



Northern Review

of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

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

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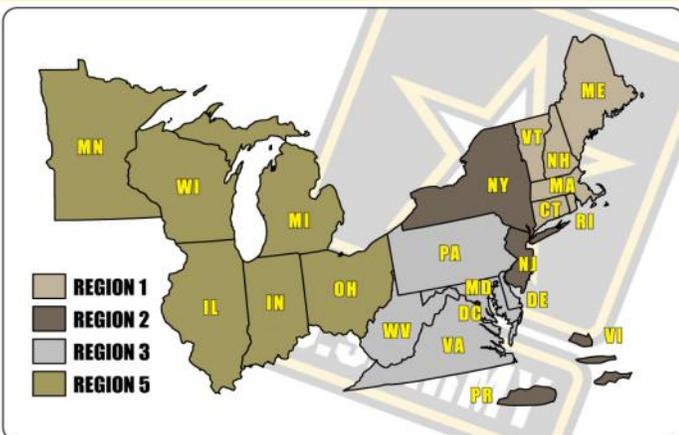


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WHAT'S IN THIS REVIEW?

Region 1

In CT, final amendments to T&E lists. In ME, final amendments to subsurface wastewater rules. In NH, final and proposed amendments to pesticide rules. In VT, draft revised groundwater protection rule and strategy.

Region 2

In NJ, new laws governing permitting procedures and requirements, net metering, and biofuels. In NY, new law extending migratory game bird management rules, proposed bill regarding carbon-based fuel tax, and final amendments concerning the Emerald ash borer beetle quarantine.

Region 3

In DE, final revisions to radiation control regulations, and upcoming workshops concerning updates to beach protection and use of beaches rule. In DC, proposed expansion of polystyrene prohibition. In MD, TMDLs for multiple rivers and watersheds. In PA, proposed amendments to state endangered species list, and a draft NPDES general permit for stormwater discharges from MS4s. In VA, final amendments to existing stationary sources rules and proposed amendments to pesticide applicator certification regulations. In WV, new rules establishing an AST regulatory program and finalizing AST proceedings and civil penalty assessments.

Region 5

In IL, new laws amending PSD permitting program rules and the definition of stationary source. In IN, proposed amendments to voluntary performance based leadership programs. In MI, draft nonpoint source program plan. In MN, proposed amendments to health risk limits for groundwater. In OH, final amendments to beneficial use designation rules and proposed revisions to open burning rules. In WI, proposed bills to amend well standards.

DOD Activity

2015 REPI Challenge winners announced. USACE releases updated flood control guidance.

Federal Activity

Congress passes the Drinking Water Protection Act to amend SDWA concerning algal toxins in public drinking water systems. USEPA issues final rules that amend PSD and Title V regulations, and water quality standards; and releases the final 2014 Effluent Guidelines Program Plan and Effluent Guidelines Annual Review Report.

Region 1

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



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

FINAL RULES

LEP BOARD CONTINUING EDUCATION DISTANCE LEARNING COURSES The Connecticut Department of Energy and Environmental Protection (CDEEP) has [adopted](#) amendments to the State Board of Examiners of Environmental Professionals (LEP Board) regulations. The amendments allow, under certain conditions, the use of distance learning courses to fulfill continuing education requirements. A notice of the proposed amendments was published in the [July 2014 Northern Review](#). The amendments became effective on 7 AUG 15.

AMENDMENTS TO ENDANGERED, THREATENED, AND SPECIES OF SPECIAL CONCERN CDEEP has [adopted](#) amendments to sections 26-306-4, 26-306-5, and 26-306-6 of the *Regulations of Connecticut State Agencies*. The proposed amendments update the lists of species that are endangered, threatened or of special concern. The CDEEP commissioner is required to review, at least every five years, the designation of species to determine whether species should be added or removed from the list, or change the designation. A notice of the proposed amendments was published in the [March 2015 Northern Review](#). The amendments became effective on 7 AUG 15.



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

FINAL RULES

SUBSURFACE WASTEWATER DISPOSAL SYSTEM RULES The Maine Department of Health and Human Services has [adopted](#) amendments to Chapter 241, which governs the siting, design, construction and inspection of subsurface wastewater disposal systems. The amendments clarify requirements by adding and specifying definitions, adding clearer guidance, and deleting unnecessary language. The amendments also correct references, articulate prohibitions on structures, and reorganize the rule. The amendments became effective on 3 AUG 15.



Legislature convened 7 JAN 15 and adjourns 18 NOV 15.

PROPOSED LEGISLATION

[HB 3724](#) INCENTIVES FOR SOLAR INDUSTRY HB 3724 amends Chapter 25A of the General Laws relative to a long-term, sustainable solar industry. The bill provides that current solar industry incentives, including Solar Renewable Energy

Certificates, will continue to be available to new solar generators until the state has reached its target of 1,600 megawatts (MW) of solar generation. In an effort to accelerate reaching the goal, the bill expands the net metering cap by 50% for private entities and 40% for public entities. The bill also empowers the Massachusetts Department of Public Utilities to further raise the cap when it is in the public interest to do so. Finally, the bill outlines how the incentives will be adjusted once the target of 1,600 MW is reached. The bill was referred to the Joint Committee on Telecommunications, Utilities and Energy.



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

FINAL RULES

AQUATIC APPLICATION OF PESTICIDES The New Hampshire Pesticide Control Board (NHPCB) has [adopted](#) amendments to pesticide rule Chapter Pes 600, which identifies the process for requesting and issuing a special permit for the use of pesticides in aquatic environments. In addition to editorial changes, the amendments: (1) clarify items on the form used for requesting a special permit; (2) add a definition of "longterm management plan"; (3) clarify qualifications for who can sample water following a pesticide treatment; and (4) revise the pesticide treatment notification to reflect contemporary methods. A notice of the proposed amendments was published in the [December 2014 Northern Review](#). The amendments became effective on 8 JUL 15.

PROPOSED RULES

AMENDMENTS TO PESTICIDE REGISTRATION CERTIFICATE REGULATIONS NHPCB has [proposed](#) the readoption with amendments of pesticide rules Chapters Pes 101.36 (*Supervisory Registration Certificate - General Use*) and Pes 303.01, (*Qualifications For Supervisory Level Certificates*). The amendments to Pes 101.36 add three applicator categories (Forest Pest Control and Timber Treatment, Microbial Pest Control, and Shade and Ornamental Pest Control) to the definition of a pesticide certificate. The amendments to Pes 303.01 update the criteria required to qualify to take a pesticide exam leading to a supervisory level license. A public hearing is scheduled for 21 SEP 15 and comments are due by 2 OCT 15.



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

FEDERAL ACTIVITY

REVISIONS TO STATE LOW EMISSION VEHICLE PROGRAM USEPA has issued a final rule approving a State Implementation Plan (SIP) revision submitted by the state of Rhode Island ([80 FR 50203](#)). The revision contains regulations adopted by Rhode Island that include the: (1) California Low Emission Vehicle (LEV) II light-duty motor vehicle emission standards effective in model year 2008; (2) California LEV II medium-duty vehicle standards effective in model year 2009; and (3) greenhouse gas (GHG) emission standards for light-duty motor vehicles and medium-duty vehicles effective with model year 2009. The Rhode Island LEV regulation submitted also includes a zero emission vehicle provision. Rhode Island has adopted these regulations to reduce emissions of volatile organic compounds (VOC) and nitrogen oxides (NO_x), and to ensure that their program is identical to California's, as required by the Clean Air Act (CAA). The rule becomes effective on 18 SEP 15.



Legislature convened 7 JAN 15 and adjourned sine die 16 MAY 15.

PROPOSED RULES

DRAFT REVISED GROUNDWATER PROTECTION RULE AND STRATEGY The Vermont Department of Environmental Conservation (VDEC) has [requested comment](#) on the draft revised state groundwater protection rule and strategy. The rule and strategy establish: (1) classes of groundwater; (2) a process for groundwater reclassification; and (3) standards for groundwater quality protection. The rule and strategy will also ensure that VDEC regulatory programs protect groundwater resources. Comments are due by 25 SEP 15.

Region 2

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



Legislature convened 13 JAN 15 and adjourns 12 JAN 16.

FINAL LEGISLATION

[SB 1813](#) REQUIRED PERIODIC REVIEWS OF PERMITTING PROCEDURES AND REQUIREMENTS SB 1813 (P.L.2015, c.88) requires each state agency to periodically review the permits it issues in order to further streamline permitting procedures and requirements. The period reviews are required to identify: (1) permits that can have their period of validity extended beyond the scheduled termination date without significant disruption to the efficiency or work of the state agency; and (2) permitting procedures that can be better facilitated through the increased incorporation of computer-based technology, or that can be completed online. The bill was signed by the governor on 10 AUG 15 and became effective upon signature.

[SB 2420](#) ELECTRIC POWER NET METERING CAPACITY THRESHOLD ESTABLISHED SB 2420 (P.L.2015, c.94) increases the electric power net metering capacity threshold established in the *Electric Discount and Energy Competition Act*. The act authorized electric power (EP) suppliers and basic generation service (BGS) providers to cease offering net metering to customer-generators when the total rated generating capacity of the customer-generators statewide reaches 2.5% of the state’s peak electricity demand. The bill increases the authorization threshold for EP and BSG suppliers to cease offering net metering to customers that are not already net metered to 2.9%. The bill was signed by the governor on 10 AUG 15 and became law upon signature.

[SB 2599](#) DEFINITIONS FOR BIOFUELS UNDER “MOTOR FUELS TAX ACT” SB 2599 (P.L.2015, c.101) provides and revises certain definitions concerning biofuels in regard to a use exemption under the state’s motor fuel tax. Currently, the biodiesel fuel exemption is generally limited to any motor fuel that is derived from agricultural products or animal fats. The bill redefines the biodiesel fuel exemption to more specifically apply to biobased liquid fuel and biodiesel fuel, as defined by the bill. The bill was signed by the governor on 10 AUG 15 and became law upon signature.

PROPOSED LEGISLATION

[SB 2782](#) REQUIREMENT FOR ELECTRIC VEHICLE RECHARGING STATIONS AT CERTAIN REST AREAS SB 2782 requires New Jersey Turnpike Authority and the South Jersey Transportation Authority to provide electric vehicle recharging stations at certain rest areas on New Jersey Turnpike, Garden State Parkway, and Atlantic City Expressway. The bill has passed the Senate.



Legislature convened 7 JAN 15 and adjourned 25 JUN 15.

FEDERAL ACTIVITY

WITHDRAWAL OF APPROVAL FOR CERTAIN STATE SEWAGE SLUDGE INCINERATION PLAN PROVISIONS USEPA has issued a proposed rule to withdraw its approval of a New York state plan provision that implements and enforces the emission guidelines for existing sewage sludge incineration units ([80 FR 51170](#)). The proposed rule withdraws the previous approval of a provision of the state sewage sludge incineration plan allowing for affirmative defenses of CAA violations in the case of malfunctions. No other provision in the state plan would be affected by this action. Comments are due by 23 SEP 15.

FINAL LEGISLATION

[SB 5134](#) EXTENSION FOR MIGRATORY GAME BIRD MANAGEMENT REGULATIONS SB 5134 (Public Act: 208) amends the environmental conservation law by extending provisions related to the management of migratory game birds. The bill extends the effectiveness of the law from 1 OCT 15 to 31 DEC 18. The bill was signed by the governor on 13 AUG 15 and became law upon signature.

PROPOSED LEGISLATION

[SB 6037](#) TAX ON CARBON-BASED FUELS SB 6037 establishes a tax on carbon-based fuels to mitigate GHG emissions causing anthropogenic climate change. The bill states that the tax will be imposed on each fuel distributor and utility at a rate and schedule determined by the New York State Department of Environmental Conservation (NYSDEC). The bill was referred to the Rules Committee.

FINAL RULES

EMERALD ASH BORER QUARANTINE NYSDEC has adopted amendments to the forest insect disease control regulations concerning the Emerald ash borer (EAB) beetle. The amendments repeal Part 141 and add a new Part 141 to Title 1 NYCRR. The new section quarantines the EAB to 14 restricted zones where infestations already exist. The EAB is a non-indigenous destructive wood-boring insect native to Eastern Europe and Asia. A notice of the proposed amendments was published in the [June 2015 Northern Review](#). The amendments became effective on 5 AUG 15.



Legislature convened 14 JAN 13 and adjourns 31 DEC 16.

PROPOSED LEGISLATION

PC 2565 RESTRICTION ON AQUEDUCT AND SEWER AUTHORITY RATE INCREASES PC 2565 amends the *Tariff Revision and Modification Act*. The bill prohibits the Puerto Rico Aqueduct and Sewer Authority (PRASA) from increasing rates while an executive order declaring a state of emergency due to drought is in effect. The bill was referred to the Consumer Affairs and Anti-Monopolistic Practices 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.



Legislature convened 13 JAN 15 and adjourned 30 JUN 15.

FINAL RULES

REVISIONS TO RADIATION CONTROL REGULATIONS The Delaware Division of Public Health has [adopted](#) revisions to two sets of state radiation control regulations at 16 DE Admin. Code 4465. The two regulations being revised are: (1) 4465 Part D - *Standards for Protection Against Radiation*; and (2) 4465 Part J - *Notices, Instructions and Reports to Workers; Inspections*. The revisions update the requirements by bringing them in line with current healthcare standards and aligning them more closely with current state administrative codes and federal requirements. A notice of the proposed revisions was published in the [June 2015 Northern Review](#). The amendments became effective on 11 AUG 15.

OTHER REGULATORY ACTIVITY

WORKSHOPS CONCERNING UPDATES TO BEACH PROTECTION AND USE OF BEACHES REGULATIONS The Delaware Department of Natural Resources and Environmental Control (DDNREC) has [announced](#) two public workshops concerning amendments to the regulations governing beach protection and the use of beaches. The Shoreline and Waterway Management Section is amending the regulations to increase the effectiveness of the Coastal Construction Program and improve its protection of the beach and dune system. The amendments incorporate recent legislative changes to the *Beach Preservation Act* (Del. Code Title 7, Chapter 68). The amendments also incorporate DDNREC and Division of Watershed Stewardship policies and construction standards that will result in less damage to structures and protection measures for the dune and beach resource. The workshops will provide information to the public concerning the most recent draft regulations. The workshops are scheduled for 25 and 26 SEP 15.



Legislature convened 1 JAN 15 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

INTERSTATE POLLUTION TRANSPORT REQUIREMENTS FOR 2006 24-HOUR PM2.5 NAAQS USEPA has issued a direct final rule to approve a SIP revision submitted by the District of Columbia ([80 FR 50785](#)). The revision addresses the infrastructure requirements for interstate transport pollution with respect to the 2006 24-hour fine particulate matter (PM2.5) National Ambient Air Quality Standards (NAAQS). Barring adverse comment the direct final rule becomes effective on 20 OCT 15.

PROPOSED RULES

EXPANDED POLYSTYRENE PROHIBITION The District of Columbia Department of Energy and Environment (DDOEE) has [proposed](#) a rule to amend Title 21 (Water and Sanitation) of the District of Columbia Municipal Regulations (DCMR). The rule adopts a new Chapter 23 (Expanded Polystyrene Prohibition) to establish standards for prohibiting expanded polystyrene food service products in DC. Comments are due by 27 SEP 15.



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

FEDERAL ACTIVITY

AMENDMENTS TO CONTROL OF GASOLINE AND VOC STORAGE AND HANDLING USEPA has issued a direct final rule to approve a SIP revision submitted by the state of Maryland ([80 FR 45890](#)). The SIP revision pertains to amendments to the Code of Maryland Regulation (COMAR) 26.11.13, *Control of Gasoline and Volatile Organic Compound Storage and Handling*. The amendments establish an alternative and equivalent method of transfer of high pressure materials as well as changing incorrect references. Barring adverse comment the direct final rule becomes effective on 2 OCT 15.

OTHER REGULATORY ACTIVITY

DRAFT TMDL FOR PARTS OF GUNPOWDER AND BIRD RIVERS The Maryland Department of the Environment (MDE) has [requested comment](#) on the draft document, *Total Maximum Daily Load (TMDL) of Polychlorinated Biphenyls in the Gunpowder River and Bird River Subsegments of the Gunpowder River Oligohaline Segment, Baltimore County and Harford County, Maryland*. Comments are due by 18 SEP 15.

TMDL OF SEDIMENT FOR SWAN CREEK WATERSHED MDE has [requested comment](#) on the draft document, *Total Maximum Daily Load of Sediment in the Swan Creek Watershed, Harford County, Maryland*. Comments are due by 18 SEP 15.



Legislature convened 6 JAN 15 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

INFRASTRUCTURE REQUIREMENTS FOR 2008 OZONE AND 2010 SO₂ NAAQS USEPA has issued a final rule approving portions of two SIP revisions submitted by the commonwealth of Pennsylvania ([80 FR 46494](#)). The revisions address infrastructure requirements for the 2008 ozone NAAQS and the 2010 sulfur dioxide (SO₂) primary NAAQS. The final rule became effective on 4 SEP 15.

PROPOSED LEGISLATION

SB 979 REGULATIONS GOVERNING UNLAWFUL TAKING AND POSSESSION OF PROTECTED BIRDS SB 979 amends Title 34 (Game) of the Pennsylvania Consolidated Statutes. The bill increases the fine from \$200 to \$2,500 for an offense involving a regulatory violation that results in the killing of a bald eagle or golden eagle. The bill also provides that a violation of the regulations governing the unlawful taking and possession of protected birds under the Bald and Golden Eagle Protection Act is, in addition to other penalties, a summary offense of the first degree. The bill was referred to Game and Fisheries Committee.

PROPOSED RULES

AMENDMENTS TO STATE ENDANGERED SPECIES LIST The Pennsylvania Game Commission has [proposed](#) amendments to 58 PA. Code Chapter 133, related to the classification of mammals. The amendments remove the Delmarva fox squirrel from the state endangered species list and update the common name of the Eastern woodrat to the Allegheny woodrat. Comments are due by 25 SEP 15.

OTHER REGULATORY ACTIVITY

DRAFT NPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM SMALL MS4s The Pennsylvania Department of Environmental Protection (PADEP) has [announced](#) the availability of a draft National Pollutant Discharge Elimination System (NPDES) General Permit (PAG-13) for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4s). PAG-13 provides NPDES permit coverage to existing or proposed regulated small MS4s for discharges of stormwater to surface waters of the commonwealth. The draft PAG-13 includes proposed significant changes in comparison to the existing PAG-13 general permit. The extended comment period closed on 13 AUG 15. **NOTE:** *As the DOD REC for Region 3, the Navy submitted DOD comments on the draft PAG-13.*

SIP REVISION CONTAINING 2011 BASE YEAR EMISSIONS INVENTORY FOR MULTIPLE NONATTAINMENT AREAS PADEP has [requested comment](#) on a proposed SIP revision. The SIP revision contains the comprehensive 2011 base year emissions inventory for multiple nonattainment areas for the 2008 ozone NAAQS. Once finalized the SIP revision will be submitted to USEPA for approval. Comments are due by 21 SEP 15.



Legislature convened 14 JAN 15 and adjourned 27 FEB 15.

FEDERAL ACTIVITY

RICHMOND VOC EMISSIONS CONTROL AREA PROVISIONS USEPA has issued a final rule to approve a SIP revision submitted by the commonwealth of Virginia ([80 FR 46201](#)). The SIP revision contains amendments that apply portable fuel containers, consumer and commercial products, architectural and industrial maintenance coatings, adhesives, adhesive primers, sealants, and sealant primer provisions to the Richmond VOC Emissions Control Area. The SIP revision also applies provisions to Virginia's regulation for existing stationary sources pertaining to mobile equipment repair and refinishing operations in the Richmond VOC Emissions Control Area. The final rule became effective on 3 SEP 15.

NORTHERN VIRGINIA AREA MOVES FROM NONATTAINMENT AREA LIST TO MAINTENANCE AREA LIST USEPA has issued a direct final rule to approve SIP revisions submitted by the commonwealth of Virginia ([80 FR 48730](#)). The revisions move the localities of Northern Virginia from Virginia's list of nonattainment areas to its list of maintenance areas for PM2.5. The localities affected by the revision include the counties of Arlington, Fairfax, Loudon, and Prince William; and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park. Barring adverse comment the direct final rule becomes effective on 13 OCT 15.

FINAL RULES

EMISSION STANDARDS FOR VOCs FROM PETROLEUM LIQUID STORAGE AND TRANSFER OPERATIONS The Virginia Department of Environmental Quality (VDEQ) has issued a [fast-track regulation](#) amending [9VAC5-40](#), *Existing Stationary Sources*. The amendments remove Stage II vapor recovery requirements from the Northern Virginia and Richmond area attainment and maintenance plans. USEPA has determined that onboard refueling vapor recovery is in widespread use throughout the motor vehicle fleet, thus obviating the need to maintain Stage II vapor recovery programs. VDEQ has also [requested comment](#) on a related proposed SIP revision. Comments are due by 23 SEP 15. The fast-track regulation became effective on 30 JUL 15.

PROPOSED RULES

AMENDMENTS TO PESTICIDE APPLICATOR CERTIFICATION REGULATIONS The Virginia Department of Agriculture and Consumer Services has [proposed](#) amendments to [2VAC5-685](#), *Regulations Governing Pesticide Applicator Certification under Authority of Virginia Pesticide Control Act*. The amendments update the regulation and align it with current agency practices by: (1) amending definitions; (2) deleting the requirement that individuals who fail the certification examination must wait a prescribed number of days before retaking the examination; (3) clarifying on-the-job training requirements for prospective applicators; (4) establishing numeric identifiers for existing categories of private applicator certification; and (5) prescribing minimum educational requirements for certified commercial applicators and registered technicians taking board-approved recertification training programs. A public hearing is scheduled for 10 DEC 15, and comments are due by 11 DEC 15.



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

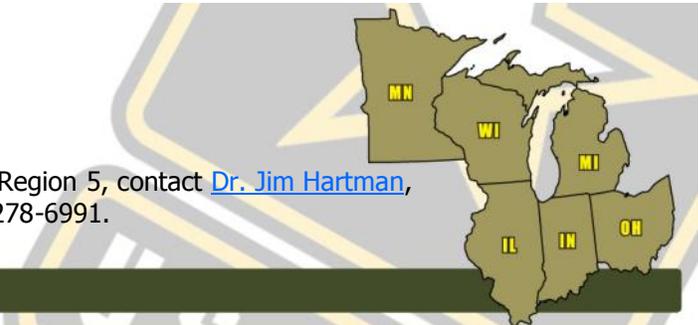
FINAL RULES

AST PROCEEDINGS AND CIVIL PENALTY ASSESSMENT The West Virginia Department of Environmental Protection (WVDEP) has [approved](#) 47CSR65, *Aboveground Storage Tank Administrative Proceedings and Civil Penalty Assessment*. The rule establishes a mechanism for the administrative resolution of violations of the Aboveground Storage Tank (AST) Act and rules through consent orders and agreements as an alternative to instituting civil actions. Granting authority for the WVDEP director to enter into consent agreements that include appropriate penalty calculations and correction action will allow for the timely and effective administrative settlement of AST violations. The rule has been submitted to the Legislative Rule Making Review Committee (LRMRC) for review and approval. If LRMRC approves the rule it will be submitted to the 2016 West Virginia Legislature for approval.

ESTABLISHMENT OF AST REGULATORY PROGRAM WVDEP has [approved](#) 47CSR63, which is a new rule that establishes a regulatory program for ASTs within the state. The AST program will govern the construction, installation, upgrading, use, inspection, maintenance, testing, and closure of ASTs. WVDEP originally proposed the rule in December 2014, but the proposal [expired](#) because it wasn't filed with LRMRC within 90 days of the comment period's conclusion. WVDEP was required to repropose the rule. The rule has been approved by WVDEP and submitted to the LRMRC for review and approval. If LRMRC approves the rule it will be submitted to the 2016 West Virginia Legislature for approval.

Region 5

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



MICHIGAN AND WISCONSIN 2006 PM_{2.5} NAAQS PSD AND VISIBILITY INFRASTRUCTURE SIP REQUIREMENTS USEPA has issued a direct final rule approving elements of SIP submissions from Michigan and Wisconsin regarding infrastructure requirements for the 2006 PM_{2.5} NAAQS ([80 FR 51136](#)). The direct final rule is only taking action on the Prevention of Significant Deterioration (PSD) elements of the Michigan submittal and the visibility element of the Wisconsin submittal. 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. Barring adverse comment the direct final rule becomes effective on 23 OCT 15.

ILLINOIS AND MINNESOTA DETERMINATIONS OF ATTAINMENT FOR 2008 LEAD STANDARD USEPA has issued a direct final rule determining that the Chicago, Ill. and Egan, Minn. nonattainment areas have attained the 2008 lead NAAQS ([80 FR 51127](#)). These determinations of attainment are based upon ambient air monitoring data for the 2012-2014 design period. Additionally, USEPA has suspended the requirements for these areas to submit attainment demonstrations and associated reasonably available control measures (RACM), reasonable further progress (RFP) plans, contingency measures for failure to meet RFP, and attainment deadlines, for as long as the areas continue to attain the 2008 lead NAAQS. This action does not constitute a redesignation of the areas to attainment of the 2008 lead NAAQS. Barring adverse effect the direct final rule becomes effective on 23 OCT 15.



Legislature convened 14 JAN 15 and adjourned 31 MAY 15.

FEDERAL ACTIVITY

DISAPPROVAL OF STATE BOARD INFRASTRUCTURE SIP REQUIREMENTS FOR 2006 PM2.5 AND 2008 OZONE NAAQS

USEPA has issued a final rule disapproving a part of Illinois' SIP submission regarding infrastructure requirements of CAA section 110 for the 2006 PM2.5 and 2008 ozone NAAQS ([80 FR 51730](#)). The final rule pertains specifically to infrastructure requirements concerning state board requirements. The final rule becomes effective on 25 SEP 15.

FINAL LEGISLATION

HB 3341 CLARIFICATION OF STATIONARY SOURCE DEFINITION HB 3341 (Public Act: 99-0380) amends the CAA permit program regulations at 415 ILCS 5/39.5. The bill provides that "stationary source" means any building, structure, facility, or installation that emits or may emit any regulated air pollutant or any pollutant listed under CAA Section 112(b). The bill creates an exemption, from the definition of stationary source, for emissions resulting directly from an internal combustion engine for transportation purposes or from a nonroad engine or nonroad vehicle as defined in CAA Section 216. A notice of the bill's Environment Committee passage was published in the [April 2015 Northern Review](#). The bill was signed by the governor on 17 AUG 15 and became effective upon signature.

SB 1672 AMENDMENTS TO PSD PERMITTING PROGRAM REGULATIONS SB 1672 (Public Act: 99-0463) amends the Environmental Protection Act regarding air pollution control. The bill requires the Illinois Pollution Control Board (IPCB) to adopt rules establishing permit programs for PSD and Nonattainment New Source Review (NA NSR) permits meeting the respective requirements of CAA Sections 165 and 173. The bill also requires the Illinois Environmental Protection Agency (IEPA) to: (1) adopt requirements to implement public participation procedures, which must accompany the processing of applications for PSD permits; and (2) grant or deny any complete permit application submitted to IEPA for a PSD permit no later than one year after the application's filing. The bill stipulates that any issuance or denial of a PSD permit or any conditions imposed therein will be reviewable by IPCB. A notice of the bill's introduction was published in the [March 2015 Northern Review](#). The bill was signed by the governor on 25 AUG 15 and becomes effective on 1 JAN 16.

PROPOSED RULES

CERTIFICATION AND OPERATION OF ENVIRONMENTAL LABORATORIES The Illinois Department of Public Health (IDOH) has [proposed](#) amendments to 77 Ill. Adm. Code 465, *Certification and Operation of Environmental Laboratories*. The amendments would allow laboratories that test drinking water to use additional vendors as proficiency test providers for microbiology drinking water. Laboratories will not be required to use the vendors, but may use a vendor the laboratory determines will best benefit the laboratory operation. Currently, there is only one acceptable testing method and only vendors accredited by the American Association for Laboratory Accreditation may be used. The rulemaking also adds certification for the "TECTA EC/TC Automated Microbiology System" as an alternate test procedure for detecting coliform and E. coli in water samples. Comments are due by 21 SEP 15.



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

PROPOSED RULES

RESTRICTIVE COVENANT REVISIONS TO SOLID WASTE MANAGEMENT REGULATIONS The Indiana Department of Environmental Management (IDEM) has issued a [notice](#) of public hearing for proposed amendments to the solid waste management regulations at 329 IAC 1. The amendments concern requests for restrictive covenant modifications and associated cost recovery measures for specified types of remediation projects. A notice of the proposed amendments was published in the [August 2014 Northern Review](#). The hearing is scheduled for 14 OCT 15.

VOLUNTARY PERFORMANCE BASED LEADERSHIP PROGRAMS IDEM has proposed two separate amendments to the rules at [326 IAC 25](#) and [329 IAC 18](#) concerning the Environmental Stewardship Program (ESP) and the Comprehensive Local Environmental Action Network Community Challenge Programs (CLEAN). These programs are performance-based incentive programs for companies and communities. The CLEAN program requires participants to identify five continuous environmental improvement initiatives for the three year membership term. The amendments reduce the number of incentives to four, and increase the term of membership from three to four years for each program. This rulemaking will also consider eliminating the requirement for members to implement an environmental management system (EMS) for participation in CLEAN. The EMS requirement for ESP will remain in effect. A notice of the amendments consideration was published in the [April 2014 Northern Review](#). Public hearings are scheduled for the [326 IAC 25](#) and [329 IAC 18](#) amendments on 14 OCT 15.

OTHER REGULATORY ACTIVITY

NRP DOCUMENT FOR ACCESS TO THIRD PARTY PROPERTIES BY RESPONSIBLE PARTIES PERFORMING REMEDIATION IDEM has issued a [notice](#) regarding the non-rule policy (NRP) document, [Access to Third Party Properties by Responsible Parties Performing Remediation](#). The NRP describes the process and documentation requirements for a responsible party or program participant who is attempting to access third party properties for the investigation and/or remediation of contamination in soil, groundwater, surface water, sediment and/or indoor air. Comments are due by 27 SEP 15.



Legislature convened 14 JAN 14 and adjourns 31 DEC 15.

FEDERAL ACTIVITY

FINAL AUTHORIZATION OF STATE HAZARDOUS WASTE MANAGEMENT PROGRAM REVISION USEPA has issued a final rule granting final authorization of certain revisions to the Michigan hazardous waste program under the Resource Conservation and Recovery Act (RCRA) ([80 FR 52194](#)). The revisions include changes to the regulations regarding: (1) National Emission Standards for Hazardous Air Pollutants (NESHAP): final standards for hazardous waste combustors; (2) export shipments of spent lead-acid batteries; and (3) hazardous waste technical corrections and clarifications. The authorization became effective on 28 AUG 15.

SIP REVISION ADDRESSING STATE BOARD REQUIREMENTS USEPA has issued a final rule approving a SIP submission made by the state of Michigan ([80 FR 52399](#)). The submission addresses the state board requirements under CAA section 128. The final rule becomes effective on 30 SEP 15.

PROPOSED RULES

SIP FOR SULFUR DIOXIDE The Michigan Department of Environmental Quality (MDEQ) Air Quality Division has [proposed](#) a SIP to address SO₂ in the non-attainment area in Wayne County, Mich. The proposed SIP includes a detailed analysis of contributing sources, a legally enforceable reduction strategy, and the expected change in the SO₂ impact. A public hearing is scheduled by 23 SEP 15 and comments are due by 5 OCT 15.

OTHER REGULATORY ACTIVITY

DRAFT NONPOINT SOURCE PROGRAM PLAN MDEQ's Water Resources Division has [requested comment](#) on the updated [Nonpoint Source Program Plan](#). The federal Clean Water Act (CWA) requires each state to develop a management plan to address nonpoint source pollution and update it routinely. The plan includes long and short term goals to restore impaired waters and protect high quality waters from nonpoint source pollutants and causes of impairment. Comments are due by 18 SEP 15.



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

PROPOSED RULES

AMENDMENTS TO HEALTH RISK LIMITS FOR GROUNDWATER The Minnesota Department of Health (MDH) has [proposed](#) amendments to the health risk limits (HRLs) for groundwater, Minnesota Rules, Chapter 4717, Part 7500, Part 7850, Part 7860, and Part 7865. The proposed amendments add or replace HRL values with guidance values developed by MDH between 2012 and 2014. The amendments also add health-based guidance values for eight chemicals that have not been in the HRL rules for groundwater previously. Comments are due by 1 OCT 15.

OTHER REGULATORY ACTIVITY

DRAFT CHLORIDE MANAGEMENT PLAN AND TMDL FOR TWIN CITIES METROPOLITAN AREA The Minnesota Pollution Control Agency (MPCA) has [released](#) the draft Chloride Management Plan (CMP) and TMDL for the Twin Cities Metropolitan Area (TCMA). The TCMA includes 186 cities and townships and covers approximately 3,000 square miles with about one-third in urbanized areas. MPCA and stakeholders worked together to develop a plan to achieve the TCMA chloride TMDL that includes 37 chloride impairments. The CMP incorporates water quality assessment, source identification, implementation strategies, monitoring recommendations, and measurement and tracking of results into a performance-based adaptive approach for TCMA. The comment period closed on 2 SEP 15.



Legislature convened 5 JAN 15 and adjourns 31 DEC 15.

FINAL RULES

AMENDMENTS TO BENEFICIAL USE DESIGNATION RULES The Ohio Environmental Protection Agency (OEPA) has [adopted](#) amendments to five rules that address beneficial use designations. The OAC rules affected are: (1) 3745-1-14 - *Ashtabula River*; (2) 3745-1-15 - *Little Beaver Creek*; (3) 3745-1-16 - *Southeast Ohio tributaries*; (4) 3745-1-18 - *Little Miami River*; and (5) 3745-1-27 - *Black River*. OEPA is required by state and federal law to periodically update rules to reflect the latest scientific information. OEPA has also provided a [fact sheet](#). A notice of the proposed amendments was published in the [July 2015 Northern Review](#). The amendments become effective on 30 NOV 15.

PROPOSED RULES

AMENDMENTS TO OPEN BURNING RULES OEPA has proposed amendments to the Ohio Administrative Code (OAC) rules [3745-19-03](#) and [3745-19-04](#), [Open Burning in Restricted and Unrestricted Areas](#). The amendments add clarifying language to confirm that prairie and grassland management and management of invasive species are recognized, permissible reasons for conducting open burning. A notice of the drafted amendments was published in the [May 2015 Northern Review](#). Comments are due by 30 SEP 15.



Legislature convened 7 JAN 15 and adjourns 31 DEC 15.

PROPOSED LEGISLATION

SB 239 AMENDMENTS TO HIGH CAPACITY WELL REGULATIONS SB 239 amends the regulations governing replacement, reconstruction, and transfer of an approved high capacity well. Current law requires a person to obtain approval from the Wisconsin Department of Natural Resources (WDNR) before constructing or operating a high capacity well. A high capacity well, together with all other wells on the same property, has the capacity to withdraw more than 100,000 gallons of water per day. The bill provides that no additional approval is needed for the owner of an approved high capacity well to: (1) repair or maintain the well; (2) construct a replacement high capacity well of substantially the same depth within a 75-foot radius of the existing high capacity well; (3) reconstruct the existing high capacity well; or (4) transfer the approval at the same time as the owner transfers the land on which the approved high capacity well is located. No additional fee is required for any of these actions, but the owner of the existing approved high capacity well must notify WDNR of any replacement, reconstruction, or transfer. The bill was referred to the Agriculture, Small Business, and Tourism Committee.

SB 243 AMENDMENTS TO WELL STANDARDS SB 243 provides that a well of any capacity used primarily for fire protection purposes or to provide water to a single-family or multifamily residence located on the same property is not considered a high capacity well. The bill also provides that an existing residential well or fire protection well is not included in the 100,000 gallon-per-day threshold when determining whether a new well on the same property is a high capacity well. By changing this designation, these wells will not be subject to the approval requirements and fees that apply to high capacity wells. The bill was referred to the Natural Resources and Energy Committee.

Department of Defense Activity

2015 REPI CHALLENGE WINNERS ANNOUNCED The DOD Readiness and Environmental Protection Integration (REPI) Program has [announced](#) the 2015 REPI Challenge award recipients: (1) Fort Benning / Fort Stewart, Ga.; (2) Naval Air Station (NAS) Fallon, Nev.; and (3) the Naval Shipyard (NSY) Portsmouth Survival, Evasion, Resistance, and Escape (SERE) School, Maine. The REPI Program designed the REPI Challenge to protect large parcels of land and leverage greater partner cost-share to better benefit the military, the taxpayer, and the environment. The three winners will leverage \$6.2 million in REPI Challenge funding with over \$21 million in other funding to protect 28,050 acres.

USACE FLOOD CONTROL GUIDANCE The U.S. Army Corps of Engineers (USACE) released [updated guidance](#) for providing in-kind credit for certain water resource development projects ([80 FR 52258](#)). The updates provide guidance on the implementation of the in-kind contribution credit provisions of [section 221\(a\)\(4\) of the Flood Control Act of 1970](#), as further amended by section 1018 of the [Water Resources Reform and Development Act of 2014](#). It applies to all

headquarters USACE elements, major subordinate commands, and district commands having civil works responsibility. Section 221 is a comprehensive authority that addresses the affording of credit for the value of in-kind contributions provided by a non-federal sponsor toward its required cost share (with exclusions) if those in-kind contributions are determined to be integral to a study or project. Comments are due 28 SEP 15.

DODI: EXPLOSIVE HAZARD DOD has reissued DOD Instruction (DODI) [4140.62](#), *Material Potentially Presenting an Explosive Hazard* (MPPEH). The DODI establishes policy and assigns responsibilities for the management and disposition of MPPEH, material documented as an explosive hazard (MDEH), and material documented as safe (MDAS). The DODI was reissued on 20 AUG 15.

DODM: AUDIT MANUAL DOD has reissued DOD Manual (DODM) [7600.07](#), *DOD Audit Manual*. The DODM implements policy, assigns responsibilities, and provides procedures for DOD audit organizations in compliance with federal standards. It is policy that states that adequate coverage of all DOD organizations, programs, activities, and functions will be provided as an integral part of the DOD internal control system. The DODM was reissued on 3 AUG 15.

Federal Activity

AIR

COURT DELAYS BACKUP GENERATOR EMISSIONS RULING UNTIL MAY 2016 The U.S. Court of Appeals for the District of Columbia has granted an USEPA motion regarding an emergency demand-response program regulatory exemption. The ruling delays, until 1 MAY 16, the implementation of the [1 MAY 15 ruling](#) that vacated a regulatory exemption that allows backup generators to operate up to a 100 hours per year without emissions controls. When the exemption is vacated, engines operating under the demand-response program will no longer qualify as emergency engines under USEPA regulations, and will therefore be subject to certain pollution control requirements. USEPA argued that the delay was needed to ensure grid reliability and give engine operators time to install pollution controls. A notice of the 1 MAY 15 court ruling was published in the [June 2015 Northern Review](#).

PREVENTION OF SIGNIFICANT DETERIORATION AND TITLE V PERMITTING FOR GREENHOUSE GASES USEPA has issued a final rule amending its PSD and Title V regulations ([80 FR 50199](#)). The amendments remove, from the Code of Federal Regulations, portions of those regulations initially promulgated in 2010, which the Court of Appeals for the DC Circuit specifically identified as vacated in the 10 APR 15 amended judgment, *Coalition for Responsible Regulation v. EPA*. The final rule became effective on 19 AUG 15.

METHANE EMISSIONS FROM MUNICIPAL SOLID WASTE LANDFILLS USEPA has issued two proposals that require new, modified, and existing landfills to collect and control landfill gas at emission levels nearly a third lower than current requirements. ([80 FR 52099](#) and [80 FR 52162](#)). Municipal solid waste landfills (MSWs) are the third-largest source of human-related methane emissions in the U.S., accounting for 18% of methane emissions in 2013. Combined, the proposed rules are expected to reduce methane emissions by an estimated 487,000 tons a year beginning in 2025. For more information, click [here](#) to view proposed rules and associated fact sheets. Comments on both proposals are due 26 OCT 15.

INTERSTATE OZONE TRANSPORT MODELING DATA USEPA has released interstate ozone transport modeling and associated data and methods ([80 FR 46271](#)). The data and methods will be used to inform a rulemaking that USEPA is developing and expects to release later this year to address interstate ozone transport for the 2008 ozone NAAQS.

ATTAINMENT DESIGNATIONS: 2008 OZONE NAAQS USEPA has issued a proposed rule regarding three separate and independent determinations related to 36 areas that are currently classified as marginal for the 2008 ozone NAAQS ([80 FR 51992](#)). First, USEPA has proposed to determine that 17 areas attained the 2008 ozone NAAQS by the applicable attainment date of 20 JUL 15, based on ozone monitoring data for 2012-2014. Second, USEPA has proposed to grant one-year attainment date extensions for eight areas on the basis that the requirements for such extensions have been met. Finally, USEPA has proposed to reclassify 11 areas as moderate for the 2008 ozone NAAQS.

CLIMATE CHANGE

USEPA NATIONAL WATER PROGRAM CLIMATE ADAPTATION TOOLS USEPA has published a handout, [National Water Program Climate Adaptation Tools](#), which lists and summarizes the tools developed by USEPA's National Water Program for state, tribal, and local governments and others to adapt their clean water and drinking water programs to a changing climate. Additional information can be found [here](#).

CLIMATE TRACKER WEBSITE The Sabin Center of Climate Change Law has updated its [Regulatory Tracker](#) guide. The website is a comprehensive resource, compiling in one place and providing links to the federal government's climate change-related rules and regulations.

STATE OF THE CLIMATE IN 2014 The American Meteorological Society has [published](#) the *State of the Climate in 2014*. The report states that most essential indicators of Earth's changing climate continued to reflect trends of a warming planet, with several markers such as rising land and ocean temperature, sea levels, and GHG emissions setting new records. The report provides detailed summaries of climatic changes by region.

ENERGY

PRESIDENT OBAMA ANNOUNCES NEW ENERGY EFFICIENCY AND RENEWABLE ENERGY ACTIONS As a part of the 25 AUG 15 National Clean Energy Summit, President Obama announced an [extensive set of executive actions](#). The White House also posted an [announcement](#) about modernizing electric transmission infrastructure. The administration announced new investments in the next generation of power transmission and smart grid technology in 13 states and executive actions to streamline the permitting process. For more information, click [here](#).

NATURAL RESOURCES

DESIGNATING EXPERIMENTAL POPULATIONS The National Marine Fisheries Service (NMFS) has issued a proposed rule to establish requirements for designating experimental populations of threatened or endangered species under its jurisdiction ([80 FR 45924](#)). The proposed rule establishes definitions and procedures for establishing and/or designating certain populations of listed species as experimental populations; determining whether experimental populations are essential or nonessential; and promulgating appropriate protective measures for experimental populations.

STATUS REVIEW OF SMOOTH HAMMERHEAD SHARK NMFS has announced it is conducting a status review of the [smooth hammerhead shark](#) to determine whether listing of the species or any of its distinct population segments (DPSs) is warranted ([80 FR 48053](#)). The review is in response to a [petition to list](#) the species on its own right or due to its similarity to listed scalloped hammerhead shark populations and to designate critical habitat. The petition identified five populations that may qualify for protection as DPSs: Northeast Atlantic and Mediterranean Sea, Northwest Atlantic, Southwest Atlantic, Eastern Pacific, and Indo-West Pacific.

STATUS REVIEW OF BIGEYE THRESHER SHARK NMFS has announced it is conducting a status review of the [bigeye thresher shark](#) to determine whether listing of the species or any of its DPSs is warranted ([80 FR 48061](#)). This action is being taken in response to a [petition to list](#) the species or its DPSs and to designate critical habitat. The species is found throughout the world in tropical and temperate seas.

HAZARDOUS MATERIALS

PESTICIDE APPLICATOR CERTIFICATION USEPA has issued a proposed rule amending regulations concerning the certification of applicators of restricted use pesticides ([80 FR 51355](#)). The proposed amendments: (1) will improve the competency of certified applicators; (2) increase protection for noncertified applicators operating under the direct supervision of a certified applicator through enhanced pesticide safety training and standards for supervision of noncertified applicators; and (3) establish a minimum age requirement for certified and noncertified applicators. Comments are due 23 NOV 15.

OCCUPATIONAL EXPOSURE TO BERYLLIUM AND BERYLLIUM COMPOUNDS The Occupational Safety and Health Administration (OSHA) has issued a proposed rule to amend its existing exposure limits for occupational exposure in general industry to beryllium and beryllium compounds and to promulgate a substance-specific standard for general industry regulating occupational exposure to beryllium and beryllium compounds ([80 FR 47565](#)). OSHA has proposed a new permissible exposure limit (PEL) and ancillary provisions for employee protection such as methods for controlling exposure, respiratory protection, medical surveillance, hazard communication, and recordkeeping. Beryllium oxide is used in components such as ceramics, electrical insulators, microwave oven components, military vehicle armor, laser structural components, and automotive ignition systems. High content and low content beryllium alloys are precision machined for military and aerospace applications. Some welding consumables are also manufactured using beryllium.

TCE IN CONSUMER PRODUCTS USEPA has issued a proposed significant new use rule (SNUR) for trichloroethylene (TCE) to restrict or phase out the chemical in consumer products ([80 FR 47441](#)). The proposed significant new use is manufacture or processing for use in a consumer product, with a proposed exception for use of TCE in cleaners and solvent degreasers, film cleaners, hoof polishes, lubricants, mirror edge sealants, and pepper spray.

WASTE

SW-846 UPDATE USEPA has published Final Update V to the third edition of the manual, [Test Methods for Evaluating Solid Waste, Physical and Chemical Methods](#), commonly referred to as SW-846 ([80 FR 48522](#)). The final update contains analytical methods, of which eight are new and 15 are revised. The methods in Update V may be used in monitoring or complying with RCRA hazardous waste regulations. In addition, the agency is finalizing revisions to chapters one through five of SW-846 and an Office of Resource Conservation and Recovery (ORCR) policy statement in the SW-846 methods compendium. The update is being issued as guidance because changes to analytical methods are not required by RCRA hazardous waste regulations. The update was published 4 AUG 15.

FEDERAL AGENCY HAZARDOUS WASTE COMPLIANCE DOCKET USEPA has updated its *Federal Agency Hazardous Waste Compliance Docket*, which is used to identify federal facilities that should be evaluated to determine if they pose a threat to public health or welfare and the environment ([80 FR 49223](#)). The update includes 21 additions, and 90 deletions. The total number of facilities listed on the docket is 2,323. The docket identifies certain federally operated facilities that generate and/or manage hazardous waste above specific amounts and those facilities that had a reportable quantity spill. The list is current as of 13 JUL 15.

WATER

DRINKING WATER PROTECTION ACT The Drinking Water Protection Act, [Public Law 114-45](#), amending the Safe Drinking Water Act, has been enacted. The new law requires USEPA to develop a strategic plan for assessing and managing risks associated with algal and cyanobacterial toxins in public drinking water systems. In the context of public drinking water systems, USEPA is tasked to: (1) evaluate the risk to human health from algal toxins; (2) publish and update a comprehensive list of algal toxins that may have an adverse effect on human health; (3) summarize the known adverse human health effects of the listed algal toxins; (4) identify factors that cause toxin-producing cyanobacteria and algae to

proliferate and to express toxins; (5) determine whether to publish health advisories for such algal toxins in drinking water; (6) establish guidance regarding feasible analytical methods and frequency of monitoring; and (7) recommend feasible treatment options and source water protection practices. The strategic plan is due to congress in November 2015. Ultimately, implementation of the Drinking Water Protection Act may lead to additional sample analysis for public drinking water systems using surface water or open storage.

2014 EFFLUENT GUIDELINES PROGRAM PLAN AND REPORT USEPA has released the Final 2014 Effluent Guidelines Program Plan and 2014 Annual Effluent Guidelines Review Report ([80 FR 46280](#)). The plan identifies new or existing industrial categories selected for effluent guidelines and provides a schedule. The report provides detailed information about its 2014 annual review of industrial wastewater discharges. Section 304(m) of the Clean Water Act (CWA) requires USEPA to biennially publish a plan for new and revised effluent guidelines. The plan and report are available on USEPA's [website](#).

WATER QUALITY STANDARDS USEPA has issued a final rule that updates the federal water quality standards (WQS) regulation to provide a better-defined pathway for states and authorized tribes to improve water quality and protect high quality waters ([80 FR 51019](#)). The final rule revises six program areas to improve the WQS regulation's effectiveness, increase transparency, and enhance opportunities for meaningful public engagement at the state, tribal, and local levels. This final rule is effective 20 OCT 15.

Professional Development

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

TRAINING - ONLINE

(NEW) 16-18 SEP, ONLINE: [WATERS OF THE UNITED STATES](#) This six-hour webinar will review and explain changes, clarifications and potential challenges to these regulations. Discussions will cover how the regulations affect various regulatory programs. This webinar will be presented in three two-hour sessions. Sessions will be recorded and made available to all enrolled attendees. Paid registrants will receive a certificate of completion of 0.6 CEUs. Group discounts are available.

(NEW) 29 SEP-1 OCT, ARLINGTON, VA: [DOE NATIONAL CLEANUP WORKSHOP](#) Join senior DOE executives, officials from DOE sites, industry executives, and other stakeholders to discuss the progress DOE Office of Environmental Management is making to address the environmental legacy of the Manhattan Project and Cold War-era U.S. nuclear weapons program. Topics include major cleanup successes planned over the next two years, improving contract and project management, efforts to develop new cleanup technologies, and more.

(NEW) 11-14 OCT, NEW YORK, NY: [AMERICAN SOCIETY OF CIVIL ENGINEERS \(ASCE\) CONVENTION](#) Join civil engineering professionals to network with peers, earn professional development hours, and expand knowledge. Topics addressed include the state of the industry and profession; professional, leadership, technical training; cross-discipline technical projects; causes, effects, and mitigation of natural and man-made catastrophes; ASCE strategic issues and public policy; and significant projects.

(NEW) 27-28 OCT, FORT BELVOIR, VA: [DLA BUYING GREEN WORKSHOP](#) Defense Logistics Agency Environmental Management is hosting and covering the cost of this workshop at the McNamara Complex at Fort Belvoir. To register or ask questions about the workshop, please email [Gail Carter](#), contractor support for DLA Sustainability Program, or call (703) 767-1510. Register by 6 OCT 15.

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

- 29 SEP 15: UV Disinfections Systems: Treatment of Groundwater for Small/Medium Sized Water Utilities
- 27 OCT 15: Decentralized High-Rate Wastewater Treatment of Peak Wet Weather Flows
- 24 NOV 15: Treatability Databases, Cost Models, and other Tools for Water Systems
- 15 DEC 15: Reduction of Lead in Drinking Water

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

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

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

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

[FEMP TRAINING SEARCH TOOL](#) The Federal Energy Management Program (FEMP) has launched FEMP Training Search, a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The new search tool provides options to easily find and select training offerings by topic area, topic series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

[SERDP AND ESTCP WEBINAR SERIES](#) The DOD environmental research and development funding programs SERDP and ESTCP are launching a webinar series to promote the transfer of innovative, cost-effective, and sustainable solutions developed using SERDP and ESTCP funding. Live webinars are offered every two weeks on Thursdays from 12:00 p.m. Eastern for 90 minutes. Most webinars feature two 30-minute presentations and interactive question and answer sessions, on topics targeted for DOD and USDOE audiences.

[AIR FORCE INSTITUTE OF TECHNOLOGY \(AFIT\) TRAINING COURSE, QUALIFIED RECYCLING PROGRAM MANAGEMENT](#)

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

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

[CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES](#) The National Climate Change and Wildlife Science Center is partnering with the National Conservation Training Center to offer the webinar series to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife, and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

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

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

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

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

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

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

[FEDERAL FACILITIES ENVIRONMENTAL STEWARDSHIP AND COMPLIANCE ASSISTANCE CENTER](#) FedCenter.gov is the federal government's home for comprehensive environmental stewardship, compliance assistance, and professional

development information. FedCenter.gov provides a wide variety of information in the following areas: program development; federal and state regulatory requirements for various facility activities; regulatory watch for information on new or changed laws or regulations; pollution prevention (P2) opportunities and best management practices; USEPA enforcement notices; links to state environmental programs; access to environmental assistance; environmental conferences, meetings, training, and workshop information; applicable laws and Executive Orders; and industry sector-specific newsletters.

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

USACE PROSPECT TRAINING U.S. Army Corps of Engineers (USACE) announces course availability for the FY16 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to all federal, state, county and city employees and contractors. There are different registration processes for each entity. Please refer to the [Course Catalog](#) and [List of Classes and schedule](#) for details. Environmental courses include: Environmental Regulations Practical Application Course (Course Control Number (CCN) 398); CERCLA/RCRA Process (CCN 356); Hazardous Waste Manifesting & DOT Certification (CCN 223); Hazardous Waste Manifesting 16-Hour DOT Recertification Course (CCN 429); Radioactive Waste Transport (CCN 441); Hazardous/Toxic and Radioactive Waste Construction Inspection (CCN 141); Environmental Remediation Technologies (CCN 395); and Environmental Laws and Regulations (CCN 170).

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

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

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

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

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

Staff Directory

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

How the Regional Offices Work for You

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations. The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to assure that DOD and Services' interests are protected.

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

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