel fuel tanks. Current regulations require the owner of a motor-fuel-dispensing underground storage tank (UST) system to test the primary containment system for tightness on a scheduled basis using certain methods. The emergency rule allows owners of UST systems storing diesel fuel to now use a pressure decay testing method as long as certain conditions are met. The emergency rule became effective on 17 APR 17 and will expire on 14 OCT 17.

# 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

**LEGISLATIVE SESSION: 10 JAN 17 THROUGH 9 JAN 18**

### FEDERAL ACTIVITY

**DETERMINATION OF ATTAINMENT FOR PHILADELPHIA-WILMINGTON-ATLANTIC CITY NONATTAINMENT AREA.** EPA has issued a proposed rule to determine that the Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE marginal ozone nonattainment area has attained the 2008 ozone NAAQS by the 20 JUL 16 attainment date ([82 FR 18268](#)). The proposed determination is based on complete, certified, and quality assured ambient air quality monitoring data for the 2013-2015 monitoring period. The Philadelphia Area consists of: (1) Bucks, Chester, Delaware, Montgomery, and Philadelphia counties in Pennsylvania; (2) Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, and Salem counties in New Jersey; (3) Cecil County in Maryland; and (4) New Castle County in Delaware. The proposed determination does not constitute a redesignation to attainment. Comments are due by 18 MAY 17.

**2011 PERIODIC EMISSION INVENTORY SIP FOR OZONE NONATTAINMENT AND PM<sub>2.5</sub>/REGIONAL HAZE AREAS.** EPA has issued a proposed rule to approve a SIP revision submitted by the state of New Jersey ([82 FR 17166](#)). The SIP revision consists of 2011 calendar year ozone precursor emission inventories for VOCs, NO<sub>x</sub>, and carbon monoxide (CO) for the: (1) Northern NJ-NY-CT area classified as moderate ozone nonattainment for the 2008 8-hour ozone standard; and (2) Southern New Jersey-Philadelphia ozone nonattainment area classified as marginal ozone nonattainment for the 2008 8-hour ozone standard. The revision also consists of the 2011 calendar year statewide periodic emissions inventory for PM<sub>2.5</sub> and the associated PM<sub>2.5</sub> and/or regional haze precursors. Pollutants included in this inventory are VOCs, NO<sub>x</sub>, PM<sub>2.5</sub>, particulate matter of 10 microns in diameter or smaller (PM<sub>10</sub>), ammonia, and sulfur dioxide (SO<sub>2</sub>). The comment period closed on 10 MAY 17.

### PROPOSED RULES

**DISCHARGES OF PETROLEUM AND OTHER HAZARDOUS SUBSTANCES RULES.** The New Jersey Department of Environmental Protection (NJDEP) has [proposed](#) amendments to the groundwater quality standards at [N.J.A.C. 7:9C](#). The amendments replace or update existing interim specific groundwater quality criteria, interim practical quantitation levels (PQLs), and interim standards for 23 constituents with permanent standards. The amendments also allow NJDEP, in appropriate cases, to use alternative values and/or modified equations in the derivation of interim specific and specific groundwater quality criteria. Finally, the amendments add perfluorononanoic acid (PFNA) to the List of Hazardous Substances at N.J.A.C. 7:1E Appendix A. Comments are due by 2 JUN 17.



**LEGISLATIVE SESSION: 4 JAN THROUGH 31 DEC (EST)**

**FINAL LEGISLATION**

**SB 2008 (AB 3008) ENVIRONMENTAL OMNIBUS BILL.** SB 2008 (Public Act: 58) is an omnibus bill that includes language on several environmental subjects. The bill includes the creation of a State Environmental Protection and Spill Remediation Account and amends rules that govern: (1) source water protection program; (2) lead service line grants; (3) cleanup of solid waste sites contaminating drinking water; and (4) requirements for food donation and food scrap recycling. The bill was signed by the governor on 20 APR 17 and the provisions become effective on various dates.

**PROPOSED RULES**

**PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION BY RADIOACTIVE MATERIALS.** The New York State Department of Environmental Conservation has [proposed](#) (page 9) amendments to NYCRR Part 380, which regulates the disposal and release of radioactive material to the environment. The amendments do not change the general requirements for disposal of radioactive material or obtaining permits, but they do apply a constraint on air emissions that is lower than the current limit. The amendments also: (1) update provisions to make them equivalent to federal regulations; (2) simplify language; and (3) add several new provisions. Comments are due by 5 JUN 17.



**LEGISLATIVE SESSION: 9 JAN THROUGH 31 DEC (EST)**

**PROPOSED LEGISLATION**

**PC 930 WETLANDS PROTECTION ACT AMENDMENTS.** PC 930 revises the Puerto Rico Wetlands Protection Act by amending the definition of "wetland" to be concurrent with the federal definition found in section 404 of the federal Clean Water Act (CWA). The bill also requires the Puerto Rico Department of Natural and Environmental Resources to adopt specific protocols for the delimitation of wetlands in Puerto Rico. The bill was referred to the Agriculture, Natural Resources, and Environmental Affairs Committee.

**RC 145 STUDY OF ENVIRONMENTAL IMPACTS OF NON-HAZARDOUS SOLID WASTE.** RC 145 instructs the House Committee on Agriculture, Natural Resources, and Environmental Affairs to conduct a study concerning the environmental impact of non-hazardous solid waste, and on the need to develop recycling among the citizens. The bill was approved by the House and referred to the House Agriculture, Natural Resources, and Environmental Affairs Committee.

# 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.



## ***FEDERAL ACTIVITY***

**DETERMINATION OF ATTAINMENT FOR PHILADELPHIA-WILMINGTON-ATLANTIC CITY NONATTAINMENT AREA.** EPA has issued a proposed rule to determine that the Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE marginal ozone nonattainment area has attained the 2008 ozone NAAQS by the 20 JUL 16 attainment date ([82 FR 18268](#)). The proposed determination is based on complete, certified, and quality assured ambient air quality monitoring data for the Philadelphia Area for the 2013-2015 monitoring period. The Philadelphia Area consists of: (1) Bucks, Chester, Delaware, Montgomery, and Philadelphia counties in Pennsylvania; (2) Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, and Salem counties in New Jersey; (3) Cecil County in Maryland; and (4) New Castle County in Delaware. The proposed determination does not constitute a redesignation to attainment. Comments are due by 18 MAY 17.

**DETERMINATION OF ATTAINMENT FOR WASHINGTON, DC-MD-VA MARGINAL OZONE NONATTAINMENT AREA.** EPA has issued a proposed rule to determine that the Washington, DC-MD-VA marginal ozone nonattainment area has attained the 2008 ozone NAAQS by the 20 JUL 16 attainment date ([82 FR 19011](#)). The proposed determination is based on complete, certified, and quality assured ambient air quality monitoring data for the 2013 through 2015 monitoring period. The Washington Area consists of: (1) Calvert, Charles, Frederick, Montgomery, and Prince George's counties in Maryland; (2) Arlington, Fairfax, Loudoun, and Prince William counties and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park in Virginia; and (3) entirety of the District of Columbia. The proposed determination does not constitute a redesignation to attainment. Comments are due by 25 MAY 17.



***LEGISLATIVE SESSION: 1 JAN THROUGH 31 DEC***

## ***FINAL RULES***

**STORMWATER MANAGEMENT AND SOIL EROSION AND SEDIMENT CONTROL FEES.** The DC Department of Energy and Environment (DOEE) has [adopted](#) amendments that update the fees for the District Stormwater Management Guidebook and existing fees that DOEE adjusts annually for inflation. The amendments became effective on 21 APR 17.



***LEGISLATIVE SESSION: 11 JAN THROUGH 10 APR (EST), SINE DIE***

## ***FEDERAL ACTIVITY***

**CONTROL OF EMISSIONS FROM EXISTING HMIWI UNITS.** EPA has issued a final rule to approve a section 111(d)/129 plan submitted by the state of Maryland for existing hospital/medical/infectious waste incineration (HMIWI) units ([82 FR 19613](#)). The section 111(d)/129 plan contains revisions to a previously approved state plan for existing HMIWI units and

was submitted as a result of amended federal new source performance standards (NSPS) and emission guidelines for HMIWI units. A notice of the proposed rule was published in the December 2016 *Northern Review*. The final rule becomes effective on 30 MAY 17.



***LEGISLATIVE SESSION: 3 JAN THROUGH 30 NOV (EST)***

### ***OTHER REGULATORY ACTIVITY***

**REVISED DESIGNATION RECOMMENDATIONS FOR 2015 OZONE STANDARDS.** The Pennsylvania Department of Environmental Protection (PADEP) has issued a [notice](#) of revised designation recommendations for the 2015 Ozone Standards. Based on newly certified air quality monitoring data for 2016 that PADEP submitted to EPA, the state recommended that Indiana County and the seven-county Pittsburgh-Beaver Valley area be designated as attainment areas. The Pittsburgh-Beaver Valley area includes Allegheny, Armstrong, Beaver, Butler, Fayette, Washington and Westmoreland counties. PADEP did not request a change for the nonattainment areas of Lebanon County and the Philadelphia area. The Philadelphia area consist of Bucks, Chester, Delaware, Montgomery and Philadelphia counties, and is part of a multistate nonattainment area. The notice was issued on 22 APR 17.



***LEGISLATIVE SESSION: 11 JAN THROUGH 5 APR***

### ***FEDERAL ACTIVITY***

**CROSS-MEDIA ELECTRONIC REPORTING APPROVED FOR EPA ADMINISTERED NPDWRI PROGRAM.** EPA has approved a commonwealth of Virginia request to revise its EPA authorized National Primary Drinking Water Regulations Implementation (NPDWRI) program ([82 FR 17255](#)). The revision allows the use of electronic reporting. Barring a request for a public hearing, the approval becomes effective on 10 MAY 17.

**SIP REVISIONS AMENDING STATE NSR REGULATIONS.** EPA has issued a proposed rule to approve SIP revisions submitted by the commonwealth of Virginia ([82 FR 18272](#)). The revisions amend the state's major source New Source Review (NSR) regulations to make them consistent with the federal program. Comments are due by 18 MAY 17.

### ***FINAL LEGISLATION***

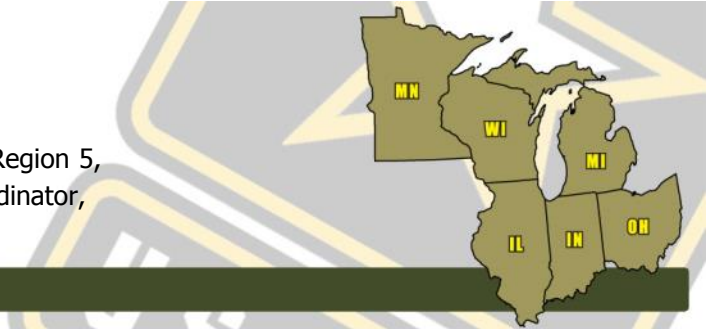
**HB 2383 AND SB 898 REQUIREMENTS FOR CERTAIN CSO OUTFALLS WITHIN CHESAPEAKE BAY WATERSHED.** HB 2383 (Public Act: 826) and SB 898 (Public Act: 827) direct the Virginia Department of Environmental Quality (VDEQ) to identify the owner of any combined sewer overflow (CSO) outfall that discharges into the Chesapeake Bay Watershed. Once identified, for any owner that is not under a state order or decree related to the CSO as of 1 JAN 17, VDEQ must determine what actions the owner must take to bring the outfall into compliance with state and federal law, and the Presumption Approach described in the EPA CSO Control Policy. The bills require any owner of such an outfall to initiate the necessary construction activities to bring the CSO into compliance with EPA policy by 1 JUL 23, and to complete the activities to bring it into compliance by 1 JUL 25. Until compliance is achieved, the owner must annually report its progress to VDEQ. VDEQ must provide all such reports to certain legislative committees, the Virginia delegation to the Chesapeake Bay Commission, the secretary of Natural Resources, and the governor. The bills do not apply to any outfall that requires a higher level of control to comply with a total maximum daily load (TMDL). Notices of HB 2383 and SB 898's passage were published in the February 2017 *Northern Review*. Both bills were signed by the governor on 26 APR 17 and become effective on 1 JUL 17. When previously reported, SB 898 pertained solely to the Potomac River Watershed. Subsequently, the bill was amended and it is now identical to HB 2383.

## ***FINAL RULES***

**AMENDMENTS TO IMPLEMENT 2012 PM<sub>2.5</sub> STANDARD.** The Virginia State Air Pollution Control Board has [adopted](#) (page 31) amendments to: (1) 9VAC5-30, *Ambient Air Quality Standards*; (2) 9VAC5-160, *Regulation for General Conformity*; and (3) 9VAC5-80, *Permits for Stationary Sources*. The amendments allow the state to comply with requirements established by EPA in its final implementation rule for the 2012 PM<sub>2.5</sub> NAAQS, including how to address the revoked 1997 PM<sub>2.5</sub> NAAQS. The amendments become effective on 17 MAY 17.

# **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.



***LEGISLATIVE SESSION: 11 JAN THROUGH 31 MAY (EST)***

## ***FINAL RULES***

**AMENDMENTS TO PERMITS AND GENERAL PROVISIONS REGULATIONS.** The Illinois Pollution Control Board has [adopted](#) (page 185) amendments to 35 Ill. Adm. Code 201, *Permits and General Provisions*. The amendments update provisions related to small boilers seeking to obtain a permit-by-rule. A notice of the proposed amendments was published in the November 2016 *Northern Review*. The amendments became effective on 24 MAR 17.



***LEGISLATIVE SESSION: 3 JAN THROUGH 21 APR (EST), SINE DIE***

## ***FEDERAL ACTIVITY***

**BASE YEAR EMISSIONS INVENTORY AND EMISSIONS STATEMENT RULE CERTIFICATION.** EPA has issued a direct final rule approving two SIP submissions from the state of Indiana ([82 FR 16934](#)). The first addresses emissions inventory requirements for the Indiana portion of the Chicago-Naperville, IL-IN-WI ozone nonattainment area under the 2008 ozone NAAQS. The second submission provides Indiana's certification that its existing *Emissions Reporting Rule*, previously approved by EPA under a prior ozone standard, satisfies the CAA emissions statement rule requirement for Lake and Porter counties under the 2008 ozone standard. Barring adverse comment the direct final rule becomes effective on 6 JUN 17.

## ***FINAL LEGISLATION***

**SB 421 REGISTRATION REQUIREMENTS FOR ASTs.** SB 421 (Public Act: 72) repeals the law requiring owners of certain aboveground storage tanks (ASTs) to register their tanks with the Indiana Department of Environmental Management (IDEM). The bill authorizes operators of a public water system (PWS) to gather information from potential sources of contamination to be used in developing or updating the PWS's threat minimization and response plan. The bill also urges the Legislative Council to assign a specified committee to study PWS protection, including: (1) the potential creation of a central repository for all information about ASTs that is reported to various agencies; (2) resources



available to PWS operators for developing and maintaining emergency plans for responding to threats to the drinking water supply; and (3) whether the information available to emergency responders and environmental regulators concerning ASTs is sufficient to ensure the protection of PWSs. A notice of the bill's Senate passage was published in the March 2017 *Northern Review*. The bill was signed by the governor on 13 APR 17 and has various effective dates.

**SB 472 LOCATION AND MARKING OF UNDERGROUND UTILITY FACILITIES.** SB 472 (Public Act: 122) amends the statute concerning the locating and marking of underground utility facilities. The bill allows certain people conducting specified excavation or demolition operations to provide a voluntary design information notice to the Indiana Underground Plant Protection Service (IUPPS) before commencing studies or planning activities in the project area. The bill also establishes notification requirements and IUPPS response requirements and timelines. The bill was signed by the governor on 21 APR 17 and becomes effective on 1 JUL 17.

## ***OTHER REGULATORY ACTIVITY***

**UPDATE TO LIST OF STATE RESTRICTED USE PESTICIDE PRODUCTS.** The Pesticide Review Board has issued a [notice of intent](#) to adopt a rule that would amend 357 IAC 1-17, *State Restricted Use Pesticide Products*. The amendments would expand the list of state restricted use pesticide products to include certain herbicides containing the active ingredient dicamba. The notice was issued on 12 APR 17.



***LEGISLATIVE SESSION: 11 JAN THROUGH 31 DEC (EST)***

## ***FEDERAL ACTIVITY***

**TRANSPORTATION CONFORMITY PROCEDURES.** EPA has issued a direct final rule approving a SIP revision for CO and PM<sub>2.5</sub>, submitted by the state of Michigan ([82 FR 17134](#)). The revision establishes transportation conformity criteria and procedures related to interagency consultation, and enforceability of certain transportation related control and mitigation measures. Barring adverse comment the direct final rule becomes effective on 9 JUN 17.

## ***FINAL RULES***

**AMENDMENTS TO HAZARDOUS WASTE MANAGEMENT PROGRAM REGULATIONS.** Michigan Department of Environmental Quality (MDEQ) has [adopted](#) (page 50) [amendments](#) to certain hazardous waste management regulations in order to maintain state primacy for the Hazardous Waste Management Program. The amendments: (1) incorporate federal program revisions; (2) improve the overall quality of the rules, both in terms of clarification of existing requirements and areas of program coverage; and (3) reduce some of the regulatory burdens on the regulated community by providing streamlined and flexible requirements. A notice of the proposed amendments was published in the November 2017 *Northern Review*. The amendments became effective on 5 APR 17.

**AMENDMENTS TO AIR EMISSION LIMITATION AND PROHIBITION REGULATIONS.** MDEQ has [adopted](#) (page 25) amendments to the air quality regulations known as, *Part 6. Emission Limitations and Prohibitions - Existing Sources of Volatile Organic Compound Emissions*. The revisions: (1) transfer adoptions by reference to another rule section; (2) clarify testing requirements for cutback and emulsified asphalts in R 336.1618; and (3) simplify references to federal test methods by making the citations consistent throughout the Part 6 rules. A notice of the proposed amendments was published in the November 2017 *Northern Review*. The amendments became effective on 5 APR 17.



**LEGISLATIVE SESSION: 3 JAN THROUGH 22 MAY (EST), SINE DIE**

### **PROPOSED RULES**

**STATE BUFFER PROGRAM.** The Minnesota Board of Water and Soil Resources has [proposed](#) (page 15) a policy and a draft plan to support the implementation of Minnesota Statutes §103F.48, relating to water resources riparian protection requirements on public waters and public drainage systems. The [comment period](#) (page 6) closed on 8 MAY 17.



**LEGISLATIVE SESSION: 2 JAN THROUGH 31 DEC (EST)**

### **FEDERAL ACTIVITY**

**REMOVAL OF GASOLINE VOLATILITY REQUIREMENTS IN CINCINNATI AND DAYTON AREAS.** EPA has issued a final rule to approve a SIP revision submitted by the state of Ohio, concerning the state's gasoline volatility standards in the Cincinnati and Dayton areas ([82 FR 16932](#)). The revision removes the 7.8 pounds per square inch (psi) low Reid Vapor Pressure (RVP) fuel requirements for the two areas as a component of the Ohio ozone SIP. The submittal also includes a section 110(l) demonstration as required by the CAA that addresses emission impacts associated with the removal of the program. A notice of the proposed rule was published in the March 2017 *Northern Review*. The final rule became effective on 7 APR 17.

**REDESIGNATION OF OHIO PORTION OF CINCINNATI-HAMILTON, OH-IN-KY, AREA FOR 1997 PM<sub>2.5</sub> NAAQS.** EPA has issued a final rule to redesignate the Ohio portion of the Cincinnati-Hamilton, OH-IN-KY, nonattainment area to attainment for the 1997 PM<sub>2.5</sub> annual NAAQS ([82 FR 16938](#)). The Ohio portion of the Cincinnati-Hamilton area includes Butler, Clermont, Hamilton, and Warren counties. EPA has approved the: (1) Reasonably Available Control Measures (RACM)-RACT portion of Ohio's Cincinnati-Hamilton area attainment plan; (2) associated maintenance plan for the 1997 annual PM<sub>2.5</sub> NAAQS through 2027; (3) updated emission inventory, which includes VOCs and ammonia; and (4) budget for the mobile source contribution of PM<sub>2.5</sub> and NO<sub>x</sub> for transportation conformity purposes. A notice of the proposed rule was published in the February 2017 *Northern Review*. The final rule became effective on 7 APR 17.

### **PROPOSED RULES**

**AMENDMENTS TO WATER SUPPLY WORKS AND WASTEWATER WORKS PERSONNEL RULES.** The Ohio Environmental Protection Agency (OEPA) has [proposed](#) amendments to rules in Chapter 3745-7 of the Ohio Administrative Code (OAC), *Water Supply Works and Wastewater Works Personnel*. The amendments add a new rule that establishes requirements for contracted professional operators and contract operations companies. Comments are due by 25 MAY 17.

### **OTHER REGULATORY ACTIVITY**

**EARLY STAKEHOLDER OUTREACH ON WATER QUALITY CERTIFIED PROFESSIONAL PROGRAM.** OEPA has [invited public comment](#) on potential revisions to the administrative requirements at OAC Chapter 3745-6, *Water Quality Certified Professional Program*. The program certifies water quality professionals to assess streams and categorize wetlands in support of applications for Section 401 water quality certifications and isolated wetland permits. The revisions would implement requirements of HB 64, which was signed by the governor on 30 JUN 15. Comments are due by 1 JUN 17.

**EARLY STAKEHOLDER OUTREACH ON PRETREATMENT AND INDIRECT DISCHARGE PERMIT RULES.** OEPA has [invited public comment](#) on potential changes to pretreatment and indirect discharge permit (IDP) rules at OAC Chapters 3745-3 and

3745-36. OEPA is reviewing these rules as part of the five-year rule review process, and at a minimum is considering minor revisions to update references, web links, and rule cross-references. OEPA is also considering updating the pretreatment rules by adding and revising multiple definitions, and incorporating changes that are consistent with OEPA's implementation of the *Pretreatment Streamlining Rule*. The IDP rule revisions under consideration include adding the definition for process wastewater. The comment period closed on 8 MAY 17.

**REVISIONS TO STATE EMERGENCY RESPONSE COMMISSION RULES.** OEPA has requested comments on [draft revisions](#) to the emergency planning and community right-to-know program under the administration of the State Emergency Response Commission (OAC Chapters 3750-1, 3750-15, 3750-25, 3750-30, and 3750-50). The draft revisions fix typos, upgrade rules to match agency and Legislative Services Commission (LSC) format standards, update CFR reference standards, and incorporate federal Occupational Safety and Health Administration (OSHA) changes to hazard categories. Comments are due by 23 MAY 17.



**LEGISLATIVE SESSION: 3 JAN THROUGH 31 DEC (EST)**

### **PROPOSED LEGISLATION**

**AB 264 ENVIRONMENTAL COMPLIANCE AUDIT PROGRAM VIOLATION RESPONSE TIMELINES.** AB 264 increases the amount of time an entity subject to environmental requirements has to correct violations found as part of the environmental compliance audit program administered by the Wisconsin Department of Natural Resources (WDNR). The amount of time is increased from 90 days to 180 days for most violations and to 360 days if the correction involves a pollution prevention modification. The bill also eliminates the requirement that an entity notify WDNR within 30 days of beginning an audit and the requirement that proposed compliance schedules be subject to a public notice and comment period. The bill was referred to the Environment and Forestry Committee.

### **FINAL RULES**

**MOUNTAIN PINE BEETLE REGULATIONS.** The Wisconsin Department of Agriculture, Trade and Consumer Protection has [adopted](#) revisions to the plant inspection and pest control regulations at Chapter ATCP 21. The revisions modify current rules related to the import of plants and plant products that may introduce a pest known as the mountain pine beetle into Wisconsin. The revisions include the establishment of a quarantine and also allow for certain exemptions under specified circumstances. A notice of the statement of scope approval was published in the April 2015 *Northern Review*. The revisions became effective on 1 MAY 17.

## **Federal Activity**

### **AIR**

**MATS ELECTRONIC REPORTING.** EPA has issued a final rule amending electronic reporting requirements for the *National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units* (also known as the Mercury and Air Toxics Standards, or MATS) ([82 FR 16736](#)). The amendments extend the time period that electronic reports can be submitted to 30 JUN 18. The extension will allow EPA time to develop, implement, and test the Emissions Collection and Monitoring Plan System (ECMPS) Client Tool MATS for electronic report submission. The final rule became effective on 6 APR 17.

**REVIEW OF NO<sub>x</sub> NAAQS.** EPA has released the final document, [Policy Assessment for the Review of the National Primary Ambient Air Quality Standards for Oxides of Nitrogen](#) ([82 FR 17947](#)). The final policy assessment review

concluded that is appropriate to consider retaining the current standards, without revision. For more information, click [here](#).

## ***CLIMATE CHANGE***

**REVIEW OF CLEAN POWER PLAN.** EPA has announced it will review and, if appropriate, suspend, revise, or rescind the Clean Power Plan, which established emission guidelines for state plans to limit CO<sub>2</sub> emissions from existing fossil fuel-fired power plants ([82 FR 16329](#)). The announcement was made 4 APR 17.

**REVIEW OF GHG EMISSIONS FROM ELECTRIC GENERATING UNITS.** EPA is reviewing and, if appropriate, will suspend, revise, or rescind the [October 2015 rule](#), Standards of Performance for Greenhouse Gas (GHG) Emissions From New, Modified, and Reconstructed Stationary Sources: Electric Generating Units ([82 FR 16330](#)). The final rule set CO<sub>2</sub> emission standards for newly constructed, modified, and reconstructed affected fossil fuel-fired electric utility generating units.

**WITHDRAWAL OF PROPOSED RULES ASSOCIATED WITH CLEAN POWER PLAN.** EPA has withdrawn two proposed rules that would have implemented provisions in the Clean Power Plan ([82 FR 16144](#)). The actions being withdrawn are the: (1) October 2015 proposed rule: Federal Plan Requirements for Greenhouse Gas Emissions From Electric Utility Generating Units Constructed on or Before 8 JAN 14; Model Trading Rules; Amendments to Framework Regulations, [80 FR 64966](#); and (2) June 2016 proposed rule: Clean Energy Incentive Program Design Details, [81 FR 42940](#).

**WITHDRAWAL OF GHG CONSIDERATION UNDER NEPA.** The White House Council on Environmental Quality (CEQ) has withdrawn its [2016 guidance](#) for federal departments and agencies on how to consider GHG emissions and the effects of climate change in National Environmental Policy Act (NEPA) reviews ([82 FR 16576](#)). The withdrawal became effective on 5 APR 17. Information about NEPA is available [here](#).

## ***MISCELLANEOUS***

**REGULATORY REFORM.** EPA is seeking public input on regulations that may be appropriate for repeal, replacement, or modification ([82 FR 17793](#)). The agency requests that commenters be as specific as possible, include supporting data or other information such as cost information, provide a Federal Register or CFR citation when referencing a specific regulation, and provide specific suggestions regarding repeal, replacement, or modification. Comments are due by 15 MAY 17.

**REPORT ON STATE ENVIRONMENTAL AGENCY BUDGETS, 2013-2015.** The Environmental Council of the States (ECOS) has [released](#) a [report about state environmental agency budgets](#) (EABs), including sources of funding and how budgets changed over the reporting period. The report provides information on 48 state EABs for fiscal years (FY) 2013, FY 2014 and FY 2015; Louisiana, New Jersey, New Mexico, and North Carolina did not respond to ECOS data requests. ECOS reported on changes and trends in state budgets, including analysis of changes to the three main funding sources: state general funds, federal funding, and fees or other sources. The data show that, overall, state environmental budgets are increasing, federal support is decreasing slightly, and funding from fees is increasing.

## ***THREATENED AND ENDANGERED SPECIES***

**FIVE-YEAR STATUS REVIEWS OF EIGHT ENDANGERED ANIMAL SPECIES.** The U.S. Fish and Wildlife Service (FWS) has initiated five-year status reviews under the Endangered Species Act for eight animal species ([82 FR 18156](#)). A five-year status review is based on the best scientific and commercial data available at the time of the review; therefore, FWS has requested submission of any such information that has become available since the last review for the species. The eight species are: (1) [Iowa Pleistocene snail](#); (2) [Karner blue butterfly](#); (3) [Kirtland's warbler](#); (4) [Ozark hellbender](#); and (5) four freshwater mussels: [Rayed bean](#), [Sheepnose](#), [Snuffbox](#), and [Spectaclecase](#). Comments are due by 16 JUN 17.

## **WATER**

**HR 1893 GREAT LAKES AND FRESH WATER ALGAL BLOOM INFORMATION ACT.** The bill requires the administrator of the U.S. National Oceanic and Atmospheric Administration to create an electronic database of research and information on the causes of and corrective actions being taken with regard to algal blooms in the Great Lakes, their tributaries, and other surface fresh waters. The bill was referred to the U.S. House Subcommittee on Water, Power, and Oceans.

**REPORT TO CONGRESS ON FUTURE WATER RESOURCES.** The U.S. Army Corps of Engineers (USACE) is soliciting proposals from non-federal interests for feasibility studies and modifications to USACE water resource development projects or feasibility studies ([82 FR 17418](#)). The proposals will be included in the Army's annual report to Congress on future water resources development. The Water Resources Reform and Development Act of 2014 requires the Army to submit a report to Congress that identifies feasibility reports, proposed feasibility studies submitted by non-federal interests, and proposed modifications to an authorized water resources development project or feasibility study that meets certain criteria.

**POSTPONEMENT OF EFFLUENT LIMITATIONS GUIDELINES.** EPA has [announced](#) its decision to reconsider the final rule issued on [3 NOV 15](#), which amended effluent limitations guidelines and standards for the steam electric power generating category, commonly referred to as the ELG Rule. ([82 FR 19005](#)). The rule set the first federal limits on the levels of toxic metals in wastewater that can be discharged from certain coal-fired steam electric power plants. These regulations have been challenged in the U.S. Court of Appeals for the Fifth Circuit. EPA has postponed the compliance dates pending judicial review. A notice of the 2015 final rule was published in the December 2015 *Northern Review*. The postponement became effective on 25 APR 17.

# **Department of Defense Activity**

**2017 SECRETARY OF DEFENSE ENVIRONMENTAL AWARDS.** DOD has [announced](#) the winners of the 2017 Secretary of Defense Environmental Awards. The awards recognize individuals, teams and installations for their exceptional environmental achievements and innovative, cost-effective environmental practices. Winners within the REEO-Northern area of responsibility are: (1) Natural Resources Conservation, Large Installation: Camp Ripley, Minnesota Army National Guard—Achieved key natural resources conservation goals through strategic partnerships and successful wildlife and land management; and (2) Environmental Excellence in Weapon System Acquisition, Small Program: Chromium-Free Wash Primer Replacement Team, U.S. Army Research Laboratory, Aberdeen Proving Ground, Maryland—Created and employed a testing framework to identify environmentally safe alternatives to wash primer containing carcinogenic hexavalent chromium. For more information about the Secretary of Defense Environmental Awards Program, including past winners, visit the DOD Environment, Safety and Occupational Health Network and Information Exchange [website](#).

**DODI 4715.15, ENVIRONMENTAL QUALITY SYSTEMS.** In April, the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics reissued [DOD Instruction \(DODI\) 4715.15, Environmental Quality Systems](#). The DODI: (1) establishes policy to incorporate environmental quality systems into DOD activities and programs involving the collection, management, and use of environmental data; (2) assigns responsibilities for the DOD Environmental Data Quality Workgroup; (3) authorizes the DOD Environmental Laboratory Accreditation Program (ELAP) for the collection of definitive data used in support of the Defense Environmental Restoration Program (DERP); and (4) assigns responsibilities for the management and implementation of the DOD Advanced Geophysical Classification Accreditation Program for organizations using the advanced geophysical classification process at munitions response sites. The DODI assigns responsibilities to Assistant Secretary of Defense for Energy, Installations, and Environment, ASD(EI&E); DOD Component Heads; and the Secretaries of the Military Departments. In addition, the Secretary of the Navy is tasked to develop a charter for the environmental data quality workgroup, provide support for and oversight of the workgroup, identify, discuss, and resolve emerging DOD environmental data quality, sampling, and testing issues with appropriate DOD Components and ASD(EI&E).

**DODM 4715.25, ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM.** In April, DOD released [DOD Manual \(DODM\) 4715.25, Environmental Laboratory Accreditation Program](#). The DODM states it is DOD policy, in accordance with DODI 4715.15, to implement the DOD ELAP for the collection of definitive data in support of the DERP at all DOD operations, activities, and installations, including government-owned, contractor-operated facilities and formerly used defense sites. Laboratories seeking to perform testing in support of the DERP must be accredited in accordance with the DOD ELAP.

**DODM 4715.26, MILITARY MUNITIONS RULE IMPLEMENTATION PROCEDURES.** In April, DOD released [DODM 4715.26, Military Munitions Rule Implementation Procedures](#). The DODM applies to multiple functional areas (e.g., explosives safety, explosive ordnance disposal, logistics, and environmental management). The munitions rule defines special requirements for the management of waste military munitions and establishes minimum standards for managing hazardous waste military munitions in the U.S. These requirements differ from the requirements for other hazardous waste categories managed in accordance with RCRA regulations. The DODM does not apply to munition responses.

# Professional Development

## *DOD TRAINING SOURCES*

**2017 REPI WEBINAR SERIES (ONLINE).** DOD's Readiness and Environmental Protection Integration (REPI) program announced its schedule of webinars for 2017. The webinars showcase best practices, tutorials, and knowledge sharing on REPI partnerships that support military missions and accelerate the pace and rate of conservation. Unless otherwise noted, all webinars begin at 1:00 pm Eastern. Past webinars are archived for later viewing.

**SERDP AND ESTCP WEBINAR SERIES (ONLINE).** 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. Webinars are offered every two weeks. Most webinars feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DOD and DOE audiences.

**AIR FORCE INSTITUTE OF TECHNOLOGY (AFIT) TRAINING COURSE, QUALIFIED RECYCLING PROGRAM MANAGEMENT (CLASSROOM).** 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.

**DEFENSE AND FEDERAL ENVIRONMENTAL TRAINING/AWARENESS (CLASSROOM/ONLINE).** 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.

**NAVY AND ISEERB ENVIRONMENTAL TRAINING FY17 (CLASSROOM).** Course topics in the Navy and the ISEERB Environmental Training schedule include environmental management, basic and advanced environmental law, sustainability, pollution prevention, restoration, conservation, supplemental and internet/computer-based training.

**AIR FORCE CIVIL ENGINEERING SCHOOL TRAINING FY17 (CLASSROOM/ONLINE).** 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).

## ***FEDERAL TRAINING SOURCES***

**INTERAGENCY CONSULTATION FOR ENDANGERED SPECIES (CLASSROOM).** Hosted by USFWS, participants acquire basic information on conducting interagency consultation under Section 7 of the Endangered Species Act. Key information needs and procedures are addressed, with a focus on the information needs related to biological assessments and biological opinions. Lectures and discussion emphasize interagency exchange of information and solutions to support species conservation. Action agency biologists and consultants are welcome to attend.

**FEMP OFFERS CERTIFICATE SERIES FOR 2016 GUIDING PRINCIPLES FOR SUSTAINABLE BUILDINGS (ONLINE).** The U.S. Department of Energy's Federal Energy Management Program (FEMP) is offering a five-course training series that provides updated guidance for complying with the 2016 Guiding Principles for Sustainable Federal Buildings. The series is web-based and offered on demand.

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

**ENERGY MANAGEMENT BASIC TRAINING- TOOLS AND RESOURCES FOR RESULTS (ONLINE).** FEMP offers this course to 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 are 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.

**USACE PROSPECT TRAINING (CLASSROOM).** USACE released the FY17 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [course catalog](#) and list of classes and schedule for details.

**FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER (ONLINE).** FedCenter.gov is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional development information. FedCenter.gov provides a wide variety of information, such as: (1) program development (e.g., environmental management systems, green procurement program); (2) federal and state regulatory requirements for various facility activities; (3) access to [environmental assistance](#); (4) access to free, [FedCenter-sponsored courses](#); (5) applicable laws and Executive Orders; and (6) [Partnerships](#). FedCenter also provides member assistance services such as collaboration tools for workgroups, environmental reporting tools, and daily newsletter and subscription services.

**INTERSTATE TECHNOLOGY AND REGULATORY COUNCIL (ITRC) TRAINING (CLASSROOM/ONLINE).** 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 cleanup projects. ITRC offers internet-based training and hosts nationwide classroom training. Topics span the full spectrum of remediation and compliance subjects. The internet-based training is supported by ITRC technical and regulatory guidance documents and is hosted with EPA's Technology Innovation and Field Services Division. For a listing of current classes and to register, visit [EPA'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.

**EPA TMDLS AND NPDES PERMITTING WEB-BASED TRAINING MODULES (ONLINE).** EPA has developed three web-based training modules on topics related to total maximum daily loads (TMDLs) and National Pollutant Discharge Elimination System (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.

**AVERT TUTORIAL (ONLINE).** EPA launched its 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 SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> 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 (ONLINE).** 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 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).

**CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES (ONLINE).** The U.S. Geological Survey's 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.

**BEST PRACTICES FOR COMPREHENSIVE WATER MANAGEMENT FOR FEDERAL FACILITIES TRAINING (ONLINE).** The training is provided by 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.

**UTILITY ENERGY PROJECT INCENTIVE FUNDS (ONLINE).** This FEMP course teaches federal agency personnel 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.

**NPDES TRAINING COURSES AND WORKSHOPS (CLASSROOM/ONLINE).** Training courses, workshops, and webcasts explain the regulatory framework and technical considerations of the NPDES permit program. They are designed for permit writers, dischargers, EPA officials, and other interested parties.

**EPA WATERSHED ACADEMY WEBCAST SERIES (ONLINE).** EPA'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 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 represented.

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 the [Regulatory Affairs Specialist](#).