



Northern Review

of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

July 2017

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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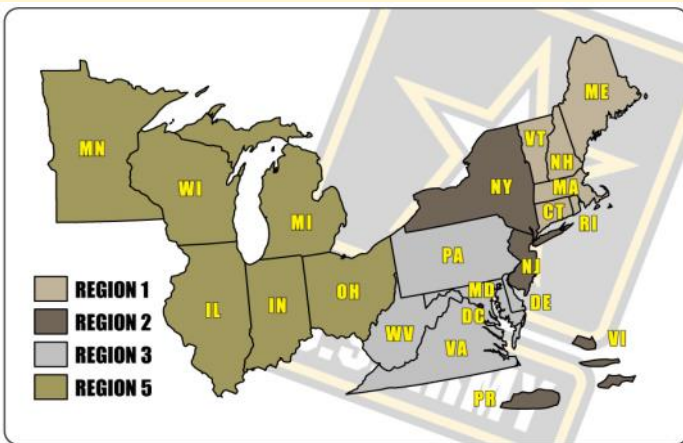


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STATE SUPPORT FOR DEFENSE INSTALLATIONS

The Association of Defense Communities (ADC) reports that states have responded to the looming threats to military installations posed by DOD budget constraints and the prospect of a new Base Realignment and Closure (BRAC) round by increasing support to retain and promote local bases.

According to the ADC report, [State of Support 2017](#), establishment of state military affairs organizations peaked in 2015 when five states formed offices to focus on preserving their defense presence. No new organizations were created in 2016. Still, almost half of the organizations participating in the survey are new since 2011.

States' recent interest in creating military affairs organizations — which focus on base retention, mission enhancement, and development of the defense sector — comes as Defense Department support for military infrastructure has waned due to stringent spending caps mandated under the 2011 Budget Control Act. "At the same time," ADC reports, "DOD has urged Congress to approve a new round of base closures every year since 2012, forcing states to re-examine their level of support for military installations in an attempt to stave off the possibility of losing the economic contribution of defense facilities and enhance their prospect for picking up new missions following a base closure round."

In its survey, ADC says states' top concern for 2017 was the uncertainty of funding levels for the Pentagon in fiscal 2017 and 2018. The second leading concern was BRAC.

To date, 35 states have military affairs organizations. The ADC 2017 survey is based on responses from 31 states. In the REEO-N area of operations, military affairs organizations from Connecticut, Indiana, Maryland, Michigan, New Jersey, Pennsylvania, Rhode Island, and Virginia responded to the ADC survey.

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: 4 JAN THROUGH 30 JUN, SINE DIE

PROPOSED RULES

OCCUPATIONAL EXPOSURE TO BERYLLIUM. The Connecticut Department of Labor has [proposed](#) amendments to [Section 31-372-101-1910](#), *Safety and health standards for general industry*. The amendments adopt, by reference, updated federal occupational safety and health standards regarding general industry standards on occupational exposure to beryllium. A public hearing is scheduled for 17 JUL 17 and comments are due the same day.



Maine

LEGISLATIVE SESSION: 7 DEC 16 THROUGH 14 JUL 17 (EST), SINE DIE

FEDERAL ACTIVITY

SIP REVISION ADDRESSING NEW STATE MOTOR VEHICLE EMISSION STANDARDS. EPA has issued a proposed rule to approve a State Implementation Plan (SIP) revision submitted by the state of Maine ([82 FR 28611](#)). The SIP revision includes Maine's amended regulation for new motor vehicle emission standards. Maine has updated its rule to be consistent with various updates made to California's low emission vehicle (LEV) program. Maine has adopted these revisions to reduce emissions of volatile organic compounds (VOC) and nitrogen oxides (NO_x) in accordance with the Clean Air Act (CAA) requirement, as well as to reduce greenhouse gases (GHG). Comments are due by 24 JUL 17.

OTHER REGULATORY ACTIVITY

DRAFT 2018 ANNUAL AIR MONITORING PLAN. The Maine Department of Environmental Protection (MDEP) has released the draft [2018 Annual Air Monitoring Plan](#). MDEP is required by federal monitoring regulations and grant requirements to annually develop an air monitoring network description plan for the next calendar year. The comment period closed on 30 JUN 17.

DRAFT PROTOCOL FOR OFF-SITE USE OF SURPLUS SOIL CONTAMINATED WITH VIRGIN PETROLEUM. MDEP has [requested public comment](#) on a draft document, [Protocol for the Off-site Use of Surplus Soil that is Contaminated with Virgin Petroleum](#). The draft protocol provides clear and consistent guidance, in conformance with existing statute and rules, concerning requirements for the off-site use of virgin petroleum contaminated soils from MDEP supervised tank removal and remedial sites. Comments are due by 24 JUL 17.



LEGISLATIVE SESSION: 4 JAN THROUGH 31 DEC (EST)

PROPOSED LEGISLATION

SB 472 COMPREHENSIVE ADAPTATION MANAGEMENT PLAN IN RESPONSE TO CLIMATE CHANGE. SB 472 requires the Massachusetts Secretary of Energy and Environmental Affairs and the Secretary of Public Safety and Security, in consultation with appropriate secretariats, to develop, draft, adopt, and revise at least once every 10 years a comprehensive adaptation management action plan. The plan will encourage and provide guidance to state agencies, state authorities, and regional planning agencies to proactively address the consequences of climate change. The bill also establishes: (1) required plan components; (2) timelines for the plan’s development and future updates; (3) a Comprehensive Adaptation Management Action Plan advisory commission to assist with the development of the plan; and (4) commission membership, responsibilities, and reporting requirements. The bill was referred to the Senate Global Warming and Climate Change Committee.



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

PROPOSED RULES

STANDARDS APPLICABLE TO CERTAIN NEW OR MODIFIED FACILITIES AND SOURCES OF HAZARDOUS AIR POLLUTANTS. The New Hampshire Department of Environmental Services (NHDES) has [proposed](#) (page 15) to readopt, with amendments, Env-A 500, *Standards Applicable to Certain New or Modified Facilities and Sources of Hazardous Air Pollutants*. The rule incorporates by reference federal new source performance standards (NSPS), national emission standards for hazardous air pollutants (NESHAP), and NESHAP for specific source categories (also referred to as maximum achievable control technology, or MACT, standards). The amendments include: (1) updating the edition of the Code of Federal Regulations (CFR) referenced in the rule from 1 JUL 14 to 1 JUL 16; (2) accepting delegation and partial delegation of certain federal requirements by adding specific references; and (3) adopting a new rule, Env-A 506, in anticipation of accepting delegation of new federal requirements, codified at 40 CFR 62, *Approval and Promulgation of State Plans for Designated Facilities and Pollutants*. Most of Env-A 500 is scheduled to expire on 23 JAN 18. The comment period closed on 7 JUL 17.

PRIMARY CONTAINMENT SYSTEM TESTING OF DIESEL FUEL UNDERGROUND STORAGE TANK (UST) SYSTEMS. NHDES has [proposed](#) (page 6) to readopt with amendments Env-Or 406.24, *Test Methods for Primary Containment System Testing of Diesel Fuel UST Systems*. In 2013, NHDES adopted Env-Or 406.24, which required owners of UST systems storing motor fuels to test the primary containment system for tightness no later than 22 DEC 17 and triennially thereafter, using a listed applicable test method. The allowable methods for UST systems storing diesel fuel did not include the pressure decay test. NHDES adopted an emergency rule, effective 17 APR 17, allowing pressure decay testing for UST systems storing diesel fuel. The proposed amendments permanently codify the existing emergency rule and validate any pressure decay testing done on or after 15 APR 16. The comment period closed on 14 JUL 17.



LEGISLATIVE SESSION: 4 JAN THROUGH 23 OCT (EST), SINE DIE

FEDERAL ACTIVITY

CROSS-MEDIA ELECTRONIC REPORTING APPROVED FOR MULTIPLE EPA-AUTHORIZED PROGRAMS. EPA has approved the state of Vermont's request to revise its EPA-approved programs under title 40 CFR to allow new electronic reporting ([82 FR 26680](#)). Multiple EPA-authorized air, water, hazardous waste, and UST programs have been approved for electronic reporting. Barring a request for a public hearing the state National Primary Drinking Water Regulations Implementation program became effective on 10 JUL 17. For all other programs the approval became effective on 8 JUN 17.

SIP REVISIONS FOR MULTIPLE INFRASTRUCTURE REQUIREMENTS. EPA has issued a final rule approving elements of SIP revisions submitted by the state of Vermont ([82 FR 29005](#)). The SIP revisions address CAA infrastructure requirements for the 1997 fine particle matter (PM_{2.5}), 1997 ozone, 2006 PM_{2.5}, 2008 lead, 2008 ozone, 2010 nitrogen dioxide (NO₂), and 2010 sulfur dioxide (SO₂) National Ambient Air Quality Standards (NAAQS). EPA has also: (1) approved two statutes and one Executive Order submitted by Vermont in support of its demonstration that the CAA infrastructure requirements have been met; (2) conditionally approved certain elements of the state's submittals relating to prevention of significant deterioration (PSD) requirements; and (3) updated the priority classification for two of Vermont's air quality control regions for SO₂ based on recent air quality monitoring data collected by the state, which means that a contingency plan for SO₂ is not required. The final rule becomes effective on 27 JUL 17.

FINAL LEGISLATION

SB 10 LIABILITY FOR PFOA CONTAMINATION OF POTABLE WATER SUPPLIES. SB 10 (Public Act: 55) establishes that a person who releases perfluorooctanoic acid (PFOA) into the air, groundwater, surface water, or onto the land may be found liable for certain costs. The bill states that if the Vermont Agency of Natural Resources (VANR) determines that a property, served by a potable water supply, has been or is likely to be contaminated with PFOA, then the person who is responsible for the PFOA contamination is liable for the costs of extending access to a municipal water line to the property. A notice of the bill's introduction was published in the February 2017 *Northern Review*. The bill was signed by the governor on 2 JUN 17 and became effective upon signature.

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.



LEGISLATIVE SESSION: 10 JAN 17 THROUGH 9 JAN 18

PROPOSED LEGISLATION

AB 4880 (SB 3351) LIMITATIONS ON DIRECT OVERSIGHT OF REMEDIATION OF CONTAMINATED SITES. AB 4880 amends a section of the *Site Remediation Reform Act* (SRRA) pertaining to the authority of the New Jersey Department of Environmental Protection (NJDEP) to take direct oversight of remediation of a contaminated site. The bill provides that when NJDEP takes direct oversight, it is prohibited from doing so for a portion of the site for which a remedial action

work plan and any amendments have met certain criteria. The bill passed the Assembly and was referred to the Senate Environment and Energy Committee.

AB 4968 (SB 2712) PROHIBITION OF DUMPING DREDGE SPOILS ON AND AROUND CERTAIN ISLANDS. AB 4968 prohibits dumping dredge spoils on and around certain islands without municipal approval. Specifically, the bill prohibits NJDEP from approving any dumping of dredge spoils on any portion of a Delaware River island owned or controlled by the state or a political subdivision of the state, including riparian land. The provisions of the bill are applicable to all dumping of dredge spoils, including any proposed dumping on an existing dredge spoil bank. The bill was referred to the Environment and Solid Waste Committee.

PROPOSED RULES

AMENDMENTS TO RULES GOVERNING WELLS AND INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEMS. NJDEP has [proposed](#) amendments to the rules governing well drilling materials, methods, and technologies. The amendments update the rules and include changes to reflect the increasing use of green energy systems, such as closed loop geothermal systems. NJDEP has also proposed amendments to: (1) implement provisions that mandate the establishment of a continuing education program for all licensed well drillers and pump installers; (2) update enforcement provisions to address industry concerns, including increased oversight of individuals who are in violation, and to clarify the procedures by which NJDEP can suspend or revoke a license; and (3) N.J.A.C. 7:9A, *Standards for Individual Subsurface Sewage Disposal Systems*, which govern the proper location, design, construction, installation, alteration, repair, and operation of individual subsurface sewage disposal systems, for consistency with the new requirements for well design. A public hearing is scheduled for 10 AUG 17 and comments are due by 18 AUG 17.



LEGISLATIVE SESSION: 4 JAN THROUGH 31 DEC (EST)

PROPOSED LEGISLATION

AB 1001 (SB 6224) NOTIFICATION REQUIREMENTS FOR RELEASE OF HAZARDOUS SUBSTANCES. AB 1001 amends the environmental conservation law, in relation to notification of the release of hazardous substances. Specifically, the bill makes it illegal for any person to fail to notify the New York State Department of Environmental Conservation (NYSDEC), within two hours, of any release of a reportable quantity of a hazardous substance. The bill was referred to the Rules Committee.

AB 1013 (SB 4168) FOOD SERVICE WASTE REDUCTION ACT. AB 1013 amends the environmental conservation law, in relation to food service waste reduction. The bill prohibits the use of polystyrene foam by contractors and lessees who deal with the state through state and municipal contracts. The bill also requires NYSDEC to conduct a study on the desirability, feasibility, and environmental impact of a statewide ban on the use of disposable Styrofoam food service ware. The bill was reported out of the Rules Committee and ordered to a third reading.

AB 8153 ESTABLISHMENT OF MARINE MAMMAL AND SEA TURTLE PROTECTION AREA. AB 8153 bill designates a specific area around Plum Island, Great Gull Island, and Little Gull Island as a Marine Mammal and Sea Turtle Protection Area. The bill also: (1) authorizes NYSDEC to adopt regulations preventing the harassment and providing for the protection of marine mammals and sea turtles; and (2) establishes a Marine Mammal and Sea Turtle Protection Area Advisory Committee. The bill passed the Assembly and was referred to the Senate Rules Committee.

AB 8270 (SB 6617) CLIMATE AND COMMUNITY PROTECTION ACT. The bill enacts the *New York State Climate and Community Protection Act* to address and mitigate the impacts of climate change in New York. The bill requires multiple actions from NYSDEC, including establishing: (1) GHG reporting requirements; (2) statewide GHG emissions limits; (3) developing a scoping plan for how to attain the statewide GHG emissions limits; (4) regulations to achieve statewide

GHG emissions reductions; (5) reports including recommendations regarding the implementation of GHG reduction measures; (6) actions to promote adaptation and resilience; and (7) requirements for state agencies to assess, when issuing permits, licenses, or other administrative approvals and decisions, whether such decisions would be inconsistent with the attainment of the statewide GHG emission limits. The bill passed the Assembly and was referred to the Senate Rules Committee.

AB 1366 (SB 1866) NOTIFICATION REQUIREMENTS FOR DEVELOPMENT IN WETLAND AREAS. AB 1366 requires an applicant who intends to develop in wetland areas to mail notice to neighboring landowners, within 1000 feet, of the proposed activity. The bill applies to proposed development activities within a city of a population of one million or more. The bill also requires a public hearing on a wetland application under certain circumstances. The bill passed the Assembly and was referred to the Senate Environmental Conservation Committee.

SB 5912 (AB 8470) RESTRICTIONS ON USE OF EMERGENCY RULEMAKINGS. SB 5912 amends the *State Administrative Procedure Act* (SAPA), in relation to the use of emergency rulemaking. The amendments constrict the timeframe an agency can promulgate a single regulation as an emergency, and the circumstances surrounding the need for emergency rulemaking action by a state agency. The bill passed the Senate and was referred to the Governmental Operations Committee.

FINAL RULES

EMERGENCY RULE REQUIRING LEAD TESTING OF SCHOOL DRINKING WATER. The New York State Department of Health (NYSDH) has [readopted](#) (page 21) an emergency rule addressing testing of school drinking water for lead contamination. The emergency rule requires all school districts and boards of cooperative educational services, including those already classified as a public water system under 10 NYCRR Subpart 5-1, to test potable water for lead contamination. The rule also requires the development and implementation of lead remediation plans, where applicable. The previous emergency rule was scheduled to expire on 3 JUN 17. The new emergency rule became effective on 1 JUN 17 and will expire on 30 JUL 17. A notice of the NYSDH's proposed rule that would adopt this emergency rule as a permanent rule was published in the June 2017 *Northern Review*.

AMENDMENTS TO CONTROL OF INVASIVE AQUATIC SPECIES RULES. The New York Office of Parks, Recreation, and Historic Preservation has [adopted](#) (page 20) amendments to its rules at 9 NYCRR 377, *Regulated Activities*. The amendments address the use of boats and watercraft and the control of invasive aquatic species. The amendments make general updates and technical revisions, and clarify permissible inflatable watercraft types. A notice of the proposed amendments was published in the April 2017 *Northern Review*. The amendments became effective on 14 JUN 17.

PROPOSED RULES

REVISED AMENDMENTS TO SOLID WASTE MANAGEMENT REGULATIONS. NYSDEC has revised [proposed](#) (page 3) amendments to the solid waste management regulations. Due to public comments received when the proposed amendments were issued in 2016, significant changes were made to some of the regulatory criteria. The existing regulations for solid waste management facilities are currently found in Part 360. The amendments reorganize the existing solid waste regulations and group regulations for facilities that are similar in nature, such as facilities that recycle and recover materials. As a result of this reorganization, the current Part 360 will be subdivided into Parts 360, 361, 362, 363, 365, and 366. The amendments also update regulations governing waste transportation (Part 364) and state assistance grants to municipalities related to solid waste management (Part 369). Finally, the amendments incorporate minor amendments to Parts 621 and 370-374. A notice of the original proposal was published in the April 2016 *Northern Review*. Comments are due by 21 JUL 17.

OTHER REGULATORY ACTIVITY

UPDATES TO SOIL VAPOR / INDOOR AIR DECISION MATRICES. The NYSDH has [issued](#) updated Soil Vapor / Indoor Air (SVI) Decision Matrices. The update assigns eight volatile chemicals to three newly revised and renamed SVI Decision Matrices. Specifically, the update provides new guidance for trichloroethene (TCE); cis-1,2-dichloroethene (c12-DCE); 1,1-dichloroethene (11-DCE); carbon tetrachloride; tetrachloroethene (PCE); 1,1,1-trichloroethane (111-TCA); methylene chloride; and vinyl chloride. The updates supersede those provided in the 2006 final guidance and in subsequent updates.



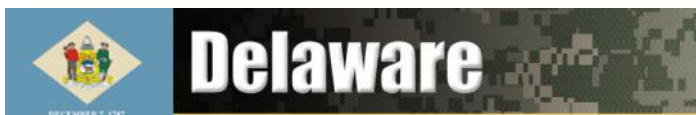
LEGISLATIVE SESSION: 9 JAN THROUGH 31 DEC, SINE DIE

FEDERAL ACTIVITY

CROSS-MEDIA ELECTRONIC REPORTING APPROVED FOR NPDES PROGRAM. EPA has approved the territory of U.S. Virgin Islands' request to revise its EPA authorized National Pollutant Discharge Elimination System (NPDES) program ([82 FR 29081](#)). The revision allows the use of electronic reporting. The approval became effective on 27 JUN 17.

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: 10 JAN THROUGH 2 JUL

FEDERAL ACTIVITY

INFRASTRUCTURE REQUIREMENTS FOR 2012 PM_{2.5} NAAQS. EPA has issued a proposed rule to approve portions of a SIP revision submitted by the state of Delaware ([82 FR 25211](#)). The revision addresses CAA section 110 (a) (1) and (2) requirements, often referred to as the infrastructure requirements. Specifically, the revision addresses the infrastructure requirements necessary to implement, maintain, and enforce the 2012 PM_{2.5} NAAQS. The proposed rule approves the portions of the submittal pursuant to CAA section 110, but doesn't propose action on the portion that addresses interstate transport of emissions. The comment period has been [extended](#); comments are now due by 24 JUL 17.

PROPOSED RULES

UPDATE OF RADIATION CONTROL REGULATIONS. The Delaware Department of Health and Social Services has [proposed](#) repealing and replacing two chapters of 16 DE Admin. Code 4465, *Delaware Radiation Control Regulations*. The proposal updates the requirements to make them consistent with current healthcare and industry standards, and aligns them more closely with current state administrative code and federal requirements. The regulations apply to any facility or person that: (1) receives, possesses, uses, transfers, sells, owns, or acquires ionizing radiation sources; (2) provides radiation services to such radiation source facilities; or (3) administers machine-generated radiation to human patients in the healing arts. The comment period closed on 14 JUL 17.



LEGISLATIVE SESSION: 11 JAN THROUGH 10 APR, SINE DIE

FEDERAL ACTIVITY

SIP REVISIONS ADDRESSING ISSUANCE, DENIAL, AND APPEAL OF CERTAIN AIR PERMITS. EPA has issued a proposed rule to approve a SIP revision submitted by the state of Maryland ([82 FR 28614](#)). The revision addresses Maryland's administrative procedures for the issuance, denial, and appeal of certain air permits issued by the Maryland Department of the Environment under COMAR 26.11.02. Comments are due by 24 JUL 17.



LEGISLATIVE SESSION: 3 JAN THROUGH 30 NOV (EST)

PROPOSED LEGISLATION

HB 1503 RESTRICTIONS ON LAND APPLICATION OF SEWAGE SLUDGE. HB 1503 amends *Solid Waste Management Act*, by prohibiting the land application of sewage sludge within 300 feet of a public drinking water source and in a source water protection area. The bill also adds requirements for site inspection and public notice. The bill was referred to the Environmental Resources and Energy Committee.

SB 799 PENNSYLVANIA CLEAN WATER PROCUREMENT ACT. SB 799 establishes a clean water procurement program. The program will provide for the purchase of verified Total Maximum Daily Load (TMDL) nutrient credits from certified nutrient credit generators through a competitive bidding process. The bidding process must be consistent with 62 Pa.C.S. Pt. I (relating to Commonwealth Procurement Code) or any other competitive process determined to be appropriate by the Pennsylvania Department of Environmental Protection (PADEP) and the State Conservation Commission. The bill also provides for powers and duties of the State Conservation Commission and establishes the Watershed Improvement Fund. The bill was referred to the Environmental Resources and Energy Committee.

PROPOSED RULES

RACT EMISSION LIMITATIONS FOR STATIONARY SOURCES OF VOC FROM INDUSTRIAL CLEANING SOLVENTS. PADEP has [proposed](#) amendments to air regulations at Chapters 121 and 129, relating to general provisions and standards for sources. The amendments add section 129.63 to adopt reasonably available control technology (RACT) requirements and RACT emission limitations for stationary sources of VOC emissions from industrial cleaning solvents. The amendments to Chapter 121 update definitions to support the addition of the new section. Public hearings are scheduled for 18- 20 JUL 17 and comments are due by 21 AUG 17.

PROPOSED INFRASTRUCTURE SIP REVISION FOR 2012 ANNUAL PM_{2.5} NAAQS. PADEP has [proposed](#) revisions to the commonwealth's SIP to address the requirements of CAA section 110(a)(1) and (2), known as the infrastructure requirements, for the 2012 Annual PM_{2.5} 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 CAA responsibilities. Once finalized, the SIP revision will be sent to EPA for review and approval. Comments are due by 20 JUL 17.

BASE YEAR EMISSIONS INVENTORY FOR LEBANON COUNTY NONATTAINMENT AREA FOR PM_{2.5} NAAQS. PADEP has [proposed](#) a SIP revision containing the 2011 comprehensive base year emissions inventory for the Lebanon County Nonattainment Area for the PM_{2.5} NAAQS. Due to Lebanon County being designated as a moderate nonattainment area

for the 2012 Annual PM_{2.5} NAAQS, PADEP is required to meet base year emissions inventory requirements. Once finalized, the SIP revision will be sent to EPA for review and approval. Comments are due by 20 JUL 17.

OTHER REGULATORY ACTIVITY

REQUIREMENT TO SUBMIT EMISSION INVENTORY DATA IN ELECTRONIC FORMAT. PADEP has [issued a notice](#) that all owners and operators of air contamination sources subject to the air emission inventory provisions under 25 Pa. Code § 135.3 (relating to reporting) must submit all emission inventories to PADEP in an electronic format. The requirement starts with the 2018 emission reporting year. The notice was issued on 17 JUN 17.

PHASE 3 WATERSHED IMPLEMENTATION PLAN FOR CHESAPEAKE BAY. PADEP has [requested public comment](#) on the development of the commonwealth's Phase 3 Watershed Implementation Plan (WIP) for the Chesapeake Bay. The commonwealth is mandated by EPA to reduce nitrogen, phosphorus, and sediment levels in waterways in Chesapeake Bay watershed counties by 2025. The Phase 3 WIP must show how Pennsylvania can achieve the desired reductions in pollutants. Specifically, input is being sought to determine what initiatives are needed in agriculture, forestry, funding, local planning, stormwater, and waste water to improve the health of local streams, rivers, and lakes. The comment period closed on 7 JUL 17.

ADDENDUM TO SPOTTED LANTERNFLY QUARANTINE ORDER. The Pennsylvania Department of Agriculture has [issued](#) an addendum to the quarantine on the Spotted Lanternfly. The addendum adds the following areas to the quarantine area: (1) Berks County: Muhlenberg Township and Laureldale and Temple boroughs; (2) Bucks County: Springfield, East Rockhill, and West Rockhill townships and Perkasio, Sellersville, and Telford boroughs; and (3) Montgomery County: Telford Borough. This is in addition to and does not replace any townships and areas already subject to the Spotted Lanternfly Quarantine Order published on 1 NOV 14, and any previous addendums to that quarantine order.



LEGISLATIVE SESSION: 11 JAN THROUGH 5 APR

FEDERAL ACTIVITY

REVISIONS TO STATE PUBLIC WATER SYSTEM SUPERVISION PROGRAM. EPA has issued a notice of approval and request for public comment concerning revisions to the commonwealth of Virginia's approved Public Water System Supervision Program ([82 FR 26089](#)). Virginia has adopted drinking water regulations for the Revised Total Coliform Rule (RTCR). EPA has determined that Virginia's RTCR meets all minimum federal requirements, and that it is no less stringent than the corresponding federal regulation. Therefore, EPA has tentatively decided to approve the state program revisions. Barring a request for a public hearing the determination became effective on 6 JUL 17.

FINAL RULES

X-RAY DEVICE REGISTRATION AND INSPECTION FEE SCHEDULE. The Virginia Department of Health has [adopted](#) amendments to 12VAC5-490, *Radiation Protection Fee Schedule*. The amendments raise the registration fee for X-ray machines inspected every three years and add three new fee categories for the annual registration and periodic inspection of non-medical X-ray devices. A notice of the proposed amendments was published in the October 2016 *Northern Review*. The amendments became effective on 12 JUL 17.

INCORPORATION OF FEDERAL NPDES ELECTRONIC REPORTING RULE. The Virginia Department of Environmental Quality (VDEQ) has [adopted](#) amendments to 9VAC25-31, *Virginia Pollutant Discharge Elimination System (VPDES) Permit Regulation*, and 9VAC25-870, *Virginia Stormwater Management Program (VSMP) Regulation*. The amendments incorporate the federal NPDES Electronic Reporting Rule, adopted by EPA in 2015. Specifically, the amendments establish procedures and requirements to be followed in connection with VPDES permits issued by the State Water

Control Board pursuant to the Clean Water Act (CWA) and the State Water Control Law. The amendments become effective on 26 JUL 17.

PROPOSED RULES

SIP REVISION FOR 2008 OZONE NAAQS. VDEQ has [proposed](#) a SIP revision to attain and maintain the 2008 Ozone NAAQS in the Northern Virginia Ozone Nonattainment Area. The [proposed revision](#) consists of a certification that Virginia's existing emissions statement requirements, covering the Washington, DC-MD-VA nonattainment area for the 2008 ozone NAAQS, are at least as stringent as the federal requirements. The nonattainment area consists of the counties of Arlington, Fairfax, Loudoun, and Prince William; and the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park. Comments are due by 26 JUL 17.

OTHER REGULATORY ACTIVITY

VPDES GP FOR DISCHARGES RESULTING FROM APPLICATION OF PESTICIDES TO SURFACE WATERS. VDEQ is [considering](#) amending 9VAC25-800, *Virginia Pollutant Discharge Elimination System (VPDES) General Permit (GP) for Discharges Resulting from the Application of Pesticides to Surface Waters*. The rulemaking would update and reissue the VPDES GP for discharges from pesticides applied to surface waters to control pests or applied to control pests that are present in, over, or near surface waters. The current GP is scheduled to expire on 31 DEC 18. The comment period closed on 12 JUL 17.



LEGISLATIVE SESSION: 11 JAN THROUGH 8 APR, SINE DIE

PROPOSED RULES

DIVISION OF AIR QUALITY 2018 PROPOSED LEGISLATIVE RULES. The West Virginia Department of Environmental Protection's (WVDEP) Division of Air Quality has released a list of its 2018 [proposed](#) legislative rules. Proposed rules include: (1) [45CSR8](#) – *Ambient Air Quality Standards*; (2) [45CSR16](#) – *Standards of Performance for New Stationary Sources*; (3) [45CSR25](#) – *Control of Air Pollution from Hazardous Waste Treatment, Storage, and Disposal Facilities*; and (4) [45CSR34](#) – *Emission Standards for Hazardous Air Pollutants*. All of the proposals amend the current rules by incorporating by reference the updated federal counterpart regulations that were adopted by and effective as of 1 JUN 17. The comment period closed on 11 JUL 17.

DIVISION OF WATER AND WASTE MANAGEMENT 2018 PROPOSED LEGISLATIVE RULES. WVDEP's Division of Water and Waste Management (DWWM) has released a list of its 2018 [proposed](#) legislative rules. DWWM has proposed to amend [33CSR20](#), *Hazardous Waste Management System*, by incorporating by reference the federal regulations located in 40 CFR Parts 260 through 279 that were in effect as of 1 JUN 17. DWWM has also proposed amending [33CSR30](#), *Underground Storage Tanks*. The UST amendments: (1) incorporate by reference 40 CFR 280 (federal UST regulations); (2) remove sections of the state rule associated with the Energy Policy Act of 2005 because these are now included in the current federal regulations; and (3) update certain aspects of the UST Worker Certification Program. The comment period closed on 6 JUL 17.

Region 5

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



Illinois

LEGISLATIVE SESSION: 11 JAN THROUGH 30 JUN

FEDERAL ACTIVITY

UPDATE TO MATERIALS INCORPORATED BY REFERENCE. EPA has issued a final rule to update the materials that are incorporated by reference into the Illinois SIP ([82 FR 30636](#)). The regulations and materials affected by this update have been submitted previously by the state of Illinois and approved by EPA. The final rule became effective on 30 JUN 17.



Indiana

LEGISLATIVE SESSION: 3 JAN THROUGH 21 APR , SINE DIE

FEDERAL ACTIVITY

SIP REVISION TO UPDATE CFR REFERENCE. EPA has issued a direct final rule approving a SIP revision submitted by the state of Indiana ([82 FR 28775](#)). The revision updates the Indiana Administrative Code definition of "References to the Code of Federal Regulations," from the 2013 edition to the 2015 edition. Barring adverse comment the direct final rule becomes effective on 25 AUG 17.



Michigan

LEGISLATIVE SESSION: 11 JAN THROUGH 31 DEC (EST)

PROPOSED LEGISLATION

HB 4804 RESTRICTIONS ON DISPOSAL OF CERTAIN RADIOACTIVE WASTE IN LANDFILLS. HB 4804 amends the Natural Resources and Environmental Protection Act at Section 11514 of Part 115, *Solid Waste Management*. The bill prohibits the disposal of technologically enhanced, naturally occurring radioactive material (TENORM) in a landfill unless the concentration of radium-226, radium-228, or any combination of these does not exceed 50 picocuries per gram, averaged over any single container. The bill also establishes reporting and testing requirements for the disposal of any TENORM in a landfill. The bill was referred to the Natural Resources Committee.

OTHER REGULATORY ACTIVITY

DRAFT 2018 WATER QUALITY AND POLLUTION CONTROL INTEGRATED REPORT. The Michigan Department of Environmental Quality, Water Resources Division (WRD) has [released](#) the draft Assessment Methodology for the 2018 Integrated Report (IR). Every two years, the WRD prepares and submits an IR to EPA to satisfy CWA requirements. The

IR describes the status of water quality in Michigan and includes a list of water bodies that are not attaining Michigan Water Quality Standards (WQS) and require the establishment of pollutant TMDL. The Assessment Methodology includes a description of the data, information, and decision criteria that are used to determine whether Michigan's WQS are attained. The comment period closed on 14 JUL 17.



LEGISLATIVE SESSION: 3 JAN THROUGH 22 MAY, SINE DIE

OTHER REGULATORY ACTIVITY

CONSIDERATION OF AMENDMENTS TO WATER QUALITY FEES RULES. The Minnesota Pollution Control Agency (MPCA) has [requested public comment](#) (page 34) on planned amendments to the water quality fee rules, Minnesota Rules Chapters 7002 (Permit Fees) and 7083 (SSTS Credentialing and Product Registration). MPCA is considering amendments to the water quality fee rules that would increase permit application fees, additional fees, and annual fees. This includes fees for municipal and industrial wastewater permits, noncontact cooling water permits, stormwater permits, feedlot permits, septic systems, environmental review, variances, and laboratories required to be certified under Minnesota Statutes, section 115.84. The MPCA may make rule changes to some or all of these fees. Comments are due by 14 AUG 17.



LEGISLATIVE SESSION: 2 JAN THROUGH 31 DEC (EST)

FINAL RULES

MOTOR VEHICLE INSPECTION AND MAINTENANCE (I/M) PROGRAM AMENDMENTS. The Ohio Environmental Protection Agency's (OEPA) Division of Air Pollution Control has [adopted](#) amendments to Ohio Administrative Code (OAC) rules [3745-26-01](#), *Definitions*, and [3745-26-12](#), *Requirements for motor vehicle owners in the enhanced automobile inspection and maintenance program*. The amendments permanently exempt four types of vehicles from the automotive I/M program. These vehicles are referred to as unconventional vehicles and are utility vehicles, low-speed vehicles, under-speed vehicles, and mini-trucks. The rules fulfill a CAA requirement and are a part of Ohio's SIP for the attainment and maintenance of the NAAQS in the Cleveland/Akron/Lorain Metropolitan area. A notice of the proposed amendments was published in the April 2017 *Northern Review*. The amendments became effective on 23 JUN 17.

WATER QUALITY STANDARDS – CENTRAL OHIO TRIBUTARIES DRAINAGE BASIN. OEPA has [adopted](#) amendments to the water quality standards beneficial use designation rule at OAC Chapter 3745-1-13, *Central Ohio tributaries drainage basin*. State and federal laws require OEPA to periodically update rules to reflect the latest scientific information. The amendments are the result of OEPA's evaluation of information regarding beneficial use designations for the drainage basin. The amendments become effective on 18 SEP 17.

OTHER REGULATORY ACTIVITY

DRAFT HAZARDOUS WASTE MANAGEMENT RULES. OEPA's Division of Environmental Response and Revitalization's (DERR) Hazardous Waste Management Program issued [draft revisions](#) for 69 ([Set O](#)) hazardous waste management (RCRA-C) rules. The draft revisions are part of the mandated five-year review requirement. DERR is also updating some of the rules to address federal rule changes. The comment period closed on 14 JUL 17.

EARLY STAKEHOLDER OUTREACH – SOLID WASTE AND INFECTIOUS WASTE REGULATIONS. OEPA has [requested comment](#), as part of the early stakeholder outreach rulemaking stage, on possible amendments to three rules in OAC Chapter 3745

-27, *Solid Waste and Infectious Waste Regulations*. The rules that would be affected by the amendments are: (1) 3745-27-01 – *Definitions*; (2) 3745-27-03 – *Exemptions and Variances*; and (3) 3745-27-17 – *Wording of Financial Instruments*. The comment period closed on 7 JUL 17.

EARLY STAKEHOLDER OUTREACH – RESCINDING LOW REID VAPOR PRESSURE (RVP) FUEL REQUIREMENTS. OEPA has [requested comment](#), as part of the early stakeholder outreach rulemaking stage, on a possible proposal to rescind all the rules in OAC Chapter 3745-72, *Low Reid Vapor Pressure Fuel Requirements*. The rules control emissions of VOCs to help the Cincinnati and Dayton areas in their attainment of the ozone NAAQS. These rules are no longer necessary, as EPA approved the removal of the low RVP fuel requirements in the Cincinnati and Dayton areas on 7 APR 17. Comments are due by 18 JUL 17.

EARLY STAKEHOLDER OUTREACH – STORMWATER PROGRAM RULES. OEPA has [requested comment](#), as part of the early stakeholder outreach rulemaking stage, on potential revisions to the stormwater program rules at OAC 3745-39-01, OAC 3745-39-02, and OAC 3745-39-03. The revisions would allow state rules to be consistent with EPA's December 2016 NPDES Municipal Separate Storm Sewer System (MS4) General Permit Remand Rule. The federal rule establishes two alternative approaches that an NPDES permitting authority can use to issue and administer small MS4 general permits to address a 2003 Ninth Circuit Court partial remand of the regulations. Comments are due by 19 JUL 17.



LEGISLATIVE SESSION: 3 JAN THROUGH 31 DEC (EST)

FINAL LEGISLATION

SB 76 AMENDMENTS TO GROUNDWATER WITHDRAWAL RULES. SB 76 (Public Act:10) addresses: (1) replacement, reconstruction, and transfer of an approved high capacity well; (2) recommendation of special groundwater measures by the Wisconsin Department of Natural Resources (WDNR); and (3) metering requirements and grants for certain high capacity wells. A notice of the bill's Senate passage was published in the April 2017 *Northern Review*. The bill was signed by the governor on 1 JUN 17 and became effective on 3 JUN 17.

PROPOSED LEGISLATION

AB 388 PERMITTING EXEMPTION FOR DISCHARGE OF DREDGED OR FILL MATERIAL INTO ANY ARTIFICIAL WETLAND. AB 388 expands an existing wetland permitting exemption for the discharge of dredged or fill material into artificial wetlands. Under current state rules, certain artificial wetlands are exempt from the wetland permitting requirements unless WDNR determines that significant functional values are present. AB 388 expands the exemption to include a discharge of dredged or fill material to any artificial wetland. The bill defines an artificial wetland as a wetland inadvertently created by human modifications to the landscape or hydrology and for which there is no prior wetland or stream history. The definition excludes a wetland that is subject to federal jurisdiction and a wetland that serves as a fish spawning area or a passage to a fish spawning area. The bill was referred to the Environment and Forestry Committee.

FINAL RULES

AMENDMENTS TO EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER RULES. The Wisconsin Department of Safety and Professional Services has [adopted](#) amendments to chapter SPS 360, *Erosion control, sediment control and stormwater*. The amendments make this administrative rule chapter consistent with provisions of the 2013 Wisconsin Act 20, which was enacted since the last chapter update. The authority to establish standards for erosion control at construction sites over one acre, as well as standards for stormwater management, were granted to WDNR by the 2013 Act. The amendments eliminate conflicts between chapter SPS 360 and rules promulgated by WDNR. The rulemaking becomes effective on 1 AUG 17.

REVISIONS TO HAZARDOUS WASTE MANAGEMENT REGULATIONS. WDNR has [adopted](#) amendments to the hazardous waste management regulations at chapters NR 660 - 666, 668, 670, 673, and 679. The amendments update and correct current rules that regulate the generation, transportation, recycling, treatment, storage, and disposal of hazardous waste, universal waste, and used oil. The amendments adopt changes to federal hazardous waste regulations promulgated by USEPA between 2002 and 2006. Two USEPA rules included in this package were promulgated after 2006; one affecting academic labs and the other affecting generators of solvent-contaminated wipes. The amendments are necessary to maintain authorization to administer the federal hazardous waste program in Wisconsin. A notice of the proposed rule was published in the February 2016 *Northern Review*. The amendments become effective on 1 AUG 17.

Federal Activity

AIR

NEW AMBIENT AIR MONITORING REFERENCE AND EQUIVALENT METHODS. EPA has designated one new reference method for measuring concentrations of carbon monoxide (CO), and one new equivalent method for measuring concentrations of NO₂ in ambient air ([82 FR 27816](#)). EPA evaluates various methods for monitoring the concentrations of ambient air pollutants for which the agency has established NAAQS. Monitoring methods determined to meet specific requirements for adequacy are designated by EPA as either reference or equivalent methods (as applicable), thereby permitting their use by states and other agencies for determining compliance with the NAAQS. A list of all reference or equivalent methods that have been previously designated by EPA may be found [here](#).

EXTENSION OF DEADLINE FOR PROMULGATING DESIGNATIONS FOR 2015 OZONE NAAQS. EPA has announced that it is extending by one year the deadline for promulgating initial area designations for the ozone NAAQS that were promulgated in [October 2015](#) ([82 FR 29246](#)). The new deadline is 1 OCT 18.

ENERGY

GAO REPORT: ALTERNATIVELY FINANCED ENERGY PROJECTS. The Government Accountability Office (GAO) has issued a report on DOD use of alternate financing mechanisms for energy projects ([GAO-17-461](#)). GAO reviewed 13 operational alternatively financed energy projects and found that all 13 projects reported achieving their expected savings. However, GAO found that the military services have varying approaches for verifying whether projected savings were achieved for all utility energy service contracts (UESC). GAO recommends DOD issue clear guidance on how the military services should verify savings associated with UESC projects, otherwise the military services are likely to take inconsistent approaches.

MISCELLANEOUS

BASE REDEVELOPMENT REPORT. The Association of Defense Communities released a report on the state of redevelopment at DOD facilities subject to base redevelopment and closure (BRAC) and how designated local redevelopment authorities (LRAs) are progressing with redevelopment projects. The report, which relies on voluntary disclosures, identifies critical challenges, funding sources and budgets, and jobs created. To read the report, click [here](#).

NATURAL RESOURCES

GAO REPORT: WILDLAND FIRE RISK REDUCTION. GAO has released a report on factors that contribute to wildland fires and federal-nonfederal collaboration to reduce the risk of wildland fires ([GAO-17-357](#)). According to GAO, federal agencies can collaborate with nonfederal stakeholders to reduce the risk of wildland fires; this is a key aspect of the National Cohesive Wildland Fire Management Strategy. GAO recommends that federal agencies work with the Wildland

Fire Leadership Council, which provides oversight and leadership for the strategy, to develop measures to assess progress toward achieving the strategy's goals.

THREATENED AND ENDANGERED SPECIES

FIVE-YEAR STATUS REVIEWS OF 23 SOUTHEASTERN SPECIES. The U.S. Fish and Wildlife Service (FWS) has initiated five-year status reviews of 23 species under the Endangered Species Act (ESA) ([82 FR 29916](#)). FWS conducts the reviews to ensure that the classification of species as threatened or endangered on the Lists of Endangered and Threatened Wildlife and Plants is accurate. A five-year review is an assessment of the best scientific and commercial data available at the time of the review. FWS has requested submission of information that has become available since the last review of each species.

TOXICS

IMPLEMENTATION OF TSCA AMENDMENTS. The Congressional Research Service (CRS) has issued an [insight report](#) for members of Congress about steps EPA has taken to implement the 2016 [amendments](#) to the Toxic Substances Control Act (TSCA). As amended, TSCA establishes a framework to identify commercial chemicals that present unreasonable risks and to regulate the product life cycle of a chemical (i.e., manufacture or importation, processing, distribution, use, and disposal) so that it no longer presents unreasonable risk. EPA continues to take steps toward potential regulation of existing chemicals under the amended statute. This CRS insight report summarizes select EPA actions to implement the TSCA amendments.

DRAFT TOXICOLOGICAL PROFILES FOR PUBLIC REVIEW. The Agency for Toxic Substances and Disease Registry (ATSDR), within the Department of Health and Human Services (HHS), has announced the availability of draft toxicological profiles for review and comment ([82 FR 27066](#)). Draft toxicological profiles are available for: (1) [Antimony](#); (2) [2,4-Dichlorophenoxyacetic Acid](#) (2,4-D); (3) [Molybdenum](#); and (4) [Silica](#). ATSDR is seeking public comment and additional information or reports on studies about the health effects of the substances for review and potential inclusion in the toxicological profiles.

OCCUPATIONAL EXPOSURE TO BERYLLIUM AND BERYLLIUM COMPOUNDS IN CONSTRUCTION AND SHIPYARD SECTORS. The Occupational Safety and Health Administration (OSHA) has issued a proposed rule to revoke ancillary provisions regarding exposure to beryllium and beryllium compounds for the construction and the shipyard sectors that they previously adopted on 9 JAN 17 ([82 FR 29182](#)). OSHA will retain the new permissible exposure limit of 0.2 µg/m³ and the short term exposure limit of 2.0 µg/m³ for each sector. OSHA will not enforce the 9 JAN 17 shipyard and construction standards without further notice while the new rulemaking is underway. The proposal does not affect the general industry beryllium standard published on 9 JAN 17.

WATER

STEAM ELECTRIC POINT SOURCE EFFLUENT. EPA has issued a proposed rule to postpone certain compliance dates in the effluent limitations guidelines and standards for the steam electric point source category under CWA, published on [3 NOV 15](#) ([82 FR 26017](#)). Specifically, EPA proposes to postpone the compliance dates for the new, and more stringent, best available technology economically achievable effluent limitations and pretreatment standards for each of the following waste streams: fly ash transport water, bottom ash transport water, flue gas desulfurization wastewater, flue gas mercury control wastewater, and gasification wastewater. Compliance dates would be postponed until EPA completes reconsideration of the 2015 Rule.

EFFLUENT LIMITATIONS GUIDELINES AND STANDARDS FOR DENTAL CATEGORY. EPA has issued a final rule promulgating technology-based pretreatment standards under CWA to reduce discharges of mercury from dental offices into municipal sewage treatment plants ([82 FR 27154](#)). The final rule requires dental offices to use amalgam separators and two best management practices recommended by the American Dental Association. The final rule includes a provision to significantly reduce and streamline the oversight and reporting requirements in EPA's General Pretreatment Regulations

that would otherwise apply as a result of the rulemaking. The final rule is effective on 14 JUL 17. The compliance date when existing sources subject to the rule must comply with the rule standards is 14 JUL 20. After the effective date of the rule, new sources subject to the rule must comply immediately with the rule standards.

Department of Defense Activity

DODI: HEALTH RISKS FROM PAST ENVIRONMENTAL EXPOSURES ON MILITARY INSTALLATIONS. DOD has issued [Department of Defense Instruction \(DODI\) 6055.20](#), *Assessment of Significant Long-term Health Risks from Past Environmental Exposures on Military Installations*. The DODI, effective 6 JUN 17, establishes policy, assigns responsibilities, and establishes procedures for assessing significant long-term health risks from past environmental exposures to military personnel and civilian individuals from living or working on military installations.

DODM: VESSEL MARINE SANITATION DEVICES. DOD has issued [Department of Defense Manual \(DODM\) 4715.06, Volume 1](#), *Regulations on Vessels Owned or Operated by the Department of Defense: Marine Sanitation Devices (MSDs)*. DODM 4715.06, Volume 1 implements and administers policies, details procedures governing the design, construction, installation, and operation of MSDs, and provides procedures for certifying that MSDs are consistent with EPA standards in accordance with 40 CFR Part 140. The DODM, effective 6 JUN 17, reissues and cancels DOD 4715.6-R-1, Chapter 1, *Regulations on Vessels Owned or Operated by the Department of Defense*, 1 JAN 05.

DODM: VESSEL OIL POLLUTION PREVENTION. DOD has issued [DODM 4715.06, Volume 2](#), *Regulations on Vessels Owned or Operated by the Department of Defense: Oil Pollution Prevention*. DODM 4715.05, Volume 2 implements and administers policies for warships, naval auxiliaries, and other public vessels owned or operated by DOD to prevent oil pollution. The DODM also implements Annex I of the 1973 International Convention for the Prevention of Pollution from Ships (MARPOL), including the 1978 MARPOL Protocol, in accordance with the requirements of section 1902(h) of Title 33, United States Code (USC). The DODM, effective 7 JUN 17, reissues and cancels DOD 4715.6-R-1, Chapter 2, *Regulations on Vessels Owned or Operated by the Department of Defense*, 1 JAN 05.

DODM: VESSEL BALLAST WATER, WELLDECK SEDIMENT, AND ANCHOR SEDIMENT. DOD has issued [DODM 4715.06, Volume 3](#), *Regulations on Vessels Owned or Operated by the Department of Defense: Ballast Water, Welldeck Sediment, and Anchor Sediment Management*. DODM 4715.06, Volume 3 implements a ballast water management program to minimize the risk of introduction of nonindigenous species from releases of ballast water from seagoing ships of DOD in accordance with 16 USC Section 4713, also known as section 1103 of the Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990, as amended by the National Invasive Species Act of 1996. The DODM was effective 7 JUN 17.

PILOT STUDY: BIOSOLIDS TO ENERGY. The Army is funding a project to demonstrate technology developed on the University of Illinois' South Farm that disposes of wastewater biosolids by turning them into energy. The system will be demonstrated over a two-month period at Fort Detrick, in Frederick, Md., where Net Zero team members will document the effectiveness of the approach to improve the environmental footprint and enhance resiliency at Army installations. The pilot-scale reactor converts biosolids into biofuels through a hydrothermal process. To read more about the project, click [here](#).

Professional Development

DOD TRAINING SOURCES

2017 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 SERDP and 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 DOE audiences.

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

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

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

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

FEDERAL TRAINING SOURCES

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

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

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

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

USACE PROSPECT TRAINING (CLASSROOM). USACE released the FY18 PROSPECT (i.e., Proponent-Sponsored Engineer Corps Training) program. Courses are open to federal, state, county, and city employees and contractors. There are different registration processes for each entity. Please refer to the [course catalog](#) and list of classes and schedule for details.

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

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

EPA TMDLS AND NPDES PERMITTING WEB-BASED TRAINING MODULES (ONLINE). EPA has developed three web-based training modules on topics related to total maximum daily loads (TMDLs) and National Pollutant Discharge Elimination System (NPDES) permitting. The presentations are intended for TMDL developers and NPDES permitting staff to gain a better understanding of TMDL implementation through NPDES permits. Each module is offered as a recorded presentation that enables participants to review the material on demand in a self-paced environment. The modules are also available as unrecorded PowerPoint presentations with slides and scripts. Each recorded session is approximately two hours long.

AVERT TUTORIAL (ONLINE). EPA launched its on-demand training on how to use its avoided emissions and generation tool (AVERT). AVERT estimates the potential of energy efficiency/renewable energy programs to displace electricity system-related 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 (ONLINE). FEMP has launched FEMP Training Search, a web tool that lists free training opportunities to help agencies meet federal energy, water, and sustainability laws and requirements. The search tool provides options to easily find and select training offerings by topic area, topic series, course format and type, and by level of difficulty—introductory (101), intermediate (201), and advanced (301).

CLIMATE CHANGE SCIENCE AND MANAGEMENT WEBINAR SERIES (ONLINE). The U.S. Geological Survey's National Climate Change and Wildlife Science Center is partnering with the National Conservation Training Center to offer the webinar

series to inform scientists, land managers, and the public about potential and predicted climate change impacts on fish and wildlife, and to help guide resource management decisions across the United States. Video recordings with closed captioning are made available one to two weeks after each presentation.

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

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

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

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

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How the Regional Offices Work for You

The Army Regional Environmental and Energy Offices' close cooperation between the military and regional policymakers helps to resolve issues *before* they become laws and regulations.

The REEOs monitor proposed state environmental and energy laws and regulations for impacts to installation missions. When legislation or a regulation important to the Army or DOD is being developed, REEOs work with the other military Services to assure that DOD and Services' interests are represented.

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

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