



# Northern Review

## of Legislative & Regulatory Actions

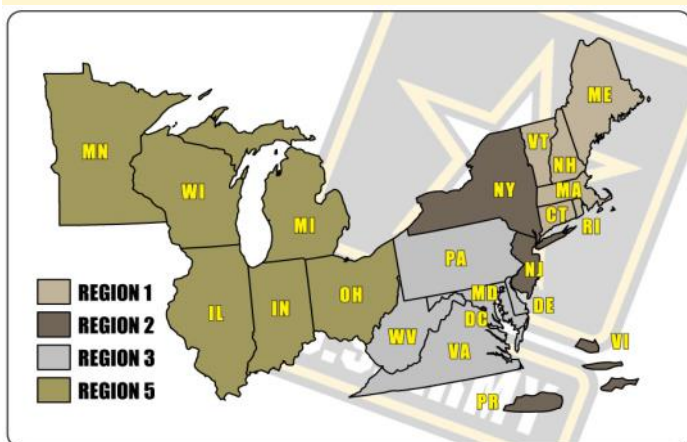
The U.S. Army Regional Environmental & Energy Office

August 2018

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. For installations that implement an environmental management system in accordance with ISO 14001 specifications, the content of the *Review* may help them identify emerging requirements.

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## WHAT'S IN THIS REVIEW?

### Region 1

In NH, a new law regulating groundwater pollution caused by air pollution, and proposed amendments to the underground storage tank (UST) facilities rules. In VT, emergency rules addressing the Groundwater Protection Rule and Strategy, and Investigation and Remediation of Contaminated Properties Rule. PFAS management is a focus to both NH and VT.

### Region 2

In NJ, proposed legislation to establish the Water Resources Protection Trust Fund. In NY, law amended allowing the repair of damaged pesticide containers, and a final rule amending the State Environmental Quality Review Act implementing regulations.

### Region 3

In MD, newly adopted state water quality trading program regulations. In PA, a draft NPDES General Permit (GP) for Discharges from Petroleum Product Contaminated Groundwater Remediation Systems. In VA, review of GP for Emergency Energy Generators.

### Region 5

In IL, proposed amendments to various waste regulations, and release of the IPCB July 2018 Regulatory Agenda. In IN, draft amendments to the UST requirements. In MI, adopted amendments to the rules governing public water supply with provisions to reduce lead exposure. In OH, finalized amendments to the Title V permitting program rules.

### Federal Activity

U.S. Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (USACE) have requested comment on the proposal to repeal the Clean Water Rule, Definition of "Waters of the United States."

### DOD Activity

The Secretary of Defense submitted a report to Congress on safe and effective alternatives to aqueous film forming foam (AFFF).

# 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.



## Connecticut

**LEGISLATIVE SESSION: 7 FEB 18 THROUGH 9 MAY 18, SINE DIE**  
**REGULATORY ACTIVITY**

**PROPOSED DRAFT SIP FOR AIR QUALITY.** The Connecticut Department of Energy and Environmental Protection (CDEEP) has [requested comment](#) on its proposed draft State Implementation Plan (SIP) amendments that address sections 110 (a)(1) and (2) of the Clean Air Act (CAA) with respect to the 2015 Ozone National Ambient Air Quality Standards (NAAQS). This SIP is referred to as an infrastructure SIP and is required to be submitted to EPA to demonstrate CDEEP's ability to implement, maintain, and enforce the revised NAAQS. The comment period closed 10 AUG 18.



## Maine

**LEGISLATIVE SESSION: 3 JAN 18 THROUGH 2 MAY 18, SINE DIE**  
**PROPOSED RULE**

**RACT SIP REVISION FOR 2008 8-HOUR OZONE NAAQS.** The Maine Department of Environmental Protection has [proposed](#) revisions to the Maine SIP to address requirements for the implementation of reasonably available control technology (RACT) and EPA's 2015 "Final Rule to Implement the 2008 8-Hour Ozone National Ambient Air Quality Standard." Maine is federally required to submit a demonstration that its current rules fulfill the 2008 8-hour ozone RACT requirements for all Control Technique Guideline (CTG) categories and all major, non-CTG sources. This demonstration can be made with either a new RACT determination or a certification that previously required RACT controls to represent RACT for the 2008 8-hour ozone standard. Once finalized, the SIP revisions will be sent to EPA for review and approval. Comments are due 17 AUG 18.



## Massachusetts

**LEGISLATIVE SESSION: 3 JAN 18 THROUGH 2 JAN 19 (EST)**  
**FEDERAL ACTIVITY**

**CROSS-MEDIA ELECTRONIC REPORTING.** EPA has approved a commonwealth of Massachusetts request to revise multiple state EPA-authorized programs to allow electronic reporting ([83 FR 32854](#)). The approval establishes electronic reporting as an acceptable regulatory alternative to paper reporting. Barring a request for a public hearing, the approval for the state National Primary Drinking Water Regulations Implementation becomes effective on 15 AUG 18. Approval for other authorized program revisions became effective 16 JUL 18.

## OTHER REGULATORY ACTIVITY

**SEMI-ANNUAL LIST OF PROSPECTIVE REGULATIONS.** The Massachusetts Executive Office of Energy and Environmental Affairs has [published](#) (page 17) a list of regulations expected to be promulgated during the next six months. Possible regulations to be promulgated by the Massachusetts Department of Environmental Protection include: (1) 310 CMR 6.00, *Ambient Air Quality Standards*; (2) 310 CMR 7.15, *Air Pollution Control – Asbestos*; (3) 310 CMR 30.00, *Hazardous Waste Management*; (4) 310 CMR 40.00, *Massachusetts Contingency Plan*; (5) 310 CMR 75.00, *Collection, Recycling, Labeling, and Sales Ban of Mercury Added Products*; and (6) 310 CMR 77.00, *Collection and Recycling of Mercury-Added Thermostats*.



**LEGISLATIVE SESSION: 3 JAN 18 THROUGH 30 JUN 18, SINE DIE**

### FINAL LEGISLATION

**HB 1101 REGULATION OF GROUNDWATER POLLUTION CAUSED BY AIR POLLUTION.** HB 1101 (Public Act: 345) regulates groundwater pollution caused by polluting emissions in the air and addresses standards for perfluorochemicals in drinking water, ambient groundwater, and surface water. The bill: (1) allows the New Hampshire Department of Environmental Services (NHDES) to make rules regarding air pollution and the deposit of such pollutants on soils and water; (2) regulates devices emitting or having the potential to emit air pollutants that may harm soil and water through the deposit of such pollutants; (3) clarifies the basis for and requires periodic review of ambient groundwater quality standards; (4) directs NHDES to evaluate the ambient groundwater quality standards for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), and set ambient groundwater quality standards for perfluorononanoic acid (PFNA) and perfluorohexanesulfonic acid (PFHxS); (5) directs NHDES to, in consultation with stakeholders, develop a plan, including a schedule and cost estimates, to establish surface water quality standards for PFOS, PFOA, PFNA, and PFHxS; and (6) establishes a toxicologist position and a human health risk assessor position in NHDES, and makes an appropriation to fund the positions. The bill was signed by the governor 10 JUL 18 and has varying effective dates.

### PROPOSED RULE

**AMENDMENTS TO UST FACILITIES REGULATIONS.** NHDES has [proposed](#) (page 5) to readopt with amendments Env-Or 400, *Underground Storage Tank Facilities*. The amendments reflect federal rule revisions, include some additional testing requirements, clarify existing requirements, and delete obsolete requirements. The amendments are required to maintain primacy of the program. A public hearing is scheduled for 20 AUG 18 and comments are due 31 AUG 18.



**LEGISLATIVE SESSION: 3 JAN 18 THROUGH 4 MAY 18, SINE DIE**

### FINAL RULES

**EMERGENCY RULE—GROUNDWATER PROTECTION RULE AND STRATEGY.** The Vermont Agency of Natural Resources (VARNR) has [adopted](#) an [emergency rule](#) regarding groundwater protection and strategy. The emergency rule establishes a cumulative 20 part per trillion (ppt) standard for five per- and polyfluorinated alkyl substances (PFAS): PFOA, PFOS, PFHxS, PFNA, and perfluoroheptanoic acid (PFHpA). VARNR is developing permanent changes that will be proposed to the *Groundwater Protection Rule and Strategy*. A [pre-rulemaking comment period](#) has been opened for the development of permanent changes; comments are due 17 AUG 18. The emergency rule became effective 11 JUL 18 and expires 11 JAN 19.

**EMERGENCY RULE—INVESTIGATION AND REMEDIATION OF CONTAMINATED PROPERTIES RULE.** VANR has [adopted](#) an [emergency rule](#) regarding the investigation and remediation of contaminated properties. The emergency rule lists five PFAS as hazardous materials: PFOA, PFOS, PFHxS, PFHpA, and PFNA. VANR is developing permanent changes that will be proposed to the *Investigation and Remediation of Contaminated Properties Rule*. A [pre-rulemaking comment period](#) has been opened for the development of permanent changes; comments are due 17 AUG 18. The emergency rule became effective 11 JUL 18 and expires 11 JAN 19.

## 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: 9 JAN 18 THROUGH 7 JAN 19**

### FEDERAL ACTIVITY

**ELEMENTS FOR 2008 8-HOUR OZONE NAAQS.** EPA has issued a proposed rule to approve several SIP revisions submitted by the state of New Jersey for purposes of implementing RACT for the 2008 8-hour Ozone NAAQS ([83 FR 36816](#)). The SIP revision is for the control and prohibition of air pollution by volatile organic compounds (VOCs) and oxides of nitrogen (NO<sub>x</sub>), as they are intended to satisfy certain CTG and NO<sub>x</sub> RACT categories. EPA has proposed approval for New Jersey's: (1) certification that there are no sources within the state for multiple CTGs; (2) RACT SIP as it applies to non-CTG major sources of VOCs and major sources of NO<sub>x</sub>; (3) certification that the state has satisfied the requirements for an enhanced motor vehicle inspection and maintenance program; (4) certification that the state has satisfied the requirements for an emission statement program; and (5) certification that the state has satisfied the requirements for an ozone-specific nonattainment new source review program. Comments are due 30 AUG 18.

### PROPOSED LEGISLATION

**AB 4324 (SB 2805) WATER RESOURCES PROTECTION TRUST FUND ACT.** AB 4324 establishes the Water Resources Protection Trust Fund, to be administered by the New Jersey Department of Environmental Protection (NJDEP). Moneys in the fund would be derived from: (1) a water consumption user fee imposed on the owner or operator of every public community water system equal to \$0.40 per 1,000 gallons of water delivered to a consumer; and (2) a water diversion user fee imposed on every person required by law to obtain a diversion permit or a water use registration equal to \$0.40 per 1,000 gallons of water diverted for a consumptive use. The water consumption user fee would be collected in the same manner as the water tax on public community water systems imposed under the *Safe Drinking Water Act*. The bill was referred to the Environment and Solid Waste Committee.

### FINAL RULE

**NJPDES—FISCAL (FY) 2018 ANNUAL FEE REPORT AND ASSESSMENT OF FEES.** The New Jersey Department of Environmental Protection (NJDEP) has [adopted](#) the *FY 2018 Annual Fee Report and Assessment of Fees* for the New Jersey Pollutant Discharge Elimination System (NJPDES) program. The NJPDES program regulates wastewater discharges from publicly and privately owned wastewater management systems, including certain stormwater discharges, as well as the disposal of residuals from treatment systems. The adoption became effective 16 JUL 18.



**LEGISLATIVE SESSION: 3 JAN 18 THROUGH 2 JAN 19 (EST)**

### **FINAL LEGISLATION**

**AB 10507 (SB 7747) REPAIR OF DAMAGED PESTICIDE CONTAINERS.** AB 10507 (Public Act: 94) amends state law relating to the repair of damaged pesticide containers. To reduce the amount of products, such as fertilizers that contain pesticides, from becoming waste, the bill allows retailers and distributors to make minor repairs to containers in accordance with EPA policy. Specifically, the bill extends, until 2020, New York's existing "minor repair program" for damaged pesticide containers and lawn fertilizers containing pesticides provided that the retailer's repair plan is approved first by EPA. A notice of the bill's introduction was published in the June 2018 *Northern Review*. The bill was signed by the governor 1 JUL 18 and became effective upon signature.

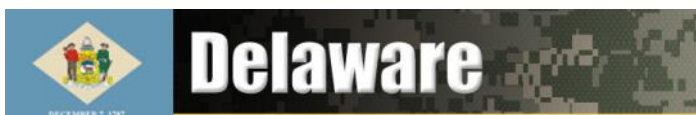
### **FINAL RULES**

**REPEAL OF REGULATION TO CONTROL EMERALD ASH BORER.** The New York State Department of Environmental Conservation (NYSDEC) has [adopted](#) (page 9) a rule to repeal section 192.7 of Title 6 NYCRR, regarding control of the emerald ash borer. The rule repeals existing restrictions on the movement of ash wood, logs, firewood, nursery stock and wood chips. A notice of the proposed rule was published in the May 2018 *Northern Review*. The rule became effective 20 JUL 18.

**STATE ENVIRONMENTAL QUALITY REVIEW ACT AMENDMENTS.** NYSDEC has [adopted](#) (page 9) amendments to the State Environmental Quality Review Act (SEQRA) implementing regulations. The amendments seek to streamline the SEQRA process without sacrificing meaningful environmental review. Specifically, the amendments: (1) improve the scoping process; (2) clarify and reduce review requirements; and (3) improve timeliness of decision making. The amendments become effective 1 JAN 19.

## **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.



**LEGISLATIVE SESSION: 9 JAN 18 THROUGH 1 JUL 18 (EST)**

### **FEDERAL ACTIVITY**

**INTERSTATE TRANSPORT REQUIREMENTS FOR 2012 PM<sub>2.5</sub>.** EPA has issued a final rule approving a SIP revision submitted by the state of Delaware ([83 FR 32209](#)). The revision addresses the infrastructure requirement for interstate transport of pollution with respect to the 2012 fine particulate matter (PM<sub>2.5</sub>) NAAQS. The final rule became effective 13 AUG 18.

### **FINAL LEGISLATION**

**HB 443 EXTENSION OF CONSTRUCTION PERMITS.** HB 443 (Public Act: 81:273) amends Title 7 of the Delaware code relating to permits. The bill permits the Secretary of the Delaware Department of Natural Resources and Environmental

Control to renew or extend the term of a construction permit for up to two additional years under certain circumstances. The bill was signed by the governor 21 JUN 18 and became effective upon signature.



**LEGISLATIVE SESSION: 2 JAN 18 THROUGH 31 DEC 18**

### **FEDERAL ACTIVITY**

**SIP FOR INTERSTATE TRANSPORT REQUIREMENTS FOR 2008 OZONE STANDARD.** EPA has issued a proposed rule to approve a portion of a SIP revision submitted by the District of Columbia (DC) ([83 FR 31350](#)). The revision addresses the CAA good neighbor and interstate transport requirements for the 2008 Ozone NAAQS. The good neighbor provision requires each state in its SIP to prohibit emissions that will significantly contribute to nonattainment, or interfere with maintenance, of a NAAQS in another state. EPA has proposed approval for DC's SIP as having adequate provisions to meet the requirements of the good neighbor provision for the 2008 Ozone NAAQS in accordance with section 110 of the CAA. The comment period closed 6 AUG 18.

### **PROPOSED RULE**

**RACT FOR VOCs.** The DC Department of Energy and Environment (DOEE) has [requested public comment](#) regarding a proposed SIP revision. The SIP revision certifies that DC's existing federally-approved SIP meets the CAA RACT requirements in regards to control of VOC under the 8-hour Ozone NAAQS. DOEE is also submitting the updated Motor Vehicle and Mobile Equipment Non-Assembly Line Coating Operations Regulations Rule (MVMERR) as an amendment to DC's SIP. The MVMERR rule was updated in 2016 to incorporate the Ozone Transport Commission's (OTC) 2009 MVMERR Model Rule. A public hearing is scheduled for 27 AUG 18 and comments are due the same day.



**LEGISLATIVE SESSION: 10 JAN 18 THROUGH 9 APR 18, SINE DIE**

### **FEDERAL ACTIVITY**

**INFRASTRUCTURE REQUIREMENTS FOR 2012 PM<sub>2.5</sub> NAAQS.** EPA has issued a proposed rule to approve a SIP revision submitted by the state of Maryland ([83 FR 31352](#)). The revision addresses the infrastructure requirements of CAA section 110 for the 2012 PM<sub>2.5</sub> NAAQS. The infrastructure requirements are designed to ensure that the structural components of each state's air quality management program are adequate to meet the state's responsibilities under the CAA. The comment period closed 6 AUG 18.

**EMISSIONS STATEMENT REQUIREMENT FOR 2008 OZONE STANDARD.** EPA has issued a final rule approving a SIP revision submitted by the state of Maryland ([83 FR 31796](#)). The SIP revision fulfills Maryland's emissions statement requirement for the 2008 Ozone NAAQS. The final rule becomes effective 15 AUG 18.

### **FINAL RULE**

**WATER QUALITY TRADING PROGRAM.** The Maryland Department of the Environment (MDE) has [adopted](#) (page 12) new Regulations .01—.14, under a new chapter, COMAR 26.08.11, *Maryland Water Quality Trading Program*. The new regulations establish a trading program that provides greater flexibility and reduces the cost of achieving the total maximum daily loads (TMDLs) established for the Chesapeake Bay while being protective of local water quality. A notice of the proposed regulations was published in the January 2018 *Northern Review*. The new regulations became effective 16 JUL 18.



**LEGISLATIVE SESSION: 2 JAN 18 THROUGH 30 NOV 18**

### **FEDERAL ACTIVITY**

**BASE-YEAR EMISSIONS INVENTORIES FOR LEBANON AND DELAWARE COUNTY NONATTAINMENT AREAS FOR 2012 ANNUAL PM<sub>2.5</sub> NAAQS.** EPA has issued a final rule approving two SIP revisions submitted by the commonwealth of Pennsylvania ([83 FR 31064](#)). The revisions pertain to base-year emission inventories for the Lebanon County and Delaware County nonattainment areas for the 2012 annual PM<sub>2.5</sub> NAAQS. The CAA requires states to submit a comprehensive, accurate, and current inventory of actual emissions from all sources of direct and secondary ambient PM<sub>2.5</sub> for all PM<sub>2.5</sub> nonattainment areas. The final rule became effective 2 AUG 18.

### **PROPOSED LEGISLATION**

**HB 2560 POLYSTYRENE FOOD CONTAINER PROHIBITION.** HB 2560 amends Title 27 (Environmental Resources) of the Pennsylvania Consolidated Statutes by adding a Chapter 43, *Polystyrene Food Container Prohibition*. The bill's intent is to reduce the adverse environmental impact of polystyrene food containers by prohibiting a food establishment from dispensing prepared food to a customer in a polystyrene food service container. The bill provides exemptions for meat trays, egg cartons, and packing materials. The bill was referred to the Environmental Resources and Energy Committee.

### **OTHER REGULATORY ACTIVITY**

**DRAFT NPDES GENERAL PERMIT FOR DISCHARGES FROM PETROLEUM PRODUCT CONTAMINATED GROUNDWATER REMEDIATION SYSTEMS (PAG-05).** The Pennsylvania Department of Environmental Protection (PADEP) has [requested public comment](#) on the draft National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges from Petroleum Product Contaminated Groundwater Remediation Systems (PAG-05). The PAG-05 provides NPDES permit coverage to existing or proposed petroleum product contaminated groundwater remediation systems for the remediation of groundwater contaminated with gasoline or other petroleum products. Some significant changes are proposed in the draft PAG-05 in comparison to the PAG-05 that is currently in effect, which expires 28 DEC 18: (1) proposed annual Notice of Intent installment payment would increase from \$100 to \$500 per year; (2) an annual report template has been developed and would need to be completed and submitted by PAG-05 permittees annually; (3) new eligibility criteria; and (4) procedures for terminating PAG-05 coverage using a standardized Notice of Termination form developed by PADEP. Comments are due 27 AUG 18.



**LEGISLATIVE SESSION: 10 JAN 18 THROUGH 10 MAR 18**

### **FEDERAL ACTIVITY**

**INTERSTATE TRANSPORT REQUIREMENTS FOR 2012 PM<sub>2.5</sub> NAAQS.** EPA has issued a final rule approving a SIP revision submitted by the commonwealth of Virginia ([83 FR 32794](#)). The revision addresses the infrastructure requirement for interstate transport of pollution with respect to the 2012 PM<sub>2.5</sub> NAAQS. The final rule becomes effective 15 AUG 18.

### **OTHER REGULATORY ACTIVITY**

**PERIODIC REVIEW—EMERGENCY ENERGY GENERATOR GENERAL PERMIT.** The Virginia Air Pollution Control Board has [requested public comment](#) on a periodic review of [9 VAC 5 – 540](#), *Emergency Energy Generator General Permit*. The periodic review will determine whether this regulation should be repealed, amended, or retained in its current form. Comments are due 27 AUG 18.



**LEGISLATIVE SESSION: 10 JAN 18 THROUGH 10 MAR 18, SINE DIE**

### **FEDERAL ACTIVITY**

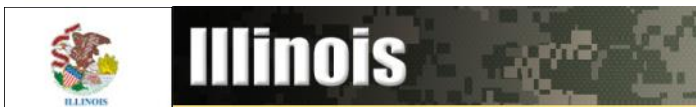
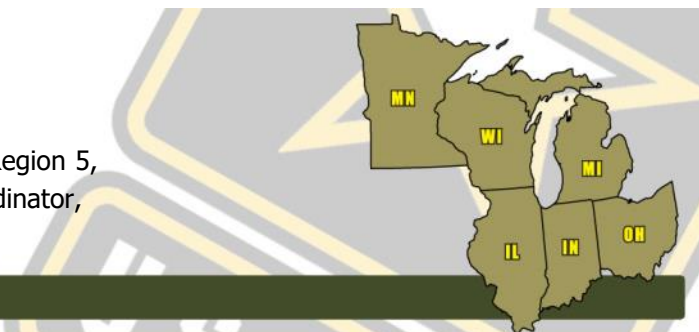
**SIP REVISION FOR PSD PROVISIONS.** EPA has issued a proposed rule to approve a SIP revision submitted by the state of West Virginia ([83 FR 31348](#)). The revision addresses West Virginia's Prevention of Significant Deterioration (PSD) provisions relating to the regulation of greenhouse gases. The comment period closed 6 AUG 18.

**REVISED MOTOR VEHICLE EMISSIONS BUDGETS (MVEBs).** EPA has issued a final correcting amendment for an error in the language of a previously issued final rule ([83 FR 32062](#)). The language pertains to EPA's approval of the revised MVEBs for the Charleston, Huntington, Parkersburg, Weirton, and Wheeling 8-hour ozone maintenance areas. The previous final rule amended the maintenance plans' 2009 and 2018 MVEBs submitted by the state of West Virginia. The final correcting amendment became effective 11 JUL 18.

**UPDATE TO EFFECTIVE DATE FOR STATE NAAQS INCORPORATION BY REFERENCE.** EPA has issued a proposed rule to approve a SIP revision submitted by the state of West Virginia ([83 FR 36823](#)). The revision updates the effective date by which the state incorporates by reference the NAAQS as well as the state's monitoring reference and equivalent methods. Comments are due 30 AUG 18.

## **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: 10 JAN 18 THROUGH 9 JAN 19 (EST)**

### **FEDERAL ACTIVITY**

**SIP REVISIONS ADDRESSING PERMIT-BY-RULE (PBR) PROVISIONS.** EPA has issued a proposed rule to approve SIP revisions submitted by the state of Illinois ([83 FR 33894](#)). The revisions establish a general framework for PBR and specifically provide a PBR for small boilers. In addition, EPA has proposed approval for other state provisions that are affected by the addition of the PBR regulations, as well as minor editorial changes. Comments are due 17 AUG 18.

### **PROPOSED RULE**

**AMENDMENTS TO HAZARDOUS WASTE, UIC, AND MSWLF RULES.** The Illinois Pollution Control Board (IPCB) has proposed multiple separate rulemakings, as part of a consolidated docket, that amend state hazardous waste, underground injection control (UIC), and municipal solid waste landfill (MSWLF) rules by incorporating amendments adopted by EPA during 2016 and 2017. IPCB has proposed amending:

- [35 Ill. Adm. Code 810](#) (page 421), *Solid Waste Disposal: General Provisions*, to incorporate elements of the Generator Improvements Rule (GIR) and make several needed corrections in the text of the rules. Comments are due 20 AUG 18;

- [35 Ill. Adm. Code 739](#) (page 361), *Standards for the Management of Used Oil*, to incorporate elements of the GIR and make several needed corrections in the text of the rules. Comments are due 20 AUG 18; and
- [35 Ill. Adm. Code 733](#) (page 288), *Standards for Universal Waste Management*, to incorporate elements of the GIR and the Hazardous Waste Import-Export Revisions, and make several needed corrections in the text of the rules. Comments are due 20 AUG 18.

## ***OTHER REGULATORY ACTIVITY***

**IPCB JULY 2018 REGULATORY AGENDA—EMISSIONS REGULATIONS.** IPCB has [released](#) (page 967) the July 2018 Regulatory Agenda. The agenda provides information concerning rulemakings on more than 20 emissions regulations, including permits and general provisions, major stationary sources construction and modification, hazardous air pollutants, and open burning.



***LEGISLATIVE SESSION: 8 JAN 18 THROUGH 14 MAR 18, SINE DIE***

## ***FEDERAL ACTIVITY***

**AIR QUALITY STANDARDS UPDATE FOR 2015 OZONE STANDARD.** EPA has issued a final rule approving a SIP revision submitted by the state of Indiana ([83 FR 36751](#)). The revision updates the state ozone standard in order to be consistent with EPA's 2015 revisions to the 8-hour NAAQS. The revision also updates references to the monitoring test methods in the state rules to be consistent with the current EPA test methods. EPA has also approved administrative revisions to regulations addressing other ambient air quality standards. The final rule became effective 30 AUG 18.

## ***PROPOSED RULE***

**UNDERGROUND STORAGE TANK COMPLIANCE DATES.** The Indiana Department of Environmental Management has [proposed](#) draft rule language for amendments to the UST requirements. The amendments change the compliance dates for federal UST requirements that are incorporated by reference in 329 IAC 9. Comments are due 17 AUG 18 and a [public hearing](#) is scheduled for 14 NOV 18.



***LEGISLATIVE SESSION: 10 JAN 18 THROUGH 31 DEC 18 (EST)***

## ***FEDERAL ACTIVITY***

**REVISIONS TO PART 9 MISCELLANEOUS RULES.** EPA has issued a final rule approving a SIP revision submitted by the state of Michigan ([83 FR 34050](#)). The revision incorporates changes to Part 9 of the state air pollution control rules, *Emissions Limitations and Prohibitions—Miscellaneous*. The revision updates existing source-specific rule requirements for ferrous cupola operations by removing obsolete rule language; it also makes a minor change to correct the citation to a federal test method. The revision continues to result in attainment of the carbon monoxide (CO) NAAQS. The final rule becomes effective 20 AUG 18.

## ***FINAL RULE***

**AMENDMENTS TO PUBLIC WATER SUPPLY RULES.** The Michigan Department of Environmental Quality (MDEQ) has [adopted](#) (page 12) amendments to rules that govern the supply of water to the public. The amendments provide additional provisions that reduce exposure to lead in drinking water. Provisions include the removal of lead service lines

from drinking water distribution systems and lowering the action level for lead, in addition to other protective provisions. MDEQ subsequently published a [correction](#) (page 12) to the rules. A notice of the proposed amendments was published in the March 2018 *Northern Review*. The amendments became effective 14 JUN 18.



**LEGISLATIVE SESSION: 20 FEB 18 THROUGH 21 MAY 18 (EST), SINE DIE**

### **FEDERAL ACTIVITY**

**PSD INFRASTRUCTURE SIP REQUIREMENTS.** EPA has issued a final rule approving elements of a SIP revision submitted by the state of Minnesota ([83 FR 36748](#)). The revision addresses the infrastructure requirements of CAA section 110 relating to PSD for the 1997 ozone, 1997 PM<sub>2.5</sub>, 2006 PM<sub>2.5</sub>, 2008 lead, 2008 ozone, 2010 nitrogen dioxide (NO<sub>2</sub>), 2010 sulfur dioxide (SO<sub>2</sub>), and 2012 PM<sub>2.5</sub> NAAQS. The final rule becomes effective 30 AUG 18.

**NAVAL INDUSTRIAL RESERVE ORDNANCE PLANT SUPERFUND SITE.** EPA has issued a direct final Notice of Deletion of Operable Unit 3 (OU3) of the Naval Industrial Reserve Ordnance Plant Superfund Site in Fridley, Minn., from the National Priorities List (NPL) ([83 FR 33134](#)). The direct final partial deletion from the NPL is being published by EPA with the concurrence of the Minnesota Pollution Control Agency (MPCA), because EPA has determined that all appropriate response actions, other than operation, maintenance, and five-year reviews, have been completed. However, this partial deletion does not preclude future actions under Superfund. Barring adverse comment the deletion becomes effective 17 SEP 18.

### **OTHER REGULATORY ACTIVITY**

**INFRASTRUCTURE SIP REVISION FOR 2015 OZONE NAAQS.** MPCA has [requested public comment](#) (page 7) on [draft revisions](#) to the infrastructure SIP for the 2015 Ozone NAAQS. The revisions fulfill Minnesota's responsibility under CAA to demonstrate its ability to implement, maintain, and enforce the revised ozone NAAQS. This includes information about Minnesota's air quality programs such as monitoring, permitting, and modeling. The comment period closed 10 AUG 18.



**LEGISLATIVE SESSION: 2 JAN 18 THROUGH 31 DEC 18 (EST)**

### **FEDERAL ACTIVITY**

**NEW SOURCE REVIEW (NSR) PM<sub>2.5</sub> PRECURSORS.** EPA has issued a final rule approving SIP revisions submitted by the state of Ohio ([83 FR 33844](#)). The revisions implement certain EPA regulations for PM<sub>2.5</sub> for nonattainment areas by establishing definitions related to PM<sub>2.5</sub> and defining PM<sub>2.5</sub> precursors. The revisions also incorporate the findings of a comprehensive precursor demonstration performed by the Ohio Environmental Protection Agency (OEPA), which determined that VOC and ammonia are an insignificant source of PM<sub>2.5</sub> for the purpose of NSR in nonattainment areas in Ohio. The final rule becomes effective 17 AUG 18.

**HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATOR (HMIWI) WITHDRAWAL FOR DESIGNATED FACILITIES AND POLLUTANTS.** EPA has issued a final rule approving Ohio's request for withdrawal of the previously approved HMIWI State Plan ([83 FR 35422](#)). OEPA submitted its HMIWI withdrawal in January 2018, certifying that there is only one HMIWI unit currently operating in the state of Ohio and requesting that the federal plan apply to the single source in the state. The federal HMIWI Plan will therefore apply in Ohio. The final rule becomes effective 27 AUG 18.

## ***FINAL RULES***

**TITLE V PERMITTING PROGRAM.** The OEPA Division of Air Pollution Control has [adopted](#) amendments to the rules in Ohio Administrative Code (OAC) Chapter [3745-77](#), *Title V Permitting Program*. The amendments clarify definitions and required permit content, as well as fix errors as part of a state-required five-year review. The amendments became effective 19 JUL 18.

## ***OTHER REGULATORY ACTIVITY***

**INTERESTED PARTY REVIEW—DRAFT DREDGE RULES.** OEPA has [drafted](#) rule revisions to [OAC 3745-599](#), *Beneficial use and harbor sediment authorization*. The revisions are in response to the passage of Senate Bill 2 by the 132<sup>nd</sup> Ohio General Assembly in 2017. The bill granted the director of OEPA authority to promulgate rules determining the criteria by which dredge from certain federal navigation channels and connected commercial maritime port facilities is neither a solid waste nor another waste. The draft revisions incorporate the provisions of the bill into the existing beneficial use program. Comments are due 27 AUG 18.

**INTERESTED PARTY REVIEW—STORMWATER AND NPDES GENERAL PERMIT RULES.** OEPA has [drafted](#) rule revisions to OAC Chapters [3745-39](#) and [3745-38](#) regarding stormwater and NPDES General Permits. Chapter 3745-39 covers the administrative requirements for individual stormwater permits. The General NPDES Permit rules in OAC Chapter 3745-38 cover the administrative requirements for people seeking coverage under any general NPDES permit. A number of revisions are under consideration for the rules; however, all but one revision are directly from the 2016 federal stormwater regulations update. The comment period closed on 13 AUG 18.

# **Federal Activity**

## ***AIR***

**GOOD NEIGHBOR OBLIGATIONS FOR 2008 OZONE NAAQS.** EPA has issued a proposed rule to determine the Cross-State Air Pollution Rule (CSAPR) Update for the 2008 Ozone NAAQS fully addresses certain states' obligations under CAA section 110(a)(2)(D)(i)(I) regarding interstate pollution transport ([83 FR 31915](#)). The CSAPR Update, published 26 OCT 16, promulgated Federal Implementation Plans (FIPs) for 22 states in the eastern U.S. In the final CSAPR Update, based on information available at that time, the EPA could not conclude that the rule fully addressed CAA section 110(a)(2)(D)(i)(I) obligations for 21 of the 22 CSAPR Update states. EPA now proposes a determination that, based on additional information and analysis, the CSAPR Update fully addresses this CAA provision for the 2008 Ozone NAAQS for all remaining CSAPR Update states.

## ***ENERGY***

**RENEWABLE FUEL STANDARD PROGRAM.** EPA has issued a proposed rule to set the annual percentage standards for cellulosic biofuel, biomass-based diesel, advanced biofuel, and total renewable fuel that apply to gasoline and diesel transportation fuel produced or imported in 2019 ([83 FR 32024](#)). Under CAA section 211, EPA is required to set renewable fuel percentage standards every year. Relying on statutory waiver authority that is available when the projected cellulosic biofuel production volume is less than the applicable volume specified in the statute, EPA has proposed volume requirements for cellulosic biofuel, advanced biofuel, and total renewable fuel that are below the statutory volume targets. EPA has also proposed the applicable volume of biomass-based diesel for 2020.

## ***MARINE RESOURCES***

**MARINE MAMMAL STOCK ASSESSMENT REPORTS.** As required by the Marine Mammal Protection Act (MMPA), the National Marine Fisheries Service (NMFS) has considered public comments for revisions of the 2017 marine mammal stock

assessment reports (SAR) ([83 FR 32093](#)). This notice announces the availability of the final 2017 SARs for the 75 stocks that were updated. Section 117 of the MMPA ([16 U.S.C. 1361](#) et seq.) requires NMFS and the U.S. Fish and Wildlife Service (FWS) to prepare stock assessments for each stock of marine mammals occurring in waters under the jurisdiction of the U.S.. These reports must contain information regarding the distribution and abundance of the stock, population growth rates and trends, estimates of annual human-caused mortality and serious injury from all sources, descriptions of the fisheries with which the stock interacts, and the status of the stock. The MMPA requires NMFS and FWS to review the SARs at least annually for strategic stocks and stocks for which significant new information is available, and at least once every three years for non-strategic stocks.

## **NEPA**

**UPDATE TO NEPA IMPLEMENTING REGULATIONS—EXTENDED PUBLIC COMMENT.** The Council on Environmental Quality (CEQ) has published an advance notice of proposed rulemaking (ANPRM) titled “Update to the Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act [NEPA]” ([83 FR 28591](#)). CEQ has extended the comment period on the ANPRM, which was scheduled to close 20 JUL 18, for 31 days until 20 AUG 18 ([83 FR 32071](#)). CEQ is making this change in response to public requests for an extension of the comment period.

**CORAL REEF CONSERVATION PROGRAM.** The National Oceanic and Atmospheric Administration (NOAA), Office for Coastal Management, announces its intention to prepare a programmatic environmental impact statement (PEIS) ([83 FR 32099](#)). NOAA will prepare the PEIS in accordance with NEPA for its Coral Reef Conservation Program, which is implemented in coastal areas and marine waters of Florida, Puerto Rico, U.S. Virgin Islands, Gulf of Mexico, Hawaii, Guam, the Commonwealth of the Northern Mariana Islands, American Samoa, the U.S. Pacific Remote Island Area, and targeted international regions including the wider Caribbean, the Coral Triangle, the South Pacific, and Micronesia. Publication of this document begins the official scoping period that will help identify issues and alternatives to be considered in the PEIS.

## **THREATENED AND ENDANGERED SPECIES**

**DRAFT RECOVERY PLAN FOR COQUÍ LLANERO.** FWS has announced the availability of the draft recovery plan for the endangered coquí llanero (*Eleutherodactylus juanariveroi*), a frog endemic to Puerto Rico ([83 FR 31766](#)). The draft recovery plan includes specific recovery objectives and criteria that must be met in order for FWS to remove the species from listing under the Endangered Species Act (ESA). FWS has requested review and comment on the draft recovery plan from the public and local, state, and federal agencies.

**INTERAGENCY COOPERATION UNDER THE ENDANGERED SPECIES ACT.** FWS and NMFS have issued a proposed rule to amend portions of regulations that implement section 7 of the ESA ([83 FR 35178](#)). The services have proposed these changes to improve and clarify the interagency consultation processes and make them more efficient and consistent.

**LISTING SPECIES AND DESIGNATING CRITICAL HABITAT.** FWS and NMFS have issued a proposed rule to revise portions of regulations that implement section 4 of the ESA ([83 FR 35193](#)). The proposed revisions clarify, interpret, and implement portions of the ESA concerning the procedures and criteria used for listing or removing species from the Lists of Endangered and Threatened Wildlife and Plants and designating critical habitat. FWS and NMFS have also proposed to make multiple technical revisions to update existing sections or to refer appropriately to other sections.

**PROHIBITIONS TO THREATENED WILDLIFE AND PLANTS.** FWS has issued a proposed rule to revise regulations extending most of the prohibitions for activities involving endangered species to threatened species ([83 FR 35174](#)). For species already listed as threatened, the proposed regulations would not alter the applicable prohibitions. The proposed regulations would require FWS, pursuant to section 4(d) of the ESA, to determine what, if any, protective regulations are appropriate for the species that FWS in the future determines to be threatened.

**WITHDRAWN COMPENSATORY MITIGATION POLICY.** FWS has withdrawn ([83 FR 36469](#)) the ESA Compensatory Mitigation Policy (CMP) published [27 DEC 16](#). On 6 NOV 17 FWS requested additional public comments regarding the policy's

overall mitigation planning goal of net conservation gain. FWS is now withdrawing this policy based on the position that FWS does not have authority to require “net conservation gain” under the ESA, and the policy is inconsistent with current executive branch policy. Except as otherwise specified, all policies or guidance documents that were superseded by the ESA-CMP are reinstated. The withdrawal became effective 30 JUL 18.

**WITHDRAWN MITIGATION POLICY.** FWS has withdrawn the Mitigation Policy published [21 NOV 16](#), which guides FWS recommendations on mitigating the adverse impacts of land and water developments on fish, wildlife, plants, and their habitats ([83 FR 36472](#)). FWS has withdrawn this policy based on the position that FWS does not have authority to require “net conservation gain” under the ESA, and the policy is inconsistent with current executive branch policy. Until further notice, all policies that were superseded by the 2016 Mitigation Policy are reinstated. The withdrawal became effective 30 JUL 18.

## ***TOXICS***

**MERCURY AND AIR TOXICS STANDARDS (MATS) ELECTRONIC REPORTING REQUIREMENTS.** EPA has issued a final rule to extend the period during which certain electronic reports required by the MATS may be submitted as PDF files using the Emissions Collection and Monitoring Plan System Client Tool ([83 FR 30879](#)). The final rule extends the end date of that period from 30 JUN 18 to 1 JUL 20. EPA has taken this action because the electronic reporting system that owners or operators of affected MATS sources will be required to use when PDF filing is no longer allowed will not be available by 30 JUN 18. The extension does not alter the responsibility of owners or operators of affected MATS sources to comply with the applicable MATS and report their compliance information to the appropriate authority. The final rule became effective 1 JUL 18.

## ***WATER***

**WATERS OF THE UNITED STATES DEFINITION.** EPA and USACE clarify, supplement, and seek additional comment on a proposal to repeal the Clean Water Rule, Definition of “Waters of the United States” ([83 FR 32227](#)). The agencies propose to repeal the [rule](#), established in 2015, and restore the regulatory text that existed prior to the 2015 rule, as informed by guidance in effect at that time. If this proposal is finalized, regulations defining the scope of federal Clean Water Act (CWA) jurisdiction would be as they existed before the amendments promulgated in the 2015 rule. Those regulatory definitions are the ones that the agencies are currently implementing in light of the agencies' [final rule](#) published 6 FEB 18, adding a 6 FEB 20 applicability date to the 2015 rule, as well as judicial decisions enjoining and staying the 2015 rule.

**REPORT ON FEDERAL ROLE IN GROUNDWATER SUPPLY.** The Congressional Research Service has released a [report](#) for Congress that provides an overview of the federal role in groundwater supply and recent federal legislation in the 115<sup>th</sup> Congress ([R45259](#)). According to the report, Congress generally has deferred management of U.S. groundwater resources to the states, and that practice appears likely to continue. However, Congress, various states, and other stakeholders recently have focused on the potential for using surface water to recharge aquifers and the ability to recover stored groundwater when needed.

# **Department of Defense Activity**

**DOD REPORT TO CONGRESS—ALTERNATIVES TO FILM FORMING FOAM.** In June, the Secretary of Defense submitted a [report to Congress](#) on alternatives to film forming foam. The report, required by section 1059 of the National Defense Authorization Act for Fiscal 2018, contains information on the following requirements:

- A detailed explanation of DOD efforts with respect to developing a new military specification for safe and effective alternatives to aqueous film forming foam (AFFF) that do not contain PFOS or PFOA;

- An update on DOD plans for replacing AFFF containing PFOS or PFOA at military installations across the country and methods of disposal for AFFF containing PFOS or PFOA;
- An overview of current and planned research and development for AFFF alternatives that do not contain PFOS or PFOA; and
- An assessment of how the establishment of a maximum contaminant level for PFOS or PFOA under the Safe Drinking Water Act, rather than the current health advisory level, would impact DOD mitigation actions, prioritization of such actions, and research and development related to PFOS and PFOA.

**LEGACY PROGRAM FUNDING CALL FOR PRE-PROPOSALS.** The DOD Legacy Resource Management Program [announced](#) a request for pre-proposals for fiscal 2019 funding. All projects must address at least one of the Areas of Emphasis (AOEs) and support mission-relevant priorities that form the basis of DOD's Natural and Cultural Resources Programs. For fiscal 2019, the legacy program will consider proposals that address the following AOEs: (1) addressing mission priority threatened, endangered, and at-risk species; or (2) addressing mission priorities through strategic cultural resource management. Pre-proposals are due 17 AUG 18. Full proposals will be requested via correspondence 1 OCT 18. Full proposals are due 16 NOV 18. Funding announcements will be made when funds are available and releasable. For more information about the DOD Legacy Resource Management Program, including pre-proposal guidelines and a fillable pre-proposal form, click [here](#).

# Professional Development

## ***DOD TRAINING SOURCES***

**2018 REPI WEBINAR SERIES (ONLINE).** DOD's Readiness and Environmental Protection Integration (REPI) Program 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 Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP) launched 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 Department of Energy (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.

**NAVY AND ISEERB ENVIRONMENTAL TRAINING (CLASSROOM).** Course topics in the Navy and 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 (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***

**21—23 AUG 18, CLEVELAND, OH: ENERGY EXCHANGE AND BETTER BUILDINGS SUMMIT.** DOE is bringing together the Energy Exchange and the Better Buildings Summit, creating the largest DOE training, trade show, and peer event of the year. The summit will feature technical training sessions, interactive panels, and learning opportunities from public and private sector market leaders.

**NEW 5—7 NOV 18, DENVER, CO: 2018 DESIGN AND CONSTRUCTION ISSUES AT HAZARDOUS WASTE SITES.** The Society for American Military Engineers (SAME) and EPA are co-hosting the third symposium on design and construction issues at hazardous waste sites. The symposium in Denver, Colo., is designed to encourage dialogue and information sharing on design and construction issues relevant to hazardous waste sites in the western United States. The registration fee is waived for public agency/government employees.

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

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

**RESTORATION WEBINAR SERIES (ONLINE).** This webinar series is produced by a partnership between the National Oceanic and Atmospheric Administration and the U.S. Fish and Wildlife Service.

**INTERAGENCY CONSULTATION FOR ENDANGERED SPECIES (CLASSROOM).** Hosted by FWS, 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.

**GUIDING PRINCIPLES FOR SUSTAINABLE BUILDINGS (ONLINE).** DOE'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 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 FY 2019 PROSPECT (Proponent-Sponsored Engineer Corps Training) program. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [course catalog](#) and list of classes and schedule.

**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) 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 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 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).** The FEMP Training Search is 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](#).

