



REC UPDATE

Monthly environmental news for DoD facilities in EPA Regions 1, 2 & 3



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GENERAL INTEREST

EPA Finalizes E15 Pump Labeling Requirements - New Labels Will Help Consumers Find the Right Fuel for their Vehicles

The U.S. Environmental Protection Agency (EPA) issued fuel pump labeling and other requirements for gasoline blends containing more than 10 and up to 15 percent ethanol, known as E15. These requirements will help ensure that E15 is properly labeled and used once it enters the market. The new orange and black label must appear on fuel pumps that dispense E15. This label will help inform consumers about which vehicles can use E15. It will also warn consumers against using E15 in vehicles older than model year 2001, motorcycles, watercraft, and gasoline-powered equipment such as lawnmowers and chainsaws.

Over the past year, EPA issued two partial waivers under the Clean Air Act that in sum allow E15 to be sold for use in model year 2001 and newer cars and light trucks. EPA based its waiver decisions on testing and analysis showing that these vehicles could continue to meet emission standards if operated on E15. However, EPA does not mandate the use of E15, nor has the agency registered the fuel, which is required before E15 can be legally sold for use in conventional vehicles.

The E15 pump label requirements, developed in coordination with the Federal Trade Commission (FTC), adopt elements of FTC's existing labels for alternative fuels to promote consistent labeling. The rule also includes a prohibition against misfueling with E15; a requirement to track E15 and other fuels as they move through the fuel supply chain so that E15 can be properly blended and labeled; and a quarterly survey to help ensure that gas pumps dispensing E15 are properly labeled. In addition, it modifies the Reformulated Gasoline (RFG) Program to allow fuel producers to certify batches of E15 as complying with RFG standards. This action will help to further reduce the risks of potential misfueling that could result in damage to the vehicle or equipment and in associated emission increases that pose threats to human health and the environment.

EPA is also issuing guidance on the compatibility of underground storage tanks (USTs) with gasoline containing greater than 10 percent ethanol or diesel containing greater than 20 percent biodiesel. The guidance is intended to assist UST owners and operators in meeting the existing federal UST compatibility requirements.

More information and to view the pump labels, go to: <http://www.epa.gov/otaq/regulations/fuels/additive/e15/index.htm>.

The UST guidance is available at: <http://www.epa.gov/oust/altfuels/biofuelsguidance.htm>.

New Safeguards Proposed for Hazardous Waste Recycling

The EPA is proposing new safeguards for recycling hazardous materials to protect public health and the environment. The proposal modifies the Definition of Solid Waste (DSW) rule, which encourages the recycling of hazardous materials. The proposal will improve accountability and oversight of hazardous materials recycling, while allowing for important flexibilities that will promote its economic and environmental benefits. Facilities that recycle onsite or within the same company under the reduced regulatory requirements retained under the proposal would be subject to enhanced storage and recordkeeping requirements as compared to the 2008 rule. Companies that send their hazardous materials offsite for recycling would have tailored storage standards, while being required to send their materials to a permitted hazardous waste recycling facility. The proposed rule also creates a level playing field by requiring all forms of hazardous waste recycling to meet requirements designed to ensure materials are legitimately recycled and not being disposed of illegally.

EPA will accept comment on this proposal for 60 days after publication in the Federal Register. The docket for the rulemaking is EPA-HQ-RCRA-2010-0742 and can be accessed at <http://www.regulations.gov> once the proposal is published. More information about this rulemaking: <http://www.epa.gov/waste/hazard/dsw/rulemaking.htm>.

Public Comment Period Extended for Proposed Remedies for Radford Army Ammunition Plant

The public comment period has been extended until 31 AUG 11 on the proposed remedies for cleaning up the Radford Army Ammunition Plant (RAAP). The public comment period, which opened 25 MAY 11, was originally scheduled to close on 25 JUL 11. Residents requested additional time to comment on the proposed remedies that are outlined in the Corrective Action Statement of Basis (SB). The SB outlines the proposed remedies for Solid Waste Management Units being investigated and remediated at the Radford Army Ammunition Plant. The SB also summarizes the corrective action activities completed to date. After the comment period closes, the EPA will review and publicly respond to substantive comments received in writing and at the public hearing. Based on the comments received, the proposed remedies can even be changed or revised.

Written comments should be submitted to Erich Weissbart, U.S. EPA Project Manager, Mail Code 3LC50, 1650 Arch Street, Philadelphia, PA 19103-2029 or via fax: 215-814-3113, or e-mail: weissbart.erich@epa.gov. All comments must be submitted in writing no later than August 31, 2011. Those being submitted U.S. mail, fax, or e-mail must be postmarked no later than 31 AUG 11. A final decision regarding the selected remedies proposed for the facility will not be made until the public comment period has closed and all comments have been evaluated and addressed.

The SB, documents and other information relating to the investigation and remediation/clean up of the RAAP can be found at: The Montgomery-Floyd Regional Library, Christiansburg Branch, 125 Sheltman Road, Christiansburg VA 24073, (540) 382-6965; and on the internet.

To view the SB go to: http://www.epa.gov/reg3wcmd/publicnotice-pdf/RAAP_SB.pdf.

For more information on the RAAP go to: <http://www.epa.gov/reg3wcmd/ca/va/webpages/va1210020730.html> or <http://www.radfordaapirp.org/comminv/RAB.htm>.

EPA Proposes Criteria to Waive Federal Requirements for Capturing Gasoline Vapors when Refueling Vehicles

The EPA is issuing a proposal under the Clean Air Act that would waive requirements for systems used at gas station pumps to capture potentially harmful gasoline vapors while refueling cars. The proposal is part of the Obama Administration's initiative to review outdated and redundant rules and ensure that regulations are beneficial without being unnecessarily burdensome to American businesses.

Beginning in 2013, states that meet the new criteria would have the option to do away with vapor recovery systems at the pump since an estimated 70 percent of all vehicles will be equipped by then with on-board systems that capture these vapors. The result of the proposal would be the continued protection of air quality and public health while potentially saving affected gas stations more than \$3,000 annually.

Since 1994, gas stations in certain areas have been required to use gasoline vapor recovery systems. The systems capture fumes that escape from gasoline tanks during refueling. However, as required by the Clean Air Act, automobile manufacturers began installing onboard refueling vapor recovery (ORVR) technologies in 1998, making gas stations' systems redundant. Since 2006, all new automobiles and light trucks (pickups, vans, and SUVs) are equipped with ORVR.

Vapor emissions from refueling, if allowed to escape, can contribute significantly to ground-level ozone, sometimes called smog, as well as to other types of harmful air pollution. Ground-level ozone can cause acute respiratory problems, aggravated asthma, temporary decreases in lung capacity in healthy adults and inflammation of lung tissue. Children and the elderly are most at risk. Gasoline vapors also contain toxic air pollutants associated with a variety of health threats.

The Clean Air Act allows EPA to establish criteria for waiving federal requirements for vapor recovery systems on gasoline pumps when ORVR systems are widely available in the vehicle fleet. EPA is proposing to establish June 30, 2013, as the date by which a sufficient portion of the vehicle fleet will be equipped with such technology. By that date, EPA projects that more than 70 percent of vehicles on the road will have ORVR technology.

EPA will accept comment on the proposal for 60 days after publication in the Federal Register.

More information: <http://www.epa.gov/airquality/ozonepollution/actions.html#impl>.

DoD to Minimize Hexavalent Chromium

The following rule is provided for those people who work in: degreasing, paint stripping, tactical maintenance and chemical procurement. DoD issued a final rule amending the Defense Federal Acquisition Regulation Supplement (DFARS) to implement the requirements for minimizing the use of materials containing [hexavalent chromium](#) (CrVI) in items acquired by DoD [76 FR 25569]. Hexavalent chromium is a chemical that has been used in numerous DoD weapons systems and platforms because of its corrosion protection properties. The rule prohibits the delivery of items containing more than 0.1 percent by weight hexavalent chromium in any homogeneous material under DoD contracts unless there is no acceptable alternative to the use of hexavalent chromium. The rule became effective in May 2011.

BOEMRE Public Comment Portal

The Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE) has made available a public input portal. This page has been created as a one-stop-shop for members of the public, local, state and tribal government officials, and interested stakeholders to navigate the comment process. BOEMRE solicits comments utilizing [regulations.gov](#). At this site, anyone can see a complete list of BOEMRE proposals open for comment [Open Comment Documents](#). After locating the desired document, click the "Submit a Comment" link on either the Search Results screen or the actual Document Details screen. Once the "Submit a Comment" screen displays, enter any required fields, type or attach your comment, and click the "Submit" button.

National Coastal and Marine Spatial Planning Workshop

DoD Environmental Staff attended this three-day workshop hosted by the Department of the Interior in Washington, DC on 21-23 JUN 11. Stakeholders, including state, federal, tribal, Pacific Islander, commercial, and environmental representatives met to develop and carry forward a shared understanding of regional coastal and marine spatial planning (CMSP) efforts. The workshop also sought to build an understanding of the value of CMSP and begin the transition from federal/DC process development to actual planning at the regional level. DoD and the Joint Chiefs of Staff have representatives on each of the nine Regional Planning Bodies (RPBs); CNRMA is representing DoD on the Northeast and Mid-Atlantic RPBs. The highlight of the workshop was a simulation exercise for regional representatives reviewing potential conflicts between proposed ocean uses and various stakeholders.

FEDERAL NEWS

Notice: With regard to any regulation or legislation, installation staff is requested to contact their respective component REC with information on mission or installation impacts, questions or comments.

AIR

Radon Federal Action Plan

The EPA released a Federal Action Plan which presents a multi-year approach to protecting public health by reducing the risk from radon exposure. The Plan commits DOD to some actions:

- DOD will review and update, as appropriate, the Unified Facility Criteria to reflect current standards for radon measurement, mitigation, and radon-resistant new construction for low rise buildings (e.g., multifamily, schools, daycare facilities).
- DOD will develop a communications campaign to educate all personnel – living both on and off base – about the health risks associated with radon exposure and solutions to address these risks.
- DOD will identify the universe of low-rise buildings in high radon potential areas (Zone 1) and, for those buildings not previously addressed, develop a testing and mitigation plan for those at or above the EPA 4 pCi/L action level.

The Plan also stated that:

- DOD currently has an active program to test housing stock and to mitigate if levels are found to be at or above the EPA radon action level of 4 pCi/L.
- The DOD Unified Facilities Guide Specifications address radon testing and mitigation. Radon testing and mitigation are also incorporated into three sets of active DOD building criteria.

Additional information is available at:

<http://yosemite.epa.gov/opa/admpress.nsf/d0cf6618525a9efb85257359003fb69d/093b6646292a70eb852578b50059368e!OpenDocument>.

The Federal Action Plan is available at: http://www.epa.gov/radon/pdfs/Federal_Radon_Action_Plan.pdf.

EPA Seeks to Adopt Emissions Standards for Large Commercial Aircraft

The EPA is proposing to adopt new air pollution standards for engines used primarily in large commercial aircraft, including 737s, 747s, and 767s. The proposal would reduce ground-level nitrogen oxide emissions by an estimated 100,000 tons nationwide by 2030. Exposure to nitrogen oxide emissions can cause and aggravate lung diseases and increase susceptibility to respiratory infection. The standards were previously agreed to by the United Nation's International Civil Aviation Organization (ICAO). Due to the global nature of air travel, EPA works with international agencies to ensure significant and cost effective emissions reductions. If adopted in the United States, the standards would be phased in over the next two years, applying to all new engines in 2013. Comments will be accepted for 60 days after the date that the proposal is published in the Federal Register.

For more information, go to: <http://www.epa.gov/otaq/aviation.htm>.

For more information on the ICAO, go to: <http://www.icao.int/>.

Cross-State Air Pollution Rule is Released

The Cross-State Air Pollution Rule is intended to replace the 2005 Clean Air Interstate Rule (CAIR), which the U.S. Court of Appeals for the D.C. Circuit ordered EPA to revise in 2008. The court allowed CAIR to remain in place temporarily while EPA worked to finalize today's replacement rule. Many power plants covered by the rule have already made substantial investments in clean air technologies to reduce SO₂ and NO_x emissions. The rule will level the playing field for power plants that are already controlling these emissions by requiring more facilities to do the same. The rule will also help improve visibility in state and national parks while better protecting sensitive ecosystems, including Appalachian streams, Adirondack lakes, estuaries, coastal waters, and forests. The EPA is also proposing to require sources in Iowa, Kansas, Michigan, Missouri, Oklahoma, and Wisconsin to reduce NO_x emissions during the summertime ozone season. The proposal is open for public review and comment for 45 days after publication in the Federal Register. For more information, go to: <http://www.epa.gov/crossstaterule>.

Air Pollution Requirements for Vessels Operating in US Waters

(06/27/11, [EPA NEWS RELEASE](#)) EPA and USCG have signed a [MOU](#) stating they will jointly enforce US and international air pollution requirements for vessels operating in US waters. Requirements establish limits on NO_x emissions and require use of fuel with lower sulfur content; protecting peoples' health and the environment by reducing ozone-producing pollution that can cause smog and aggravate asthma. The most stringent requirements apply to ships operating within 200 nautical miles of the coast of North America. Under the MOU, both the USCG and EPA will perform inspections and investigations, and will take appropriate enforcement actions if a violation is detected.

WATER

Update on Waters of the U.S. Draft Guidance

The EPA and the Army Corps of Engineers have extended the public comment period by 30 days for the draft guidance on Identifying Waters Protected by the Clean Water Act. In response to requests from state and local officials, as well as other stakeholders, EPA and the Corps will take additional comment until 31 JUL 11 on this draft guidance that aims to protect U.S. waters. This change in the public comment period will not impact the schedule for finalizing the guidance or alter the intent to proceed with a rulemaking. Public input received will be considered as the agencies make final decisions regarding the guidance. These comments will also be very helpful as the agencies prepare a Notice of Proposed Rulemaking. The original 60-day public comment period was originally set to expire on 1 JUL 11. For more information, go to: <http://water.epa.gov/lawsregs/guidance/wetlands/CWAwaters.cfm>.

Legal Interpretation Allows Federal Agencies to Pay State Fees for Stormwater

The DOD Office of General Counsel has provided guidance on payment of reasonable service charges (fees, taxes) assessed by states or localities for stormwater. Based on recent amendments to the Clean Water Act, Section 313(c)(2)(b) such charges may be paid from ordinary appropriations for federal agency operations, provided the charges:

- relate to the control and abatement of water pollution,
- are reasonable,
- are nondiscriminatory,
- are based on some fair approximation of the proportionate contribution of the facility to stormwater pollution,

- are measured in terms of quantities of pollutants, or volume or rate of stormwater discharge or runoff from the facility,
- are used to pay or reimburse the costs associated with any stormwater management program, (whether separate or combined with sanitary waste),
- may include the full range of programmatic and structural costs attributable to collecting stormwater, reducing pollutants in stormwater, and reducing the volume and rate of stormwater discharge.

The relevant memorandums are posted at:

http://www.p2sustainabilitylibrary.mil/p2_documents/signed_memo_stormwater42011.pdf.

Most (but not all) EPA Regions Extending the Expiration Date of Construction Stormwater Permit

EPA Regions 1, 2, 3, 5, 6, 7, 8, 9, and 10 are modifying the 2008 NPDES general permits for stormwater discharges associated with construction activity in order to extend until 15 FEB 12 - the expiration date of the permit. The 2008 CGP will now expire on midnight, 15 FEB 12, instead of 30 JUN 11. POC is Greg Schaner, Water Permits Division, Office of Wastewater Management (Mail Code: 4203M), EPA, 1200 Pennsylvania Avenue, NW., EPA East, Washington, DC 20460; tel: (202) 564- 721; fax: (202) 564-6431; e-mail: schaner.greg@epa.gov (Federal Register; July 8, 2011 [Notices], Pages 40355-40359).

CHESAPEAKE BAY

New Fertilizer Law Helps Improve the Chesapeake Bay

The Maryland General Assembly passed a new law designed to reduce the amount of nitrogen and phosphorus washing into the Chesapeake Bay from lawns, golf courses, parks, recreation areas and other non-agricultural sources. The changes will be phased in over the next two years. For more information, go to:

http://r20.rs6.net/tn.jsp?l1r=fg88ficab&et=1105798946325&s=537&e=001D01AVktOWI8Lk5oC6O4rDxabCWbfrUPGyX1PTeSlijDvrR9Rw5AqK34OOXBrgCH06TpIoThOI2hQ0qcC7MJObZhwhB_CD3IeV90mnWUZL_j4-x8pTdmQALfhZTjZ_cbDWDWytj2HBKsi5TquzsTOf3QayatElf.

Nicholas DiPasquale named as Director of the Chesapeake Bay Program

Nicholas DiPasquale has been named the new Director of EPA's Chesapeake Bay Program. Mr. DiPasquale has extensive environmental and regulatory experience, having served as Secretary of the Delaware Department of Natural Resources and Environmental Control from 1999 to 2002. He has also served as Deputy Secretary in the Pennsylvania Department of Environmental Protection, and as Director of the Environmental Management Center for the Brandywine Conservancy in Chadds Ford, Pa. Most recently, he has worked in the private sector serving as senior consultant with Duffield Associates in Wilmington, DE.. He holds a bachelor's degree in Public Administration from the State University of New York and a master's degree in Energy and Environmental Policy from Washington University in St. Louis. His appointment will be effective 1 AUG 11.

The Chesapeake Bay Program coordinates activities and implements strategies for meeting the restoration goals of the Chesapeake Bay watershed, which covers 64,000 square miles across New York, West Virginia, Pennsylvania, Delaware, Maryland, Virginia and the District of Columbia.

New Chesapeake Bay Partnership

The Water Environment Research Foundation ([WERF](#)) and the National Fish and Wildlife Foundation have recently [partnered](#) to help improve Chesapeake Bay water quality. WERF will provide the latest stormwater research by utilizing WERF's Stormwater Best Management Practices (BMP) Database tool. The database, the largest resource of its kind with performance data on more than 400 urban BMPs, is used to improve the design,

selection, and performance of BMPs. It includes tools to promote scientifically based collection and management of data needed to evaluate BMP effectiveness. WERF leads a broad coalition of partners, including several federal agencies, associations and institutes, to fund and manage the database.

Chesapeake Bay Stormwater Webcast Series

A series of free, 90 minute webcasts designed to help local stormwater designers, reviewers and managers across the Bay Watershed meet the complex challenges involved in new stormwater regulations and nutrient reduction allocations is available. The webcasts are jointly offered by the Chesapeake Stormwater Network (CSN) and the University of Maryland Mid-Atlantic Water Program, courtesy of grants from the Chesapeake Bay Trust and the National Fish and Wildlife Foundation. Space is limited, and demand is high, so sign up today. Only one connection per organization per site is allowed, but archives will be made available on-line. For more information, go to:

<https://spreadsheets.google.com/spreadsheet/viewform?formkey=dF9tUEhUelhrNkVsS2JPWU5MWlcwaHc6MQ>

Clean the Bay Day

The 23rd Annual Clean the Bay Day took place on 3 and 4 JUN 11 at Navy installations within Hampton Roads. Clean the Bay Day is a locally-sponsored waterway and shoreline cleanup managed by the Chesapeake Bay Foundation. The Navy provided more than 1,175 volunteers (including 946 military and 229 civilian) for this year's event. Navy volunteers, working as partners with the Chesapeake Bay Foundation, cleaned more than 32 miles of shoreline and collected almost 22 tons of trash and debris from the installations throughout Hampton Roads. DoD REC Representative [Eddie Durant](#), one of the new DOD Chesapeake Bay Coordinators, did an outstanding job organizing the Navy team. The Installation Coordinators, the Command Coordinators, and all of the volunteers who participated in this year's event did a fantastic job. Staff from the Navy's Chesapeake Bay Program will participate in a meeting with the Chesapeake Bay Foundation's Hampton Roads Grassroots Coordinator to discuss this past year's event and to help plan next year's event.

<u>Navy Installation</u>	<u># of Volunteers</u>	<u>Miles Cleaned</u>	<u>Trash collected (pounds)</u>
NAS Oceana/Dam Neck Annex	249	3.9	2,740
JEB Fort Story	96	3.3	5,175
JEB Little Creek	177	9.0	5,422
Naval Station Norfolk	339	11.0	23,000
Norfolk Naval Shipyard	N/A	N/A	N/A
Naval Medical Center (NMC)	224	0.5	4,000
NWS Yorktown	75	4.0	2,500
Lafayette River Annex	<u>15</u>	<u>0.1</u>	<u>535</u>
TOTALS	1,175	32.7	43,372
(229 Civilian / 946 Military)			

Chesapeake Bay Program Executive Council (EC) Annual Meeting

DoD REC Chesapeake Bay Program Staff participated in the Chesapeake EC Annual Meeting at the Maymont Foundation Nature Center in Richmond on 11 July 11. The theme of this year's meeting was "Getting Grounded in Your Watershed from your Backyard to the Bay." Executive Council members in attendance included EPA Administrator, Lisa Jackson; Virginia Governor Bob McDonnell; Maryland Governor Martin O'Malley; Pennsylvania Governor Tom Corbett; District of Columbia Mayor Vincent Gray; Chair of the Chesapeake Bay Commission Senator Michael Brubaker; USDA Deputy Secretary Kathleen Merrigan; and representatives from Delaware, New York and West Virginia. The Executive Council announced progress toward meeting the

Chesapeake Bay Program's 2009-2011 Milestones, discussed plans and potential encumbrances including fiscal constraints for meeting requirements of the Bay TMDL, and encouraged individual Chesapeake Bay stewardship. Jeff Corbin and Jim Edward of the Chesapeake Bay Program reported that each of the seven Chesapeake Bay jurisdictions are currently on-track or ahead of schedule in meeting their 2-Year Milestones. Additionally, Ms. Jackson introduced the new Chesapeake Bay Program Director, Nicholas DiPasquale.

ENERGY

Energy Efficiency Tips for Summer Air Conditioner Use

The summer heat is here. The average American home spends almost 20 percent of its utility bill on cooling. Increased energy production to run cooling systems raises your costs and contributes to pollution that adversely affects the quality of the air we breathe. Here are seven simple ways to help protect your wallet and the environment:

- Use Ceiling Fans Optimally. Run your ceiling fan to create a cool breeze. If you raise your thermostat by only two degrees and use your ceiling fan, you can lower cooling costs by up to 14 percent. Remember that ceiling fans cool you, not the room, so when you leave the room make sure to turn off the fan.
- Maximize Shade. Pull the curtains and shades closed before you leave your home to keep the sun's rays from overheating the interior of your home. If you can, move container trees and plants in front of sun-exposed windows to serve as shade.
- Find the Best Thermostat Settings. If you have a programmable thermostat, program it to work around your family's summer schedule—set it a few degrees higher (such as 78 degrees) when no one is home, so you are not cooling an empty house.
- Reduce Oven Time. Use a microwave or grill outside instead of oven cooking when you can. Ovens take longer to cook food and can make your house warmer, requiring your air conditioning system to work harder to keep the house at a comfortable temperature.
- Check Air Conditioner Filters. Check your cooling system's air filter every month. If the filter looks dirty, change it. A good rule is to change the filter at least every three months. A dirty filter will slow air flow and make the system work harder to keep you cool—wasting energy. Also, remember to have your system serviced annually to ensure it's running at optimum efficiency for money and energy savings.
- Change to More Efficient Light Bulbs. Change out incandescent light bulbs with more energy-efficient lighting choices. Energy Star qualified lighting uses less energy and also produces approximately 75 percent less heat than incandescent lighting.
- Plug Duct System Leaks. As much as 20 percent of the air moving through your home's duct system is lost due to leaks and poor connections. Seal duct work using mastic sealant or metal tape and insulate all the ducts that you can access (such as those in attics, crawlspaces, unfinished basements, and garages). Also, make sure that connections at vents and registers are well-sealed where they meet floors, walls, and ceilings. These are common locations to find leaks and disconnected ductwork.

More information on ways to cut energy costs this summer: <http://www.energystar.gov/cooltips>.

TANKS

Compatibility of Underground Storage Tank Systems with Biofuel Blends (Final Guidance)

Final guidance is available on how owners and operators of underground storage tanks (USTs) can demonstrate compliance with the Federal compatibility requirement for UST systems storing gasoline containing greater than 10 percent ethanol or diesel containing greater than 20 percent biodiesel. This is guidance, not a regulation. POC is Andrea Barbery, Office of Underground Storage Tanks, Mail Code 5402P, U.S. EPA, 1200 Pennsylvania Ave., NW., Washington, DC 20460; tel: (703) 603-7137; e-mail: barbery.andrea@epa.gov ([Federal Register; July 5, 2011 \[Notices\], Pages 39095-39101](#)).

NATURAL RESOURCES

Eastern Small-Footed Bat, Northern Long-Eared Bat (06/29/11, [76 FR 38095](#)) USFWS has determined that listing the eastern small-footed bat and the northern long-eared bat, and designating critical habitat may be warranted. USFWS is initiating a review of the status of these species. The northern long-eared bat ranges across much of the eastern and north central United States, and all Canadian provinces west to the southern Northwest Territories and eastern British Columbia; however, in all these places, the species is patchily distributed and rarely found in large numbers. The eastern small-footed bat occurs from eastern Canada and New England south to Alabama and Georgia, and west to Oklahoma. Comments are due 08/29/11. For [further information](#): Clint Riley; Pennsylvania Ecological Services Field Office, State College, PA; 814-234-4090.

REGION 1



CONNECTICUT

Note: The Connecticut General Assembly convened on 5 JAN 11 and adjourned on 8 JUN 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

CT Department of Energy and Environmental Protection is Formed

The Department of Energy and Environmental Protection (DEEP) was created by [Public Act 11-80](#). Effective 1 JUL 11, DEEP brings together the former Departments of Environmental Protection (DEP), Public Utility Control (DPUC), and the energy policy group from the Office of Policy and Management (OPM). The formation of this department will enable the integration of energy and environmental programs in a more systematic, proactive, and coherent manner. Since the consolidation process is currently occurring, the [DEP](#) and [DPUC](#) websites continue to operate and are routinely updated and available for review. For more information, go to:
<http://www.ct.gov/deep/site/default.asp>.



MASSACHUSETTS

Note: The Massachusetts General Court meets throughout the year.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Proposed New Regulations Concerning Greenhouse Gas Emissions in MA

The already-existing greenhouse gas (GHG) reporting program developed a registry of the larger greenhouse gas emissions sources in Massachusetts, as required by the MA Global Warming Solutions Act of 2008. These proposed amendments will update program regulations to improve consistency with other GHG reporting programs (specifically, US EPA's GHG reporting program and recent updates to "The Climate Registry's" General Reporting Protocol). The proposed amendments will also provide additional flexibility for entities subject to reporting. In addition, these proposed regulations provide some relatively minor corrections and clarifications in response to issues raised by entities subject to reporting.

Web Link to View Draft Regulations:

<http://mass.gov/dep/service/regulations/newregs.htm#771reg11>

Public Hearing Information: Public hearings will be conducted under the provisions of M.G.L. Chapter 30A. For more information, including dates and times of the hearings please see:

<http://mass.gov/dep/public/hearings/771reg11.htm>

Public Review Period: MassDEP will accept testimony at the public hearing(s). MassDEP will accept written testimony until 5:00 PM on 19 AUG 11. Please e-mail testimony to climate.strategies@state.ma.us, or send written paper testimony to Loreen Kelley, MassDEP, One Winter Street, Boston, MA 02108.



MAINE

Note: The Maine General Assembly convened on 1 DEC 10 and adjourned on 15 JUN 11.

Legislation

ME H 725 Recycling Jobs - This legislation was enacted on 8 JUN 11 and covers small universal waste generators, small businesses and nonprofit organizations under electronic waste recycling laws; limits the number of covered electronic devices that may be dropped off at municipal collection sites or consolidator sponsored collection events to seven devices; allows for the controlled breakage of cathode ray tubes by licensed electronics demanufacturing facilities if the facilities demonstrate that they meet specified environmental health and safety standards.

ME H 841 Environmental Protection and Priority Chemicals - This legislation was enacted on 13 JUN 11. It amends the priority chemicals program; prohibits the Department of Environmental Protection from initiating rulemaking unless the chemical at issue has been included in a regulatory agenda; creates a new list of chemicals of high concern; specifies appropriate de minimis levels for each chemical of high concern; limits the definitions of children's product and consumer product; provides for safer alternatives; provides exemptions from disclosing information for priority chemicals and sales prohibitions.

ME H 899 Residential Rental Property Owner Regulations - This legislation was enacted on 22 JUN 11. It makes changes to the residential rental property laws; eliminates the presumption that a forcible entry and detainer

action commencing after a tenant files a fair housing complaint is retaliatory; relates to a tenant's affirmative defense that the landlord failed to provide reasonable accommodation; relates to the presumption of retaliation; requires a notice to the tenant regarding stored property; relates to bedbug inspections and treatments, landlord financial assistance and energy efficiency disclosure.

ME H 1089 Law Errors and Inconsistencies - This legislation was enacted on 6 JUL 11. It corrects errors and inconsistencies in the laws of the state; removes a reference to a position that no longer exists and make a technical correction; removes a reference to a council that no longer exists and makes a technical correction; corrects references to a division in the Department of Agriculture, Food and Rural Resources and the division's director to reflect position changes; strikes a reference to the Maine Athletic Commission, which was eliminated.

ME S 52 Economic Development and Stormwater Management - This legislation was enacted on 15 JUN 11. It revises the thresholds for review by the Department of Environmental Protection regarding laws governing site location of development; amends the definitions of subdivision and structure; ensures consistency between the laws governing site location of development and the Natural Resources Protection Act; provides for standards pertaining to a development's effects on existing uses, scenic character and protected natural resources; relates to vernal pool habitats and trail management.

ME S 312 Depuration Laws - This legislation was enacted on 31 MAY 11. It authorizes the Commissioner of Marine Resources to close a shellfish growing area for municipal pollution abatement activities; allows a municipality to request the commissioner to allow softshelled clam depuration harvesting in a closed area; eliminates a requirement that a depuration plant operator maintain a generalized management plan on file with the commissioner that sets forth a timeline for harvest, harvest limits and harvester selection.

Regulation

ME 9661 Hazardous Materials License - This regulation was final and effective on 14 JUN 11. It repeals an obsolete rule pertaining to hazardous materials transport licensing.



NEW HAMPSHIRE

Note: The NH General Court convened on 5 JAN 11 and adjourned on 1 JUL 11.

Legislation

NH H 392 Homeland Security and Emergency Management - This legislation was enacted on 14 JUN 11. It clarifies responsibilities of the Division of Homeland Security and Emergency Management to include the nuclear emergency response plan; expands responsibilities of advisory committee on emergency preparedness and security to include that of the former hazardous materials transportation advisory committee; establishes a reporting requirement for donations and grants received by the Bureau of Emergency Medical Services; places coordination of wartime emergency fire assistance with the State Fire Marshal.

NH H 468 Aquatic Resource Compensatory Mitigation - This legislation was enacted on 14 JUN 11. It amends the Payment for Freshwater and Tidal Wetlands Losses statutes. It modifies the percentage rate of certain administrative assessments for aquatic resource compensatory mitigation.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Governor Lynch Vetoes Bill to End RGGI Participation

On 6 JUL 11, Governor Lynch vetoed SB154, which sought to repeal New Hampshire's participation in the Regional Greenhouse Gas Initiative (RGGI). The governor's comments can be found here: <http://www.governor.nh.gov/media/news/2011/070611-sb154.htm>.

**RHODE ISLAND**

Note: The RI General Assembly convened on 4 JAN 11 and adjourned on 1 JUL 11.

Legislation

RI S 186 Health and Safety - This legislation was enacted on 28 JUN 11. It exempts from liability a person who in the normal course of government duties provides assistance or services in mitigating hazardous discharge, to further include local fire departments, districts and representatives of the Rhode Island Department of Environmental Management; does not provide immunity to individuals who are under a legal duty or contract to provide services to the responsible party.

RI S 444 Waters and Navigation - This legislation was enacted on 30 JUN 11. It allows the Director of the Department of Environmental Management to record orders or notices regarding water pollution violations in the land evidence records; provides that the director shall forward the original order or notice to the city or town wherein the subject property is located and the order or notice shall be recorded in the land evidence records in the city or town wherein the subject property is located.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

**VERMONT**

Note: The Vermont General Assembly convened on 5 JAN 11 and adjourned on 31 MAY 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Regulation

VT 1305 2010 Groundwater Withdrawal Reporting and Permitting - This regulation was adopted on 7 JUN 11. It creates procedural and technical guidelines to implement a program for the permitting of large groundwater withdrawals.

REGION 2



NEW JERSEY

The New Jersey Legislature meets throughout the year.

Legislation

NJ SCR 164 Regional Greenhouse Gas Initiative - This legislation was adopted on 29 JUN 11. It declares the Governor's withdrawal of NJ from the Regional Greenhouse Gas Initiative to be inconsistent with legislative intent; affirms support for and commitment to the Initiative.

Regulation

NJ 19521 2010 Sale of Water from the Raritan Basin System - This regulation was effective on 20 JUN 11. It pertains to the schedule of rates, charges and debt service assessments for the sale of water from the Raritan Basin System. It changes the Operations & Maintenance Rate Component from \$142.55 to \$145.66 per MG (million gallons) effective 1 JUL 11.

Coastal America Award Presented for Eco-Restoration Project

A group of federal, state, and local agencies were honored on 15 APR 11 for their combined work protecting and restoring the 350-acre ecosystem of the Lower Cape May Meadows.

Assistant Secretary of the Army Jo-Ellen Darcy presented the Coastal America Partnership Award to the groups for their work. The Cape May area is internationally renowned among birdwatchers and the Lower Cape May Meadows is one of the principal reasons. A freshwater wetland situated next to the ocean and along the Atlantic flyway, the Meadows serve as a migratory stopover for birds of prey, shorebirds, songbirds, and waterfowl. The Meadows are also an important breeding ground for many species of wildlife, both rare and common.

Those honored for their roles in preserving this natural treasure were the U.S. Army Corps of Engineers, the NJ Department of Environmental Protection, The Nature Conservancy (a non-profit group that owns a large portion of the tract), the U.S Fish and Wildlife Service, and the Borough of Cape May Point.

Working together for more than a decade, the partners restored the beaches and dunes in front of the wetlands and rehabilitated the wetlands themselves, which had been degraded by saltwater intrusion and invasive species such as phragmites.

The Coastal America Partnership consists of 16 federal departments and agencies that consult and collaborate on ways to protect and improve the coastal environment. The group's highest award is the Coastal America Partnership Award, which goes to teams that advance these goals with specific projects. For more information about this project, go to: <http://www.capemayherald.com/article/government/cape+may+point/71653-coastal+ameria+award+presented+ecorestoration+project>.



NEW YORK

The New York State Legislature meets throughout the year.

Legislation

NY A 5318 Water Withdrawals - This legislation is pending. It relates to water withdrawal permits, the review of plans to make, install, or construct, or allow to be made, installed or constructed, a public water supply system or any addition or deletion to or modification of such system, the promulgation of regulations to implement a permitting program for water withdrawals; requires annual reports of water usage and conservation measures; requires water conservation and efficiency program goals; relates to agricultural water withdrawals and interbasin diversions.

Regulation

NY 22209 2011 New Source Review Requirements for New Facilities - This regulation was adopted 15 JUN 11 to comply with 2008 and 2010 Federal NSR rules, correct typographical errors, and clarify existing rule language. It also changes New Source Review requirements for proposed new major facilities and major modifications to existing facilities.

REGION 3



DISTRICT OF COLUMBIA

Note: The Council of the District of Columbia meets twice per month throughout the year.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.



DELAWARE

Note: The Delaware General Assembly convened on 5 JAN 11 and adjourned on 30 JUN 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Regulation

No new environmental regulations of significant importance to the DoD were identified during this reporting period.



MARYLAND

Note: The Maryland General Assembly convened on 12 JAN 11 and adjourned on 11 APR 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Kinsey Named Deputy Secretary of MD Dept of the Environment

On 29 JUN 11, Kathy M. Kinsey, Senior Policy Advisor at the Maryland Department of the Environment and former Deputy Counsel to the Department, was named Deputy Secretary of the agency.

Deputy Secretary Kinsey has more than two decades of experience with MDE and the Office of the Attorney General on a broad range of permit, enforcement, and operational issues. In recent years she has been responsible for coordinating with Congressional staff on federal legislation, advising MDE Senior Staff on policy matters, assisting with the development of environmental regulatory initiatives, and working to advance Maryland's environmental policies on air pollution, climate change, energy, and restoration of the Chesapeake Bay. Prior to her appointment as Senior Policy Advisor, she served as an Assistant Attorney General and Deputy Counsel to the Department, representing the agency in enforcement and permit cases and providing advice on policy initiatives, legislation, development of regulations, and administrative issues involving the day-to-day operations of the agency. Her work was instrumental on environmental initiatives such as Maryland's Healthy Air Act, which established stringent new emission limitations for the State's coal-fired power plants, and defense of challenges to regulations implementing Maryland's landmark lead paint program.

Deputy Secretary Kinsey received a Bachelor's degree in radio, television, and film in 1975 from the University of Maryland, College Park. She earned her law degree with honors in 1987 from the University of Maryland School of Law. She worked at the Easton offices of a large law firm prior to joining the Office of the Attorney General in 1989. She served as Deputy Counsel to MDE from 1998 to 2008, supervising 18 Assistant Attorneys General providing representation to the Department on all aspects of MDE's regulatory work. She was named Senior Policy Advisor in July 2008.

Maryland Offers Beach Advisories

Local health departments monitor water quality at 204 designated swimming beaches in Maryland. When harmful bacteria reach high levels at a beach, swimmers are warned to avoid that beach until conditions improve. The Maryland Department of the Environment now offers a new website and notification system for beach advisories that includes daily rainfall updates. For more details, go to:

http://r20.rs6.net/tn.jsp?llr=fg88ficab&et=1105798946325&s=537&e=001D01AVktOWI9MobTLvUs93YyTzFSVHQ1hjdOnEpPCfyabaNTdQQs9wwhyNSFv006YAfy3uVb7bA_48AwxfKIBw335B00VFkYgKA_cqq5NLrRzQ255QTGenVBQouXakAq1r5KHPC9MO58LgrzzRWy6LuDx8xUskFvbUomjuOYnmBc=

Governor Signs New Natural Resource Laws

Governor O'Malley signed into law legislation to protect Maryland's fisheries and encourage shellfish aquaculture. Supported by scientists, watermen, fishing and environmental organizations, the new laws are designed to deter harmful fishing activity by increasing penalties for oyster, blue crab, and striped bass poachers; authorizing Natural Resources Police officers to inspect commercial fishing businesses' storage areas; and streamlining penalty imposition processes. For more information, go to:

http://r20.rs6.net/tn.jsp?llr=fg88ficab&et=1105798946325&s=537&e=001D01AVktOWI-ZfqKIfHTru6F0XLQzdHiiG9-MSm1RGgrYScT0_rPI-QtuhXPBPHb5wdz7HvJXHIJc9eHhMJn3rJbGi1uburMuVBt9xyfXXn3MloLfZPLmD2qKG0RKKwU3mXyGM9e5iJQphe0OC64jMha4Fc0j_Kvc2DHzchnCiTU=

Maryland Approves Amendments to Rules regarding Stationary Engines and Distributed Generation

On 12 May 11, the Maryland Secretary of the Environment adopted amendments to *COMAR 26.11.09 Control of Fuel-Burning Equipment, Stationary Internal Combustion Engines, and Certain Fuel-Burning Installations* which consisted of changes to definitions and the repeal of an existing regulation which was relocated to a new chapter *COMAR 26.11.36 Distributed Generation*.

Background

In May 2009, the Maryland Department of the Environment adopted the regulation COMAR 26.11.09.08-1 to establish NOx requirements for stationary generators. Generators are used, for example, by hospitals and other large facilities to provide electric power when the normal supply is interrupted. Most generators are uncontrolled and most use diesel fuel that produces relatively high NOx emissions per unit of power generated. Several years ago the Department determined that many of the "emergency" generators were being used to reduce onsite peak electric load in order to reduce electricity costs and other load shaving purposes. Demand response programs offered by the regional transmission organization PJM Interconnection (PJM) create various incentives to secure additional capacity and reduce load on the electric grid during peak demand periods. Demand response programs include emergency or various economic programs. The demand response programs are designed to incentivize end-use customers to reduce their use of electricity from the electric grid. Customers reduce their electricity use by either operating a generator or consuming less electricity through energy efficiency measures or other means, in response to electric grid needs or price signals from the wholesale market. Emergency demand response programs call on participants when a PJM emergency event has been declared.

Impact

The new regulation is applicable to facilities that operate an emergency generator, load shaving unit or curtailment service provider. Emergency generators and load shaving units may not operate for testing and maintenance between 12:01 am and 2:00 pm on forecasted poor air quality days.

Load shaving Requirements.

New Units constructed on or before January 1, 2009:

- Install NOx control to meet 1.4 grams/brake hp standard
- Must limit operation to no more than 10 hours from May 1 to September 30 (ozone season), or replace with new NSPS engine (manufactured after January 2009).

New Units constructed after January 1, 2009:

- Install NOx control to meet 1.4 grams/brake hp standard
- An engine with a capacity of 1,000 horsepower or less that meets NSPS is exempt from above.

Alternative method of achieving compliance

- Existing Load Shaving Units-Secure ozone season allowances for the total ozone season NOx emissions that are discharged after the 10 hour limit.
- New Load Shaving Units- Secure ozone season allowances for the total ozone season NOx emissions that are discharged in excess of 1.4 grams per brake horsepower emission rate.
- On a case-by-case basis, the Department will consider alternative requirements for groups of small engines performing a similar function.

Record Keeping

- Maintain an operating log that includes the date the unit operated and the total operating time for each day. Maintain log for 5 years.

For more information on Distributed generation regulation:

<http://www.mde.state.md.us/programs/Air/AirQualityPlanning/Pages/DG.aspx>.

New Stormwater Project Protects the Chesapeake Bay Watershed

A [new project](#) in coordination with the Center for Watershed Protection, called *Creating Blue Neighborhoods and Alleys in Baltimore City* will use curbside bumpouts (bioretention), permeable pavement alleyways, rain barrels, downspout disconnection, and other green infrastructure to manage stormwater in an older, highly urbanized area of the city. This one project alone will keep about 36 pounds of nitrogen, 10 pounds of phosphorus, and 1.3 tons of sediment out of the waterways and will serve as a model to be implemented in other Baltimore neighborhoods over time.

Maryland Federal Facilities WIP Phase II Meeting

DoD REC staff participated in the Maryland Federal Facilities Watershed Implementation Planning (WIP) Phase II meeting on 21 June 11. Representatives from the other military services, DoD installation managers, and other key federal agencies (USGS, GSA, USCG, DHS, etc) participated in the meeting. EPA discussed the TMDL and WIP process and indicated input from federal facilities is needed by the states NLT 1 OCT 11. Maryland plans to distribute allocations at the county level. Their goal is to have 70% of the controls in place by 2017 and 100% by 2020, earlier than the EPA's goal of 60% by 2017 and 100% by 2025. Maryland emphasized the need for federal facilities to work with the county government representatives as allocations to federal facilities will be part of the allocations issued to the counties. Maryland also indicated that federal facilities must document their BMPs (installed 2006 till current) and Erosion and Sediment Controls to get credit and installations should develop plans/schedules to meet their new allocations. The Maryland Department of the Environment is asking EPA for the acreages and land use designations for all federal facilities within the state. Maryland also indicated they are standing up a workgroup to develop trading systems. EPA complimented Maryland on leading the states in their efforts to improve water quality in the Chesapeake Bay. DoD REC Representative [Sarah Diebel](#) gave a presentation on DoD participation in the WIP pilot studies in Maryland.

Maryland Partnership Meeting

The DOD REC facilitated a meeting of the Maryland/DOD Environmental Partnership on 28 JUN 11.

Participants included representatives from MDE, DoD, various Maryland installations, Dover Air Force Base, NASA, and USDA. Rick Lego, MDE, gave a presentation on upcoming requirements of Maryland's Oil Control Program, including new multi-tiered certification requirements. Marie Halka, MDE, provided updates on: the water quality projects underway as the result of BRAC construction projects, Plan Maryland (a groundwater symposium to be in September 2011), and Maryland House Bill 57. The REC briefed the developing Maryland/DOD CZMA MOU to address issues on coastal consistency determinations. [Bernadette Reese](#) provided an update on CAA Section 112 Boiler NESHAPS for Area Sources and shared lessons learned from the recent Navy EPA multi-inspection. The next Partnership Meeting will be held mid-September 2011.



NORTH CAROLINA

Note: The NC General Assembly convened on 26 JAN 11 and adjourns on 5 AUG 11.

Legislation

NC H 119 Environmental and Natural Resource Laws - This legislation was enacted on 1 JUL 11. It amends environmental and natural resource laws to include renewable energy facility best control technology, open burning setback requirements, utility line construction erosion and sediment control, beverage container disposal, public building mercury removal, stormwater capture and reuse, compost facility water quality permit, storage tank petroleum discharges, gray water use, water well setback, Ginseng export certificates, methane capture, and hazardous waste facility financial assurance requirements.

NC S 320 Wastewater Treatment and Distribution Services - This legislation was enacted on 23 JUN 11. It provides that for the sale, lease, or discontinuance of water treatment systems, water distribution systems, or wastewater collection and treatment systems, a city may, but is not required to, submit to its voters the question of whether such sale, lease, or discontinuance shall be undertaken; provides that the referendum be conducted pursuant to the general and local laws applicable to special elections in such city.

NC S 635 Littering Offenses - This legislation is pending. It increases the fines for littering offenses and community service alternatives to fine payment.

NC S 781 Agency Rulemaking - This legislation was enacted on 13 JUL 11. It relates to agency regulations; sets forth certain requirements for agencies in the rule-making process; requires that rules be written in a clear and unambiguous manner; requires certain information to be maintained in a searchable database; establishes the Rules Modification and Improvement Program to conduct an annual review of existing rules; limits certain environmental rules; relates to environmental document requirements, Title V permits, and certain waste discharge permits.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Lejeune Prepares for 'Green' Biodiesel Fuel Delivery

(From Armed Forces Press Service)

Officials at Marine Corps Base Camp Lejeune were preparing 15 JUL for the scheduled 18 JUL delivery of the inaugural shipment of biodiesel fuel that's grown, processed and blended exclusively in North Carolina for the military. Marine Corps Maj. Gen. Carl B. Jensen, commanding general of Marine Corps Installations East, and N.C. Sen. Harry Brown will be on hand to mark what officials are calling a watershed event in the military's ongoing effort to increase its use of domestically produced renewable fuels. The delivery culminates years of collaboration facilitated by North Carolina Eastern Region's Military Growth Task Force through an initiative known as Fuel the Force, Camp Lejeune officials said. The military must meet aggressive federal mandates to reduce its energy consumption 30 percent by 2015, while increasing its use of renewable energy. Jensen detailed his energy needs at the task force's Regional Biofuels Symposium last year. "I believe strongly that we have got to break our dependence on petrochemicals," he said. "It has got to start somewhere ... and it might as well start with the military."

The establishment of regional production capacity will reduce, and eventually eliminate, the need to import fuels from distant locations, officials said. Through Fuel the Force, North Carolina's warriors and farmers have sown the seeds of a North Carolina biofuels industry that is environmentally, logically and fiscally sustainable, the announcement said. Secretary of the Navy Ray Mabus laid out five aggressive energy goals in October 2009 to improve our energy security and efficiency, increase our energy independence, and help lead the nation toward a clean energy economy. This initiative assists in achieving the energy goal of increasing alternative energy afloat and ashore where by 2020, the Department of the Navy (DON) will produce at least 50 percent of shore-based energy requirements from alternative sources and 50 percent of DON installations will be net-zero.

For more news, visit www.navy.mil.



PENNSYLVANIA

Note: The Pennsylvania General Assembly meets throughout the year.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Green Roofs to Top Bus Shelters in Center City Philadelphia

The Philadelphia Water Department has commissioned Roofmeadow to create a deployable prefab bus shelter green roof kit. The prototype is to be installed at a bus shelter across the street from City Hall. Green roofs can be used to improve water quality in dense urban environments. They help manage rain water and limit the amount of pollution and particulate matter that enters rivers and streams. They create habitat for urban wild life and mitigate the urban heat island effect. A properly designed and maintained green roof can double or triple the life span of a waterproofing membrane and provide benefits for multiple generations of urban dwellers. The bus shelter program will allow more people to see and better understand the concept of a green roof. Roofmeadow (<http://www.roofmeadow.com>) is a 14-year old Philadelphia-based green roof provider. They have designed and installed over 140 green roofs across the U.S. including Chicago City Hall.



VIRGINIA

The Virginia Legislature convened on 12 JAN 11 and adjourned on 26 FEB 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Proposed Rule

No new environmental regulations of significant importance to the DoD were identified during this reporting period.

Release of 2012 Water Quality Assessment Guidance Manual

The following manual is provided for informational purposes for those personnel responsible for stormwater management on installations located within the Chesapeake Bay watershed. On 20 JUN 11, the Virginia Department of Environmental Quality (DEQ) issued a final [2012 Water Quality Assessment Guidance Manual](#). The guidance Manual contains the assessment procedures and methods to be used for the development of Virginia's 2012 305(b)/303(d) Integrated (i.e., combined Water Quality Assessment and Impaired Waters) Report. The assessment guidance addresses the criteria of USEPA 2006 Assessment Guidance and subsequent updates (current up to March 2011). The assessment methodology includes updates for Chesapeake Bay Water Quality Standards established by USEPA, which were updated in the May 2010 addendum to Ambient Water Quality Criteria for Dissolved Oxygen, Water Clarity, and Chlorophyll for the Chesapeake Bay and its Tidal Tributaries. The assessment guidance also reflects changes in Virginia's Water Quality Standards, which became effective on 6 JAN 11. The standards were updated with refinements to the methodology used in the estimation of [pycnoclines](#) in the Chesapeake Bay. Furthermore, the use of a geometric mean for seasonal chlorophyll a criteria in the James River has now been added and the assessment guidance also includes a new section devoted to the assessment of continuous monitoring data.



WEST VIRGINIA

The West Virginia Legislature convened 12 JAN 11 and adjourned mid-MAR 11.

Proposed Legislation

No new environmental legislation of significant importance to the DoD was identified during this reporting period.

Regulation

WV 5597 2010 Ambient Air Quality - This regulation was adopted and effective on 16 JUN 11. The purpose of this rule is to establish and adopt ambient air quality standards in West Virginia for sulfur oxides, particulate matter, carbon monoxide, ozone, nitrogen dioxide and lead, equivalent to the national primary and secondary ambient air quality standards (NAAQS) established under Section 109 of the Clean Air Act, and promulgated by the United States Environmental Protection Agency under 40 CFR Part 50. These amendments incorporate by reference the federal standards.

WV 5599 2010 Standards of Performance - This regulation was adopted and effective on 16 JUN 11. It updates the effective date of the federal rules regarding new source performance standards for stationary sources that are incorporated by reference. This revised rule also incorporates by reference the following new or revised NSPS standards promulgated as of June 1, 2010: Standards of Performance for Coal Preparation and Processing Plants.

WV 5600 2010 Control of Air Pollution from Combustion of Solid Waste - This regulation was adopted and effective on 16 JUN 11. It amends rules relating to the control of air pollution from the combustion of solid waste.

WV 5601 2010 Permits for Construction - This regulation was adopted and effective on 16 JUN 11. It amends rules relating to permits for construction and major modification of major stationary sources of air pollution that cause or contribute to nonattainment.

WV 5602 2010 Control of Air Pollution - This regulation was adopted and effective on 16 JUN 11. It amends rules relating to the control of air pollution from hazardous waste treatment, storage and disposal facilities.

WV 5603 2010 Emission Standards - This regulation was adopted and effective on 16 JUN 11. It amends rules relating to emission standards for hazardous air pollutants.

WV 5636 2010 Hazardous Waste - This regulation was adopted and effective on 16 JUN 11. This rulemaking updates the effective date of federal rules incorporated by reference in the hazardous waste management rules. It also removes from the list of rules excluded from those that are incorporated by reference "Expansion to RCRA Comparable Fuel Exclusion."

WV 5637 2010 Groundwater Quality Standards - This regulation was adopted on 16 JUN 11 and effective on 1 JUL 11. The purpose of this legislative rule is to update the established minimum standards of purity and quality for groundwater located within the state. The proposed revisions reflect updates/additions made to the United States Environmental Protection Agency's 2009 Edition of the Drinking Water Standards and Health Advisories.

WV 5638 2010 Monitoring Well Design Standards - This regulation was adopted and effective on 21 JUN 11. It amends rules regarding monitoring well design standards.

PROFESSIONAL DEVELOPMENT

Conferences

DoD Sustaining Military Readiness Conference, 25-29 JUL 11, Nashville, TN

DoD personnel and stakeholders interested in military training and testing, natural and cultural resources management, and sustainable and compatible land, air, sea, and frequency use topics are invited to explore the interdisciplinary nature of sustaining military readiness, share lessons learned and best practices among colleagues and stakeholders, and participate in a broad spectrum of informative training workshops. Detailed agenda, lodging and travel information can be found at www.smrconference.com.

11th National Motor Vehicle and Aviation Training and Exposition (FedFleet), 26-28 JUL 11, Orlando, FL

FedFleet 2011 is a unique, one-stop educational experience that consolidates a comprehensive collection of fleet management, automotive procurement, aviation and marine educational sessions into a single venue. FedFleet 2011 will include GSA's Automotive Federal Vehicle Standards breakout sessions, manufacturers' panels (one for automotive, one for aircraft), a special Tuesday evening event, more Monday pre-conference activities than ever before (including a personal development workshop) and an all-day, optional pre-conference class on Basic Fleet Management. There will also be a full day of aircraft training even before the conference officially begins. Also, there will be additional breakout sessions for marine vessels and a full day of training on Thursday. For more information, go to: <http://www.fedfleet.org/>.

Greening the Procurement Cycle: The Benefits and Requirements of Greening for Government Procurement Officers, 27-28 JUL 11, Washington, DC

The training addresses each component of the federal green-purchasing program, including compliance with legal requirements and Federal Acquisition Regulation provisions. Students will learn different strategies on how to incorporate green principles into the procurement cycle, including acquisition, contract language, and existing product resources and standards (i.e., LEED). Green accounting principles, as well as available tools will be discussed. The course will cover implementation of a green procurement program, including success stories and challenges, goals, and metrics. For more information, go to:

<http://www.doiu.nbc.gov/viewevent.cfm?id=188115320&CFID=4729194&CFTOKEN=97233099>.

Energy-Efficient Product Procurement (Webinar), 4 AUG 11

This webinar outlines how to meet executive order and Federal Acquisition Regulation (FAR) requirements on purchasing FEMP designated and ENERGY STAR products. For course and registration information, go to: http://apps1.eere.energy.gov/femp/training/course_detail_live.cfm/CourseDateId=215.

National Conference on Environmental Restoration, 1-5 AUG 11, Baltimore, MD

The NCER is an interdisciplinary conference on large scale ecosystem restoration presenting state-of-the art science and engineering, planning and policy in a partnership environment. For more information, go to: <http://conference.ifas.ufl.edu/NCER2011/index.html>.

Mid-Atlantic Invasive Plant Council Conference, 3-4 AUG 11, Shepherdstown, WV

The Mid-Atlantic Invasive Plant Council will hold its [Sixth Invasive Plant Conference](#) on August 3-4, 2011. Topics for the Conference include: early detection and prevention; invasive species mapping, monitoring and control; restoration; cooperative weed management partnerships; field demonstrations of GPS technologies, mechanical and chemical control techniques, herbicide selection, mixing and sprayer calibration and personal protective equipment; and the history, spread and control of wavyleaf basketgrass. Pesticide recertification credits

will be available. For more information, please send an email to Jan McFarlan at: jlm@upenn.edu. For more information and to register, please visit:
<http://www.business-services.upenn.edu/arboretum/invasivePlantConference.shtml>.

GovEnergy, 7-10 AUG 11, Cincinnati, OH

Join federal employees and stakeholders in exchanging best practices for meeting federal energy management goals. The workshop and trade show serves to provide effective energy management training to federal employees and their associated stakeholders. In doing so, it fosters opportunities to further educate and encourage the best application of practices, products, and services as they relate to energy efficiency, re-newable energy, water efficiency, and greenhouse gas management within the federal sector. For more information, go to: <http://www.govenergy.com/Index.aspx>.

EnergySmart Conference 2011, 27-29 AUG 11, Boston, MA

Through three days of enlightening sessions and keynotes led by both industry experts and your peers, you'll be able to connect with fellow facility managers, energy decision makers, government energy officers, corporate sustainability leaders, environmental health and safety officers, energy management service providers, and smart grid industry influencers from across the globe to discuss how businesses create a positive bottom line impact through better energy management. For more information, go to: <http://www.energysmartconference2011.com/>.

GreenGov Symposium 2011, 31 OCT-2 NOV 11, Washington, DC

The 2011 GreenGov Symposium will bring together leaders from government, the private sector, non-profits and academia to identify opportunities to create jobs, grow clean energy industries, and curb pollution by greening the Federal Government. Topics covered at the 2011 GreenGov Symposium will include clean energy, energy and water efficiency, fleet management, getting to zero waste, green buildings, and greening the supply chain. More information on the 2011 GreenGov Symposium, including registration information, is available at www.greengov2011.org.

Steel Tank Institute Aboveground Tank System Inspector Training Class, 10-14 OCT 11, Baltimore, MD

Thousands of aboveground tanks will require periodic inspection because of revisions to the US EPA SPCC rule. This Aboveground Tank System Inspector Training class will help you obtain STI certification for inspecting shop-fabricated aboveground tanks, portable containers and small field-erected tanks. For more information, go to: <http://www.cvent.com/events/sti-sp001-aboveground-tank-system-inspector-training/event-summary-d8fa957ed88341f6b5ae5a5f324a8d9e.aspx>.

Second International Conference on Green and Sustainable Technology, 7-8 NOV 11, Greensboro, SC

This is a technical conference for engineers, scientists, researchers and practitioners in engineering, renewable energy technologies, architecture, construction, construction materials and related fields. For more information, visit:

http://www.fedcenter.gov/_plugins/programs/remotelink/rlink.cfm?dest=http://greenconference.ncat.edu/index.html.

Partners in Environmental Technology Symposium & Workshop, 29 NOV – 1 DEC 11, Washington, DC

The workshop is a nationally recognized conference focusing on DoD priority environmental issues. Attendees span the military services, academic and research institutions, private sector technology and environmental firms, and federal/state/local regulatory and policy making organizations. This year's event will offer an opening Plenary Session (where the SERDP and ESTCP Projects of the Year will be announced), 15 technical sessions and four short courses, more than 450 technical poster presentations, and exhibitors from funding and partnering organizations. For more information, go to: <http://symposium2011.serdp-estcp.org/>.

Sustainable Water Management Conference, 18-21 MAR 12, Portland, OR

The 2012 Sustainable Water Management Conference will be a true sustainability conference focused on water resources integration. This conference seeks to combine technical presentations with in-depth discussions on legal, regulatory, and legislative matters facing water utilities today. It will address a wide range of topics concerning sustainable water management, including managing water resources and the environment, water conservation, sustainable utilities and infrastructure, urban planning and design, and community sustainability. For more information, go to:

<http://www.awwa.org/Conferences/SpecConf.cfm?ItemNumber=56511&showLogin=N>.

TRAINING

Only the CECOS courses offered within Regions 1-3 and North Carolina are listed here (with the exception of Natural Resources and Cultural Resources courses). For further information on the courses below, other course offerings, and/or to register, visit the CECOS training website at <https://www.netc.navy.mil/centers/csfe/cecos/>.

CECOS Classroom Courses

Beginning Date	End Date	Course	Location
22 AUG 11	24 AUG 11	Facilities Project Seminar	Washington, DC
22 AUG 11	26 AUG 11	Environmental Quality Sampling	Dayton, OH
22 AUG 11	26 AUG 11	Adv. Pub Works Dept. & Fac. Eng. Comm. Operations	Washington, DC
23 AUG 11	25 AUG 11	Human Health Risk Assessment	Norfolk, VA
29 AUG 11	2 SEP 11	US Marine Corps Facilities Management	Washington, DC
25 OCT 11	28 OCT 11	Environmental Protection	Norfolk, VA
31 OCT 11	2 NOV 11	Joint Engineer Ops Course (Seabee Contingency Engr)	Quantico, VA
14 NOV 11	18 NOV 11	Environmental Quality Sampling	Cherry Point, NC
15 NOV 11	17 NOV 11	Munitions Response Site Management	Norfolk, VA
15 NOV 11	17 NOV 11	Optimizing Remedy Selection and the Site Closeout Process	Norfolk, VA
12 DEC 11	16 DEC 11	CEC Captain's Leadership Seminar	Washington, DC
10 JAN 12	12 JAN 12	Health & Environ Risk Communication Workshop	Norfolk, VA
14 FEB 12	16 FEB 12	Navy Environmental Restoration Program	Norfolk, VA
6 MAR 12	6 MAR 12	RCRA Hazardous Waste Review	SUBASE Groton, CT

Beginning Date	End Date	Course	Location
28 FEB 12	2 MAR 12	Natural Resources Compliance	Key West, FL
6 MAR 12	8 MAR 12	Adv. Historic Preservation Law & Section 106 Comp	Key West, FL
12 MAR 12	16 MAR 12	ENV Sampling Design & Data Quality Assurance	Norfolk, VA
19 MAR 12	23 MAR 12	Hazardous Waste Facility Operations	Norfolk, VA
6 MAR 12	6 MAR 12	HAZWOPER for Uncontrolled Hazardous Waste Site Workers - Refresher	Washington, DC
7 MAR 12	7 MAR 12	HAZWOPER for Uncontrolled Hazardous Waste Site Workers - Refresher	Washington, DC
8 MAR 12	8 MAR 12	HAZWOPER for Uncontrolled Hazardous Waste Site Workers - Refresher	Norfolk, VA
9 MAR 12	9 MAR 12	HAZWOPER for Uncontrolled Hazardous Waste Site Workers - Refresher	Norfolk, VA

CECOS Online Courses/Web Conferences

Beginning Date	End Date	Course	Location
Various		Advancing an Effective EMS	On-Line
Various		EPCRA and Toxic Release Inventory (TRI) Reporting	On-Line
Various		HAZWOPER for Uncontrolled Hazardous Waste Site Workers - Refresher	On-Line

NPDES Permit Writer's Training on the Web

EPA has created a web-based training series based on its popular National Pollutant Discharge Elimination System (NPDES) Permit Writer's Course. This will allow students, staff, stakeholders, and the public to access NPDES permit program training content online. The Course is a five-day training session covering the key

elements of NPDES permit development and is taught by experienced instructors. These recorded presentations enable one to review the material on demand in a self-paced environment to become familiar and comfortable with the concepts of the NPDES permit program. The NPDES web-based training series can be found at <http://www.epa.gov/npdes/training> under “Self-Paced Web Training.”

CECOS

EMS General Awareness: Computer Based Training (CBT) Module Available 24/7 at www.cecosweb.com under Training by Subject>EMS. A certificate is issued to all registered users upon completion. This module is designed to provide an awareness level overview of EMS to satisfy the requirement that ALL personnel have basic EMS knowledge. It is also to be taken as a quick refresher for anyone that takes the Advancing an Effective EMS and/or Integrated EMS/Compliance trainings.

NAVOSH & Environmental Training Center

For further information on the courses and/or to register, visit NAVOSH & Environmental Training Center website at: <http://www.safetycenter.navy.mil/training/default.htm>.

EPA Watershed Assessment Tools Training, Various Times & Locations

More information is available at: <http://www.epa.gov/waterscience/basins/training.htm>.

USDA Forest Service Continuing Education Program, Various Times & Locations

More information is available at: <http://www.fs.fed.us/biology/education/>.

EPA Online EMS Training Course

The course is available at: <http://www.epa.gov/osw/inforesources/ems/ems-101/>.

MEET THE REC

STAFF

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Director, Regional Environmental Coordination (REC) Office (757) 341- 0363	Regional NEPA, Natural Resources (757) 341-0486
REC Counsel (757) 322-2938 DSN 262-2938 or Deputy (757)-322-2812	Land Use, Encroachment (757) 322-3011, DSN 262-3011
Cultural Resources (757) 341-0372	Environmental Restoration (757) 341-0394
Potable Water, Stormwater, Groundwater, Wastewater (757) 341- 0428 or (757) 341- 0429	REC Support (757) 341-0430
Air Quality, Asbestos, Radon (757) 341- 0386	DoD Chesapeake Bay Coordinator (757) 341-0455
P2, EPCRA, RCRA - HW/SW (757) 341-0408	DoD Chesapeake Bay State Liaison - PA/VA/WV Liaison (757) 341-0383
Navy On Scene Coordinator Representative (757) 341-0449	DoD Chesapeake Bay State Liaison - DC/MD/NY Liaison (757) 341-0450

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