



**GOVERNMENT AFFAIRS, ENERGY,  
AND ENVIRONMENT**



BAY WATCH	<u>2</u>
DoD NEWS	<u>3</u>
FEDERAL ENVIRONMENTAL NEWS	<u>4</u>
ENERGY NEWS	<u>6</u>
REGIONAL	<u>7</u>
REGION 1	<u>7</u>
REGION 2	<u>10</u>
REGION 3	<u>12</u>
REGION 5	<u>14</u>
PROFESSIONAL DEVELOPMENT	<u>16</u>
INTERNET RESOURCES	<u>19</u>



**DECEMBER 2010 EDITION**

**BE PREPARED—2011 STATE LEGISLATIVE SESSIONS**

**Regional Environmental and Energy Office – Northern (REEO-N) is providing the following information to assist you in commenting on bills that have the potential to impact your mission. Prepare for the upcoming 2011 legislative sessions by tracking your bills in your state and providing comments to the appropriate Regional Environmental Coordinator.**

**Region 1** - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont, as well as, **Region 2** - New York, New Jersey, Puerto Rico, Virgin Islands.

Please submit your comments to the Army Regional Environmental Coordinator (REC) for Regions 1 and 2, [Bob Muhly](#). Mr. Muhly will communicate and coordinate with the DoD REC to create and submit a formal Department of Defense (DoD) comment.

**Region 3** - Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia. Please submit your comments to the Army REC for Region 3, [Amy Alton](#). Ms. Alton will work with you, and she will communicate and coordinate with the DoD REC to create and submit a formal DoD comment.

[Continued on page 2](#)

To be added to the distribution list and/or to receive back issues of the Northern Region Review, call or email the REEO-N Regulatory Affairs Specialist at 410-436-7248, [charlene.beairsto@us.army.mil](mailto:charlene.beairsto@us.army.mil)

**REGIONAL ENVIRONMENTAL & ENERGY OFFICE - NORTHERN WORKING FOR YOU.**

The NORTHERN REGION REVIEW provides current information on environmental activities and events relevant to U.S. Army interests in the 22 states and territories in Federal Regions 1, 2, 3 and 5. The Review is intended to be a tool useful to DoD and Army leaders, planners, and program managers in carrying out their responsibilities. The Northern Region Review monitors and targets proposed and final regulations and legislation that may affect Army or DoD operations. For further information on the Army's Regional Environmental and Energy Offices, visit:

<http://www.asaie.army.mil/Public/ESOH/OREGA/>.

**REEO-Northern Staff:**

**David Guldenzopf**  
Acting Director & DoD REC Region 5  
410-436-7100  
[david.guldenzopf@us.army.mil](mailto:david.guldenzopf@us.army.mil)

**Vance Hobbs**  
Deputy Director  
410-436-0482  
[vance.hobbs@us.army.mil](mailto:vance.hobbs@us.army.mil)

**Robert Boonstoppel**  
Regional Counsel  
410-436-1275  
[robert.boonstoppel@us.army.mil](mailto:robert.boonstoppel@us.army.mil)

**Bob Muhly**  
Army REC - Regions 1 & 2  
410-436-6224  
[robert.muhly@us.army.mil](mailto:robert.muhly@us.army.mil)

**Amy Alton**  
Army REC - Region 3  
410-436-7098  
[amy.alton@us.army.mil](mailto:amy.alton@us.army.mil)

**Patrick Timm**  
Army REC - Region 5  
410-436-4044  
[patrick.a.timm@us.army.mil](mailto:patrick.a.timm@us.army.mil)  
(Horne Engineering)

**Tom Frendak**  
Project Manager  
410-436-7616  
[thomas.frendak@us.army.mil](mailto:thomas.frendak@us.army.mil)  
(Horne Engineering)

**Charlene Beairsto**  
Regulatory Affairs Specialist  
410-436-7248  
[charlene.beairsto@us.army.mil](mailto:charlene.beairsto@us.army.mil)  
(Horne Engineering)

**Tanya Christley**  
Administrative Assistant  
410-436-7097  
[tanya.christley@us.army.mil](mailto:tanya.christley@us.army.mil)  
(Horne Engineering)  
Phone 410 436-7097  
Fax 410-436-7110

**Region 5** - Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin.

Please submit your comments to the DoD/Army REC for Region 5, [Dr. David Guldenzopf](#). The comments will be crafted, reviewed by DoD/Army REC Counsel, coordinated with the other Service RECs for Region 5, and submitted as a formal DoD comment.

**NAME CHANGE FOR REGIONAL OFFICES**

Effective October 29, 2010, the Assistant Secretary of the Army for Installations, Energy, and Environment approved a name change for our offices to better reflect the increased emphasis on energy security and Army environmental sustainability. Formally known as the Office of Regional Environmental and Government Affairs—Northern (OREGA-N), our new name is Regional Environmental and Energy Office—Northern (REEO-N).

**ACTING DIRECTOR FOR REEO-N**

Dr. David Guldenzopf has been appointed as the Acting Director and DoD Regional Environmental Coordinator of REEO-N. Dr. Guldenzopf assumed his duties as the Acting Director REEO-N on 1 December 2010. Dr. Guldenzopf will serve as the Army's senior leader responsible for an area of operation which includes 22 state and territories covering EPA Regions 1,2,3 and 5 with DoD lead in Region 5. In performing his duties as Acting Director, Dr. Guldenzopf remains an advocate for military interest in environmental and energy matters, facilitates partnering, exchanges information, and provides liaison with EPA and State regulators and legislators. Prior to this appointment, Dr. Guldenzopf served as the Principal Assistant for Sustainability to the Deputy Assistant Secretary of the Army (Environment, Safety and Occupational Health) and provided leadership, management, policy development, guidance and budget oversight for the Army's Environmental Quality Program areas. Dr. Guldenzopf routinely interacted with the Office of the Secretary of Defense, other federal agencies, Congressional staff, and Non-Governmental Organizations.

**RELEASE OF CHESAPEAKE CONSERVATION REPORT**

On December 13, 2010, the Tri-State Chesapeake Bay Commission and the Chesapeake Conservancy jointly issued a report, "[Chesapeake Landscapes: Protecting Our Investments; Securing Future Progress](#)," that specifies the ways federal, state and local government, conservation agencies and private industry can help meet a new federal goal to conserve another 2 million acres and create 300 more public access points by 2025. The report also notes that to achieve the goals, the land conservation pace over the past decade of 1.24 million acres must be maintained. The conservation recommendations in the report are organized under six categories: (1) land management "working lands" such as farm, fields and forest; (2) water quality improvements; (3) state, local and nonprofit programs strengthening; (4) expansion of federal land-conservation

investments; (5) support of emerging private sector efforts and; (6) improvement of public access to the Bay and conservation lands. The report recommends that protected lands could help states achieve the Total Maximum Daily Load (TMDL) currently being crafted by the USEPA, concluding that if best-management practices are applied to the 2 million-acre goal, an estimated 7 million pounds of nitrogen would be kept out of the estuary.

## BAY TMDL EXPECTED

The Bay TMDL will be established by USEPA prior to Dec. 31, 2010 and it will impact DoD installations within the Chesapeake Bay watershed. A team of USEPA specialists is currently reviewing the comments from the draft Chesapeake Bay TMDL and are preparing responses for inclusion in an appendix to the TMDL. The public comment period on the draft TMDL ended on November 8, 2010. The final Phase 1 WIPs were submitted by the states and D.C. on November 29, 2010.

## ARMY CHESAPEAKE BAY TOTAL MAXIMUM DAILY LOADS PILOT

The Army is currently looking at a diverse group of facilities including: Aberdeen Proving Ground, MD; Fort A.P. Hill, VA; Fort Belvoir, VA; Fort Meade, MD; Fort Detrick, MD; Fort Indiantown Gap Army National Guard, PA; Letterkenny Army Depot, PA; and Scranton Army Ammunition Plant, PA, to identify how Army facilities will meet future Chesapeake Bay TMDL requirements. The purpose of the project is to build strategies for Army facilities to use in meeting Federal Facility Load Allocations that will be required under the future Chesapeake Bay TMDL Program. POC for the project is Vance Hobbs at 410-436-0482 or [vance.hobbs@us.army.mil](mailto:vance.hobbs@us.army.mil).

## FINAL WATERSHED IMPLEMENTATION PLANS

[Final Phase 1 WIPs](#) are expected to provide a roadmap for how the six watershed states and the District of Columbia, in partnership with federal and local governments, would achieve and maintain the Bay TMDL nitrogen, phosphorus and sediment limits necessary to meet Bay water quality standards. The WIPs will help inform the Bay TMDL. Final WIPs have been submitted by [Delaware](#), [District of Columbia](#), [Maryland](#), [Pennsylvania](#), [Virginia](#) and [West Virginia](#). The Final WIP for [New York](#) will be available once it is received by USEPA. [View the Draft Baited](#).

## DoD NEWS

### NEW GREEN BUILDINGS STANDARDS FOR THE ARMY

Assistant Secretary of the Army (IE&E) Honorable Katherine Hammack [issued a policy memorandum](#) to improve high performance green buildings standards for the Army. *“Energy security, sustainability and efficiency are national security imperatives,” said Ms. Hammack. “This policy supports the Army’s global missions in a cost-effective, safe and sustainable manner that will benefit Army soldiers, families and the entire nation.”* The policy memorandum, [“Memorandum for Sustainable Design and Development Policy Update \(Environmental and Energy Performance\)\(Revision\),”](#) changes the way the Army will approach efficient design of Army facilities. The update sets the requirements throughout the planning, programming, budgeting, design and building stages and will strengthen the Army’s sustainability, energy security, and energy independence through more responsible consumption and planning. Incorporation of sustainable design and development principles, following guidance as detailed in American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) [Standard 189.1](#). this standard will reduce water and energy consumption, optimize energy efficiencies and performance, and reduce negative impacts on the natural environment. Through strategies such as siting, cool roofs, solar water heating, storm water management and water efficiency, the Army will reduce its impact on the environment. Options will be investigated and documented for each project to evaluate the Army’s ability to utilize renewable and alternative power sources on its installations in a fashion that is compatible with training missions. Commissioning, measurement and third-party verification are also required to track progress and identify opportunities for further improvement. Lifecycle-cost analyses will be mandatory to promote best business practices. *“The Army’s commitment to sustainable design and development extends beyond construction or renovation savings,” Ms. Hammack said, “High-performance buildings are critical to cost effective life cycle management of our infrastructure and national energy security. Maintaining access to vital resources, including energy, water and the*

*environment is vital for accomplishing the Army's global missions."* While the overall benefits gained through efficiencies and reduced consumption will vary based on location, buildings in compliance with the new policy are expected to yield significant energy savings for the Army over current construction standards. Preliminary analysis by the US Army Corps of Engineers indicates energy savings over current design of 45% or greater.

## **DoD SHOWS IMPROVEMENT IN MILITARY RANGE SUSTAINABILITY**

According to a recently released study by the Government Accountability Office (GAO), the Defense Department continues to show progress in addressing the sustainability of training ranges. The GAO [report](#) examined several years of DoD's annual sustainability of training ranges reports and [GAO found](#) that the 2010 report demonstrated progress in connection with specific prior GAO recommendations namely the development of "quantifiable goals in the comprehensive plan" and the inclusion of projected funding estimates for range sustainment efforts. One of the quantifiable outlined goals addressed encroachment pressures on training activities from competing operation space uses (land, air, sea, space, and cyber). Also addressed is the frequency spectrum competition in meeting military airspace challenges. Other outlined goals address management of increasing military demand for range space, impacts from new energy infrastructure and renewable energy, potential climate change impacts, and environmental stewardship. According to GAO, DoD also identified a list of training range offices in the Office of the Secretary of Defense and each of the military services responsible for "implementing the planned actions and milestones." The milestones will continue to be reviewed and updated by DoD to ensure compliance and review constraints that may be on the horizon. In addition, DoD's 2010 sustainable ranges report provides projected-funding estimates for each of the military services for fiscal years 2009 through 2015.

## **ARMY (HITS) FIRST TO ROLL OUT TRAINING**

Training platforms are merging and the Army is about to roll out a hybrid training system called the Home Station Instrumentation Training System ([HITS](#)) and the [I-HITS](#) system. The intent behind the program is to save installation time, money and space. The HITS system supports collective maneuver training for platoon through battalion units, by integrating future and legacy Tactical Engagement Simulation. The HITS system provides position location and weapons effects data for real-time exercise monitoring and after action reports. The HITS system supports force-on-force and force-on-target training across the full spectrum of operations at a security level up to Secret System High. The HITS system is part of the Live Training Transformation-Family of Training Systems (LT2-FTS) and is based on the Common Training Instrumentation Architecture ([CTIA](#)). Col. Karen Saunders, Project Director for Constructive Simulation at PEO STRI, recently said, "reductions could come in the amount of time it takes to plan and set up an exercise, and the number of personnel needed to run the operation. All this will result in less money being spent as well, how much depends on the exercise." The Army is hoping for about a 20 percent reduction in the cost of training. [PEO STRI](#) has set up a laboratory at its Orlando, FL headquarters and intends to begin integrating the systems in 2011.

# **FEDERAL ENVIRONMENTAL NEWS**

## **LEAD NAAQS .15 MICROGRAMS PER CUBIC METER**

This final rule is a compliance standard that is of interest to military stakeholders in multiple states because a state that is designated as having a non-attainment status will be required to initiate a New Source Review ([NSR](#)) permitting program for industrial facilities to ensure that new and modified sources of pollution do not impede progress toward cleaner air. Industrial installations may be required to renegotiate their permits. USEPA has issued a [final rule](#) that establishes air quality designations for 16 areas in 11 states for the 2008 lead (Pb) National Ambient Air Quality Standards (NAAQS)[ [75 FR 71033](#), November 22,2010]. Based on air quality monitoring data, USEPA is issuing this rule to identify areas that do not meet the 2008 Pb NAAQS and areas that contribute to Pb air pollution in a nearby area that does not meet the Pb NAAQS. USEPA is deferring designation for all other areas of the United States, including Indian country, pending collection and review of additional data from recently deployed Pb monitors. The Clean Air Act (CAA) requires areas designated nonattainment by this rule to undertake certain planning and pollution control activities to attain the standards as quickly as reasonably possible USEPA has established a docket for this action under Docket ID No. EPA-HQ-OAR-2009-0443 and a [fact sheet](#) on this rule. This final rule is effective on December 31, 2010.

## SUPREME COURT GHG NUISANCE CASE

The case addresses climate change, and it raises a challenge to the [Green House Gas permitting rules](#) under the Clean Air Act. This case could potentially effect the recent steps USEPA has taken to regulate GHG emissions from mobile and stationary sources under the Clean Air Act. The petitioning utilities are attempting to displace Federal common law claims based on climate change. The Supreme Court has granted a petition for certiorari filed by four electric power utilities in *Connecticut v. AEP*, a case brought by eight states, the City of New York, and three land trusts alleging that GHG emissions from the four utilities and the Tennessee Valley Authority constitute a public nuisance under federal common law. In 2009, the United States Court of Appeals for the Second Circuit reversed a decision dismissing the case as a “political question,” holding that plaintiffs’ public nuisance claims presented a justifiable legal question and rejecting utility arguments that USEPA’s recent moves to regulate GHGs under the Clean Air Act preclude tort-based remedies for climate injuries in the federal courts.

## USEPA ISSUES FINAL RULE ON STATE AUTHORITY TO ISSUE GHG PERMITS

This final rule is being watched by DoD to see what states are in non-compliance and who the final permitting authority will be in states where there are DoD facilities that currently hold Title V permits. USEPA has issued a [final rule](#) that determines which states are presently unable to issue [Prevention of Significant Deterioration \(PSD\)](#) permits for GHG sources under the Clean Air Act (CAA) [[75 FR 77698](#), December, 13, 2010]. In August of this year, USEPA proposed to determine that 13 jurisdictions lack adequate legal authority to carry out the agency’s “Tailoring Rule,” which establishes a phased-in timetable for PSD permitting of GHG sources beginning January 2, 2011. The [final rule](#) makes this determination final for permitting authorities in the following states: Arizona, Arkansas, California, Connecticut, Florida, Idaho, Kansas, Kentucky, Nebraska, Nevada, Oregon, Texas, and Wyoming. Seven of these states requested that USEPA establish a deadline of December 22, 2010 to revise their PSD regulations, thereby allowing USEPA to implement a Federal permitting program in those states by January 2, 2011, if the deadline is missed. Five other states indicated that they will be able to submit revisions to their PSD regulations soon after January 2, 2011 - before any sources applying for permits are adversely affected.

## USEPA AND NHTSA ISSUE NOTICE ON VEHICLE GHG AND FUEL ECONOMY STANDARDS

The joint effort by USEPA and National Highway Traffic Safety Administration (NHTSA) is relevant to DoD procurement requirements for federal fleet management and the upcoming new standards and guidance that results from this rulemaking will be incorporated into future fleet standards for non-tactical vehicles. USEPA and NHTSA issued a joint supplemental [Notice of Intent](#) that outlines the agencies’ [progress](#) in developing proposed GHG standards for light duty vehicles in model years 2017 through 2025 [[75 FR 76337](#), December 8, 2010]. The supplemental notice provides the agencies’ responses to comments received on a September 30, 2010, Notice of Intent describing several potential levels of stringency for the standards and initial estimates of their costs and environmental benefits. In addition, the supplemental notice describes additional analyses the agencies intend to perform in preparing the proposed standards. The agencies expect to complete the proposed standards by September 30, 2011 and issue a final rule by July 31, 2012.

## FEMP COMMENT REQUEST ON ENERGY AND WATER EFFICIENCY

This FEMP comment request and draft guidance is relevant to installation environmental energy managers because it has language and requirements to improve energy efficiency. U.S. DOE Office of Energy Efficiency and Renewable Energy (EERE), Federal Energy Management Program (FEMP) is soliciting comments on a draft guidance document, [Use of Energy and Water Efficiency Measures in Federal Buildings](#) regarding Federal agency implementation of energy and water efficiency requirements [[75 FR 78231](#), December 15, 2010]. This information may be of interest comments, data, and information regarding this draft guidance must be received by December 29, 2010. POC is Mr. Christopher Tremper, U.S. Department of Energy Federal Energy Management Program, EE-2L, 1000 Independence Ave., SW., Washington, DC 20585, (202) 586-7632, e-mail: [Chris.Tremper@ee.doe.gov](mailto:Chris.Tremper@ee.doe.gov). The draft document is available at: [http://www1.eere.energy.gov/femp/pdfs/draft\\_EISA\\_project\\_guidance.pdf](http://www1.eere.energy.gov/femp/pdfs/draft_EISA_project_guidance.pdf).

## USEPA NATIONAL ENFORCEMENT AND COMPLIANCE FOCUS

DoD installations may be impacted by USEPA enforcement and compliance focus areas. USEPA [has issued](#) their 2011 – 2013 Fiscal Year, focus areas. The following is the list of six environmental compliance and public health protection USEPA focus areas: [keeping raw sewage and contaminated stormwater out of our nation’s waters](#), [preventing animal waste from contaminating surface and ground waters](#), [cutting toxic air pollution that affects communities’ Health](#), [reducing widespread air pollution from the largest sources especially the coal-fired utility, cement, glass, and acid sectors](#), [reducing pollution from mineral processing operations](#), [assuring energy extraction sector compliance with environmental laws](#).

## NATIONAL ACADEMY CLIMATE MODELING COMMITTEE NOW FORMING

The National Board on Atmospheric Sciences and Climate has announced the start of a new project, [National Strategy for Advancing Climate Modeling](#). The project will last approximately one and a half years. This study will develop a strategy for improving the nation's capability to simulate climate and related Earth system changes on decadal to centennial timescales. The committee's report is envisioned as a high level analysis, providing a strategic framework to guide progress in the nation's climate modeling enterprise. The study committee's first meeting is tentatively scheduled for February 10-11, 2011 in Washington, DC, and the study will conclude with a final report in 2012. Further information about the project can be found at: <http://www8.nationalacademies.org/cp/committeeview.aspx?key=49288>.

## ENERGY NEWS

### NEW ARMY LEADER OF STRATEGIC AND OPERATIONAL ENERGY POLICY

The US Army recently announced the selection of Richard G. Kidd IV as the Senior Army Executive responsible for developing and implementing the Army's strategic and operational energy policy. Mr. Kidd will also serve as the Deputy Assistant Secretary of the Army for Energy and Sustainability. In this position, Mr. Kidd will be responsible for overall program direction, establishment of policies, development and refinement of strategies, and oversight for implementation of all programs and initiatives related to Energy Security and Sustainability within the Army. Mr. Kidd will coordinate and integrate both installation (traditional as well as expeditionary) and operational energy programs and strategies.

### NEW EFFICIENT LIGHTING POLICY FOR ARMY

Assistant Secretary of the Army (IE&E) Honorable Katherine Hammack recently issued a '[Memorandum on the Utilization of Efficient Lighting](#)' to reduce energy consumption and reduce adverse impacts to the environment. The memo establishes policy and guidance to use only efficient light bulbs that meet standards outlined in the Energy Independence and Security Act (EISA) of 2007. EISA requires the manufacture of energy efficient light bulbs, with efficiency standards phasing in between 2012 and 2014. It also requires the use of energy efficient lighting fixtures and bulbs in buildings constructed by the General Services Administration. "*Lighting efficiency improvements present a clear opportunity to decrease energy consumption, which is a priority for the U.S. Army, the Department of Defense and for the entire federal government,*" said Ms. Hammack. When installed bulbs fail and existing inventory is depleted, only efficient light bulbs may be purchased. Compact Fluorescent Lights (CFLs) require significantly less energy to produce the same amount of light, and need replacement 6 times less often. This means a profound reduction in electricity, maintenance and labor costs. For more information contact [Dave Foster](#), Army Public Affairs, 703-697-5344.



# REGIONAL

For more information on regional issues, contact your Regional REC as identified in the REEO - N Personnel Directory.

## NY-NJ-CT FINE PARTICLE (PM2.5) 1997 ATTAINMENT

USEPA has determined that the NY-NJ-CT fine particle (PM2.5) National Ambient Air Quality Standards (NAAQS) have now been attained [[75 FR 69589, November 15, 2010](#)]. Air emissions and National Ambient Air Quality Standards (NAAQS) in the Northeast may have a positive impact on military mission activities based on attainment of NAAQS, but will require locally specific emission evaluations. This determination is based upon quality assured, quality controlled and certified ambient air monitoring data that show the area has satisfied the standard by having monitored consistent attainment values for the 1997 PM2.5 NAAQS for the 2007-2009 monitoring period. In this rulemaking, USEPA specifies other related requirements for this determination, and also issues the rationale for (pg. 69590) this proposed action by referencing an earlier proposed rulemaking published on August 2, 2010 ([75 FR 45076](#)). The NY-NJ-CT fine particle (PM2.5) NAAQS final rule became effective on December 15, 2010.



# REGION 1

For more information on any state issues in Region 1, contact Robert Muhly, Army Regional Environmental Coordinator, Region 1, (410) 436-6224, e-mail: [Robert.Muhly@us.army.mil](mailto:Robert.Muhly@us.army.mil).

## NPDES GENERAL PERMITS FOR POTW TREATMENT PLANTS IN MA AND NH

USEPA - New England's issuance of the following permits may place increased requirements on ARNG activities in MA and NH. The Administrator of USEPA-New England has issued a notice in the Federal Register regarding the Availability of two Draft National Pollutant Discharge Elimination System (NPDES) General Permits (GP), MAG580000 and NHG580000 for Discharges from Publicly Owned Treatment Works Treatment Plants (POTW treatment plants) and other Treatment Works Treating Domestic Sewage in the Commonwealth of Massachusetts and the State of New Hampshire [[75 FR 67963](#) November 4, 2010]. The draft GPs, upon final issuance, will replace the prior POTW GP which expired on September 23, 2010. The draft POTW GP establishes Notice of Intent (NOI) requirements as well as effluent limitations, standards, and prohibitions for facilities that discharge to fresh and marine waters. The comment period closed on December 6, 2010.



## CONNECTICUT

### REMEDIATION ROUNDTABLE

The following summary is provided for informational awareness in light of cleanup actions occurring within the State, to include BRAC Cleanup at Stratford Army Ammunition Plant. The Connecticut Department of Environmental Protection (DEP) is establishing a [Remediation Roundtable](#) to provide an open forum for the exchange of ideas and [information](#) on the various site cleanup programs in Connecticut and to solicit opinions, advice and information from those outside sources on a routine and established basis. [www.ct.gov/dep/remediation](http://www.ct.gov/dep/remediation) <http://www.ct.gov/dep/remediation>.

### NEW FOCUS ON 309 COASTAL ZONE ENHANCEMENT OBJECTIVES

ARNG and Reserves may need to assess potential to impact current activities and future plans regarding training activities and planned construction within those areas designated as coastal zone enhancement areas. DEP/Office of Long Island Sound

Programs has issued a [notice](#) on the [Coastal Zone Management Act](#). DEP is soliciting comments on a draft update of its 2006 Assessment of the State's coastal management program with regard to nine coastal zone enhancement objectives identified in [Section 309](#). The 309 enhancement areas are: wetlands, coastal hazards, public access, cumulative and secondary impacts, special area management planning, ocean and Great Lakes resources, energy and government facility siting, and aquaculture. This document includes an assessment of each of the nine enhancement areas as they apply to Connecticut and identifies the relative importance of each area in consideration of the State's approved coastal management program, existing conditions, and anticipated program changes and implementation activities eligible for funding under Section 309.



## NEW DEFINITIONS CO2 EQUIVALENT EMISSIONS

For ARNG purposes, the Army will adhere to the EPA model for reporting GHG emissions. The following rule proposal is only provided for situational awareness. The Maine Department of Environmental Protection has issued a [proposed rule](#) in which the definitions of Greenhouse Gases and CO2 Equivalent Emissions have been incorporated into the amendment Chapter 100. By adding definitions of greenhouse gases and CO2 equivalent emissions, this rulemaking will give the State of Maine the means to implement its major source licensing program for greenhouse gases. These proposed amendments include updating the department's definitions to include greenhouse gases (GHGs), both individually and collectively. Note that carbon dioxide, nitrous oxide, methane, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride are defined as greenhouse gases. The comment period closed on November 29, 2010.

## PROPOSED SUBSURFACE WASTEWATER DISPOSAL RULE

This Rule proposal has the potential to impact future budgetary requirements of ARNG activities paying fees on septic systems adjacent to wetlands and water bodies. The Maine Department of Health and Human Services has issued a [proposed rule](#) referred to as Subsurface Wastewater Disposal Rules [CHAPTER NUMBER Ch. 241, PROPOSED RULE NUMBER: 2010-P295]. In this rulemaking, the Department is proposing to rearrange the content of the Wastewater Disposal Rules by making them easier to read and use, and the department is also proposing to add criteria regarding installation of septic systems adjacent to regulated wetlands and water bodies. Furthermore, this rulemaking proposal has fee revisions that comply with recently amended 30-A MRS §4211(5). The sections on design flows for septic systems have been updated, and errors and inconsistencies have been corrected. A public hearing occurred on December 1, 2010.



## DRAFT NPDES PERMITS FOR STORMWATER DISCHARGES

Future permit requirements, management practices, and prohibitions for stormwater discharges from activities with small MS4s will impact military activities in the State. USEPA - Region 1 has issued a Notice of Availability of Draft NPDES general permits for discharges from small MS4s to certain waters of the Commonwealth of Massachusetts [[75 FR 67960](#), November 4, 2010]. These draft NPDES general permits establish Notice of Intent (NOI) requirements, prohibitions, and management practices for stormwater discharges from small MS4s. USEPA is proposing to issue three general permits. Owner and/or operators of small MS4s that discharge stormwater will be required to submit a NOI to USEPA-Region 1 [[Page 67961]] in order to be covered by the general permit. Following a review and public notice of the NOI, MS4s will receive a written notification from USEPA regarding permit coverage and authorization to discharge under the general permit. The eligibility requirements are discussed in the draft permit. The small MS4 must meet the eligibility requirements of the permit prior to the submission of the NOI. The draft general permit, appendices, and fact sheet are available at: <http://www.epa.gov/region1/npdes/stormwater/>. The public comment deadline closes on December 30, 2010.



Note: The following three NHDES Rules relate to more restrictive air emission standards and actions potentially impacting military facilities and operations.

## **NEW CEMS AND MONITORING PROCEDURES**

Communications soliciting comment regarding this rule when it was in its draft phase were presented to the NH ARNG. Now that the rule is final, ARNG may need to adjust monitoring appropriately. The New Hampshire Department of Environmental Services (DES) has issued a [final rule](#) on Testing and Monitoring Procedures (Env-A 800). This rulemaking specifies the minimum testing and monitoring procedures, calculation procedures, standards, and requirements in order to determine compliance with New Hampshire Rules Governing the Control of Air Pollution procedures. The existing rules expired on October 31, 2010. DES readopted the rules with amendments that clarify and update the changes to the continuous emissions monitoring (CEM) rule and explain in more detail technical requirements. The final rules apply to an owner or operator of a source that is required to monitor or test its air emissions. The final rule was adopted and went into effect on October 31, 2010.

## **UPDATES TO NSPS AND NESHAP**

This [proposed rule](#) was raised due to its potential impact to ARNG operational capabilities, both in man hours and budgetary requirements. DES has issued a proposed rule on Federal Standards on National Emission Sources for Hazardous Air Pollutants (NESHAP) Annual Update (Env-A 500). The Standards are applicable to certain new or modified facilities and sources of Hazardous Air Pollutants. This rulemaking incorporates by reference federal new source performance standards (NSPS) and (NESHAP). The Department is authorized to implement and enforce these standards through a delegation agreement with the USEPA. In accordance with the delegation agreement, the Department updates the chapter annually to adopt any new federal standards. The proposed rule thus changes the edition of the Code of Federal Regulations cited in the rule from July 1, 2009 to July 1, 2010. Entities subject to this rule include new and modified sources that are in categories regulated by NSPS, and sources that emit hazardous air pollutants as those are regulated by NESHAP. A public hearing occurred on November 30, 2010. The comment deadline closed on December 10, 2010.

## **UPDATES TO REGULATED TOXIC AIR POLLUTANTS AND AMBIENT AIR LIMITS**

This proposed rule was raised based on potential impacts to ARNG activities regarding changing values of Regulated Toxic Air Pollutants (RTAPs). DES has issued a [proposed rule](#) on RTAPs and the proposed changes to the Env-A 1450.01 RTAP list and update the existing RTAPs to reflect current scientific data based on the American Conference of Governmental Industrial Hygienists and their 2010 updates. This rulemaking also amends Env-A 1405.05, Adjusted In-stack Concentration Method, so that an owner or operator can choose between demonstrating that uncontrolled emissions of each RTAP are equal to or below the ambient air limits (AAL) or that actual emissions of each RTAP not subject to treatment or removal control equipment are 50% or less of the AAL. The amendments may affect owners and operators of stationary sources that emit any RTAPs being added or removed from the list and any RTAPs for which the AAL(s) and/or *de minimis* value (s) are being changed. A public hearing occurred on November 30, 2010. The written comment period closed on December 10, 2010.



## VERMONT

### PROPOSED GROUNDWATER WITHDRAWAL REPORTING AND PERMITTING RULE

VT ARNG determined that the proposed rule will not impact activities, but is provided for situational awareness. The Vermont Agency of Natural Resources (VTANR) has issued a proposed rule that would create procedural and technical guidelines to implement a program for the permitting of large groundwater withdrawals ([Rule # 10P047](#)). This rule does not apply to the withdrawal of surface water. Those affected include: bottled water facilities and other large users of groundwater for commercial or industrial purposes. Potentially affected entities include golf courses, biomass facilities, car washes and other large groundwater users. This rule does not affect public community water systems or facilities connected to public community water systems. Permitting costs may range from \$20,000 to \$100,000. A public hearing occurred on December 9, 2010.

### AIR POLLUTION CONTROL REGULATIONS

Proposed permitting process rule revisions may result in additional time and expense for ARNG activities in obtaining air permits. VTANR has issued a [proposed rule](#) relating to the Permitting Process in Air Pollution Control Regulations. Amendments are being proposed to the Air Pollution Control Regulations to revise the permitting provisions in Subchapters IV (Operations and Procedure), V (Review of New Air Contaminant Sources), and X (Operating Permits); update Sections 5-251 (Control of Nitrogen Oxides Emissions), 5-252 (Control of Sulfur Dioxide Emissions), and 5-271 (Control of Air Contaminants from Stationary Reciprocating Internal Combustion Engines); and make related changes to Subchapter I (Definitions). Corresponding revisions to Vermont's State Implementation Plan (SIP) are also being proposed as required. Many of the amendments are being proposed to implement and ensure consistency with existing state laws, including recent amendments to ([Rule # 10P046](#)) 10 V.S.A. §§ 556 and 556a to streamline the permitting process, and to make updates to meet current federal requirements, such as USEPA's [Greenhouse Gas Tailoring Rule](#). A public hearing occurred on December 6, 2010, and the comment period closed on December 13, 2010.



## REGION 2

For more information on any state issues in Region 2, contact Robert Muhly, Army Regional Environmental Coordinator, Region 2, (410) 436-6224, e-mail: [Robert.Muhly@us.army.mil](mailto:Robert.Muhly@us.army.mil).



## NEW YORK

### NEW REQUIREMENTS FOR GWR

Additional requirements placed upon Public Water Systems (PWS) for purposes of groundwater protection have the potential to impact future water supplies provided at military reservations. The New York Department of Health has issued a [proposed rule](#) (pg. 19) that revises the state Public Water Systems (PWS) regulations, in [10 NYCRR Subpart 5-1]. The amendments are proposed to implement federally mandated provisions of the Ground Water Rules (GWR) that were promulgated in October 2006 and became effective December 1, 2009. The GWR aims to improve upon the protection provided by existing sanitary survey requirements for Ground Water Systems (GWSs). A risk-targeted approach was selected for implementation due to the complexities involved in monitoring for the wide range of specific pathogenic bacteria and viruses that could more easily be indicator microorganisms. Based on source water sampling results, as well as sanitary survey results, PWS will be required to take action to minimize the possible presence of pathogenic bacteria and viruses that pose threats to human health. The comment deadline closes on January 1, 2011.

### USEPA PARTIAL APPROVAL OF NY PSD THRESHOLD PROVISIONS

Final rule authority of USEPA partial approval of NYSDEC's SIP for PSD is provided for situational awareness. USEPA has issued a final rule regarding Promulgation of Implementation Plans per New York Prevention of Significant Deterioration (PSD) for Air

Quality [[75 FR 70140](#), November 17, 2010]. In this rulemaking USEPA is granting partial approval to revisions of the New York State Implementation Plan (SIP) submitted by the New York State Department of Environmental Conservation on March 3, 2009. As a result of this action, New York will implement its own PSD for Air Quality and Nonattainment New Source Review (NNSR) State regulations. These revisions create a new State PSD regulation program and modify the existing NNSR regulations in the SIP. These revisions also address changes mandated by the revised Federal New Source Review (NSR) regulations, referred to as the "2002 NSR Reform Rules." USEPA has established a docket for this action under Docket ID No. [EPA-R02-OAR-2010-0321]. This rule is effective on December 17, 2010.



## NEW JERSEY

### **NEW PERMIT APPLICATION FEES**

Revised permit payment schedules may impact ultimate receipt of permits by DoD in light of NJDEP's limited acceptable payment methods (i.e., credit card). NJDEP has issued a [proposed rule](#) in which the Department has set several new payment schedules for permit application fees. The rules at N.J.A.C. 7:1L-1.1 through 2.7 establishes a payment schedule for permit application fees that exceed \$1,000. The rules apply to permits issued under Federal law, and several state laws. Under the fee payment schedule, one-third of the total fee is payable when the application for the permit is submitted; one-third is payable when the application is deemed complete for purposes of beginning a technical review; and the final third is payable when the Department takes final agency action on the permit application. This payment schedule is mandated by N.J.S.A.13:1D-120 through 124. The Department proposes to readopt [N.J.A.C. 7:1L](#) without change. In addition, the rules set forth definitions, procedural requirements for applicants seeking to use the installment protocol, and new provisions regarding the processing of permit applications. The comment deadline closed on December 17, 2010.

### **PROPOSED COASTAL ZONE MANAGEMENT RULES**

For future planning purposes regarding mission requirements whether it be training, construction, or other DoD operational needs, the proposed CZM Rules are provided for situational awareness. Numerous elements ranging from Threatened Endangered Species (TES) habitat, energy use, scenic resources, and permitting, etc. currently incorporated in the CZM Rule are more progressive than former requirements, thus warranting site specific assessment. NJDEP has issued a [proposed rule](#) on Amendments to the Coastal Management Program (NJCMP). The proposed changes would incorporate into the NJCMP several amendments to the Coastal Zone Management (CZM) rules regarding endangered and threatened wildlife and plant species habitat. Furthermore, the rules specify Atlantic City endangered or threatened wildlife or plant species habitat evaluations and impact assessments, energy use, high-rise structures and scenic resources. Also incorporated into this rulemaking are several regulatory amendments to the Coastal Permit Program rules regarding the addition of permits-by-rule and coastal general permits for the construction of wind turbines and solar panels. In addition there is an exemption for certain wind and solar developments from requiring a coastal permit. The rulemaking has a NJDEP Large Scale Wind Turbine Siting Map and the NJDEP Technical Manual for Evaluating Impacts of Wind Turbines Requiring Coastal Permits. On September 7, 2010, the Department adopted and made effective these regulatory amendments to its CZM rules. The Department considers the above actions to constitute a "Routine Program Change" of the New Jersey Coastal Management Program.

### **BILL A 3514 ON SETTING TMDL FOR BARNEGAT BAY**

Water quality standards and revised TMDLs being adjusted to improve local water bodies will likely impact training activities and future mission requirements. The outcome of the Barnegat Bay legislation may qualify future legislation to come. On November 18, 2010, Assembly Member John McKeon (D) introduced [Bill A3514](#), to the Assembly Environment and Solid Waste Committee, regarding an Act concerning the water quality of Barnegat Bay, and supplementing P.L.1977, c.74 (C.58:10A-1 et seq.). This Bill would require the NJDEP to conduct a study and prepare a report that evaluates the water quality of Barnegat Bay to determine whether the bay is impaired as described pursuant to section 303(d) of the federal Clean Water Act, 33 U.S.C.S. 1313. The study would examine whether the waters of Barnegat Bay meet State water quality standards, and would be required to focus on the impairments caused by phosphorus, nitrates and excessive sediment. Upon a finding that the Barnegat Bay is impaired, the Bill would require the Department to develop total maximum daily loads for the bay. Identical Bill: S.B. 2341.



# REGION 3

For more information on any state issues in Region 3, contact Amy Alton, Army Regional Environmental Coordinator, Region 3, (410) 436-7098, e-mail: [Amy.Alton@us.army.mil](mailto:Amy.Alton@us.army.mil).

## DELAWARE RIVER BASIN COMMISSION INCREASES WATER CHARGES

The Delaware River Basin Commission ([DRBC](#)) has issued a [proposed rule amendment](#) (pg. 1144) that relates to a proposed increase in the schedule of water charges in the Delaware River Basin. This may impact military facilities within the Delaware River Basin with DRBC Dockets. The ability of federal facilities to pay these charges is subject to question. Specifically, the consumptive use rate is proposed to be increased from \$60 to \$80 per million gallons effective on January 1, 2011. The non-consumptive use rate is proposed to be increased from \$.60 to \$.80 per million gallons effective on January 1, 2011. For information on implementation of the increase, contact DRBC at (609)883-9500.

## EIGHT HOUR OZONE ONE YEAR EXTENSION FOR DE, MD, AND PA

USEPA has issued a proposed rule that would extend the attainment date for the Delaware, Maryland, and Pennsylvania portions of the Philadelphia-Wilmington-Atlantic City nonattainment area (Philadelphia Area), from June 15, 2010 to June 15, 2011 [[75 FR 68736](#), November 9, 2010]. Since being in attainment does not require greater restrictions for pollutant sources, this will have a positive or negligible impact on military facilities in the area covered by the extension. The Philadelphia Area is classified as moderate for the 1997 8-hour ozone national ambient air quality standard (NAAQS). Pennsylvania, Maryland, and Delaware requested a one-year attainment date extension for the Philadelphia Area on May 18, 2010. The Philadelphia Area consists of: Cecil County in Maryland; Bucks, Chester, Delaware, Montgomery and Philadelphia Counties in Pennsylvania; the entire State of Delaware; and Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester, Mercer, Ocean, and Salem Counties in New Jersey. USEPA is approving the extension of the attainment date for the New Jersey portion of the Philadelphia Area in a separate rulemaking. The comment period closed on December 9, 2010.



## DELAWARE

## SURFACE WATER QUALITY STANDARDS

The Delaware Department of Natural Resources and Environmental Control (DDNREC) has issued a [final rule](#) that approves amendments to 7 DE Admin. Code 7401 the Delaware Surface Water Quality Standards. The final rule derives from a comprehensive review of the standards that was initiated by DDNREC Start Action Notice #2008-24, approved on October 29, 2008. The final rule does not reflect any substantive change from the proposed rule. This rule is included for situational awareness for DE Army National Guard. This final rule brings Delaware in compliance with the federal Clean Water Act (CWA) and will satisfy USEPA requirements. The final rule became effective on December 11, 2010.

## VOC EMISSION REQUIREMENTS

This rule may impact emission-source control technology aspects of DoD painting and/or cleaning operations. DDNREC Division of Air and Waste Management has issued a [proposed rule](#) on the control of Volatile Organic Compound (VOCs) Emissions. The Clean Air Act (CAA) Section 182(b)(2) requires that all ozone non-attainment areas, including Delaware, develop and update relevant regulations to implement Reasonably Available Control Technology (RACT) controls on emission sources covered in USEPA's Control Techniques Guidelines (CTG) or Alternate Control Techniques (ACT), and submit the regulations to USEPA as State Implementation Plan (SIP) revisions. Recently, USEPA has updated several CTGs and the revisions to 7 DE Admin. Code 1124 that reflect DE's efforts accordingly. Specifically, the revisions pertain to: (1) Section 8.0, Handling, Storage, and Disposal of VOC; (2) Section 13.0 Automobile and Light-Duty Truck Coating Operations; (3) Section 16.0 Paper Coating; (4) Section 23.0 Coating of Flat Wood Paneling; (5) Section 37.0 Graphic Art Systems; (6) Section 45.0 Industrial Cleaning Solvents; (7) Section 47.0 Offset Lithographic Printing.



## MARYLAND

### TRIENNIAL REVIEW OF STATE WATER QUALITY STANDARDS

The Maryland Department of Environment (MDE) has issued a [final rule](#) (pg.1660) that updates the triennial review of the state water quality standards. The rule amends Regulations [.03-2, .03-3, .04-1, .05-1, and .08 under 26.08.02 Water Quality] and was reported as proposed in the November 2010 *Northern Region Review*. This final rule is for situational awareness related to updates to how the state will conduct its triennial review of state water quality standards and amendments to designated uses which may change how DoD can operate within certain highly valued waterways. The final rule became effective November 29, 2010.



## PENNSYLVANIA

### UNIFORM ENVIRONMENTAL COVENANTS ACT

The Pennsylvania Department of Environmental Protection (PADEP) has issued a final rule relating to the administration of the Uniform Environmental Covenants Act (UECA) (25 PA. Code Ch. 253). This will only impact DoD upon land transfer from federal ownership, and if that land involves a risk-based clean-up. The [final rule](#) (pg. 6654) specifies the step-by-step outline of when environmental covenants are required to be used, how they are created, what they must contain and when they must be submitted to PADEP. Independent Regulatory Review Commission (IRRC) review gave final approval on October 21, 2010. The final rule went into effect on November 19, 2010.

### ADOPTION OF NEW VOC EMISSION REQUIREMENTS

This rule will impact any owner or operator, including DoD, of a facility or stationary source that uses or applies, on or after April 15, 2010, a regulated adhesive, sealant, adhesive primer or sealant primer product. PADEP has issued a [final rule](#) that relates to Volatile Organic Compound (VOC) emission limits for the use and application of 37 categories of products including adhesives, sealants, adhesive and sealant primers, and adhesive or sealant products applied to particular substrates. The final-form rulemaking amends Chapter 129 to limit emissions of VOCs from the use and application of coatings and cleaning materials in paper, film and foil surface coating processes. The rule was approved by the IRRC at its meeting on November 4, 2010 and became effective on November 20, 2010.

### LEAD AND COPPER RULE SHORT TERM REVISIONS

The Pennsylvania Environmental Quality Board (EQB) has issued a [final rule](#), the Lead and Copper Rule (LCR) Short Term Revisions [#7-437 IRRC Number: 2790] that amends 25 Pa. Code Chapter 109. This final rule amends the lead and copper rules of DEP's Safe Drinking Water regulations to incorporate federal requirements needed to maintain primary enforcement authority. For DoD, this means water systems must meet both water quality parameter ranges and the lead and copper action levels to remain on a reduced monitoring schedule. Note that this is more stringent than the Federal regulation because USEPA allows systems to exceed copper and remain on a reduced frequency. The rule was approved by the IRRC on November 4, 2010, and became final upon publication in the PA Bulletin on November 20, 2010.



# REGION 5

For more information on any state issues in Region 5, contact Dr. David Guldenzopf, Acting DoD Regional Environmental Coordinator, Region 5, (410) 436-7100, e-mail: [david.guldenzopf@us.army.mil](mailto:david.guldenzopf@us.army.mil)

## NEW ARMY REGION 5 REGIONAL ENVIRONMENTAL COORDINATOR

Mr. Patrick Timm brings years of successful environmental project and program management experience to his new position as the REEO-N Region 5 Army Regional Environmental Coordinator. Mr. Timm served at various levels of responsibility in the US Army and DoD environmental programs and has extensive experience in coordinating and negotiating complex and sensitive regulatory issues with Local, State and Federal regulatory agencies. Mr. Timm is no stranger to the REEO. During the mid - 1990's, while acting as Chief of Staff for the then US Army Environmental Center, he spearheaded the efforts to establish the four Army Regional Environmental Offices. A retired US Army Corps of Engineer officer, Mr. Timm previously served as the Bechtel Pueblo Team Environmental Manager at the Pueblo Chemical Agent – Destruction Pilot Plant, Pueblo, CO. Prior to that assignment he served as the Environmental Manager of the Aberdeen Chemical Agent Disposal Facility, Aberdeen Proving Ground, MD. Mr. Timm holds a Master of Science degree in Occupational Safety and Health from University of Wisconsin - Whitewater, WI, as well as Bachelor of Science degree in Water Quality Management from University of Wisconsin - Stevens Point, WI. WELCOME PAT.



## INDIANA

### ATTAINMENT FOR LAKE AND PORTER COUNTIES AND LAWRENCEBURG TOWNSHIP, DEARBORN COUNTY

The Indiana Department of Environmental Management (IDEM) /Air Pollution Control Board has issued a [final rule](#) on Attainment Re-designation for the Lake and Porter Counties and Lawrenceburg Township, Dearborn County for 8-Hour Ozone. Specifically IDEM, has made changes to 326 IAC 1-4-16, 326 IAC 1-4-46, and 326 IAC 1-4-65 to incorporate the final federal approval for redesignating these areas as in attainment for Ozone. This will have a minimum positive impact on National Guard facilities in region. The rule became final and effective on November 14, 2010. As reported in the November edition, IDEM had issued an emergency rule temporarily amending [326 IAC 1-4](#). That rule expired on September 1, 2010.

### PROPOSED NEW LANGUAGE FOR RULES ON CROSS CONNECTION CONTROL

IDEM/Water Pollution Control Board has issued a notice and [proposed rule](#), [LSA Document # 10-414] referred to as the *DEVELOPMENT OF AMENDMENTS TO RULES CONCERNING INCORPORATION BY REFERENCE OF [CROSS CONNECTION CONTROL DOCUMENTS AND RELATED TECHNICAL CHANGES AT 327 IAC 8-10](#)*. Specifically, IDEM has developed draft rule language for amendments to 327 IAC 8-10 to: (1) incorporate by reference the "Manual of Cross Connection Control," Tenth Edition, published October 2009, from the Foundation for Cross Connection Control and Hydraulic Research, University of Southern California (USC), (2) incorporate by reference the May 11, 2010, "List of Approved Backflow Prevention Assemblies," by the Foundation for Cross Connection Control and Hydraulic Research of USC, and (3) make related technical corrections for clarification and accuracy. The purpose of this notice is to seek public comment on the draft rule, including suggestions for specific language to be included in the rule. IDEM seeks comment on any other provisions of Title 327 that may be affected by this rulemaking. The Water Pollution Control Board held a public hearing on the amendments on December 8, 2010. The impact on DoD is still to be determined. The rule is still being prepared.



## NEW REQUIREMENTS FOR GWR

The Ohio Environmental Protection Agency has issued a [final rule](#) on new Ground Water Rules and revisions to rules in the Ohio Administrative Code (OAC) to adopt the federal Ground Water Rule (GWR)[[OAC 3745-9-08](#)]. The impact on DoD is expected to be insignificant. The GWR was published in the Federal Register on November 8, 2006. The draft rules and amendments to the OAC are, in part, a result of the five year rule review requirements of Section 119.032 of the Revised Code. The purpose of the federal GWR is to provide for increased protection against microbial pathogens, such as fecal contaminants found in public water systems that use ground water sources. This rule establishes a risk-targeted approach, identifying ground water systems that are susceptible to fecal contamination rather than requiring disinfection for all ground water systems. The rule requires ground water systems at risk of fecal contamination to take corrective action to reduce cases of illnesses and deaths due to exposure to microbial pathogens. The final rule went into effect on October 31, 2010.



## INDIRECT SOURCE PERMIT REQUIREMENTS

The Wisconsin Department of Natural Resources (DNR) has issued a [proposed rule](#) [AM-34-05, NR 411] on Indirect Source Permit Requirements. If adopted the rule will reduce the time and expense for DoD in obtaining indirect source air permits on large construction projects. The proposed rule revision will allow a general construction permit option for most indirect sources, providing industry and the Department with a streamlined approach to permitting. The proposed general construction permit option will eliminate carbon monoxide modeling as a requirement for most indirect source permit applications and will eliminate the screening level analysis for roadway capacity expansion projects. Indirect sources may still request a standard indirect source permit with carbon monoxide modeling. The proposed rule revision will eliminate the requirement for indirect source operational permits and focus control measures toward diesel and particulate matter emissions. The basis for permit exemptions is proposed to change from total vehicle capacity to total impervious surface dedicated to parking and maneuver. The proposed rule revision includes an exemption option for sources that agree to adopt superior environmental performance through the [Green Tier program](#). Green Tier program is a collaborative system of contracts and charters crafted jointly by participating businesses and the DNR. These contracts and charters streamline environmental requirements while advancing new environmental technologies. The comment period on the proposed rule closed on November 29, 2010.

WHAT	WHEN	WHERE	DETAILS
<u><a href="#">THE 2011 NORTH AMERICAN ENVIRONMENTAL FIELD CONFERENCE AND EXPOSITION</a></u>	<b>JANUARY 11 – 13</b>	<b>SAN DIEGO, CA</b>	The theme of the conference is "Advances and Innovations in Environmental Site Characterization, Sampling, Monitoring & Remediation Technology."
<u><a href="#">CENTER FOR WATERSHED PROTECTION SHORT COURSE</a></u>	<b>JANUARY 20 – 21</b>	<b>BALTIMORE, MD</b>	The Center for Watershed Protection has partnered with the University of Wisconsin-Madison to present an outstanding short-course focused on meeting TMDL, LID and MS4 stormwater requirements. Reduce pollution load, control runoff volume, achieve LID/sustainability/green compliance. Learn WINSLAM.
<u><a href="#">NCSE NATIONAL CONFERENCE ON SCIENCE POLICY AND THE ENVIRONMENT</a></u>	<b>JANUARY 19 – 21</b>	<b>WASHINGTON, DC</b>	The conference will provide a forum to address the crisis facing the oceans, new knowledge and innovative tools to face the challenge, and the policy and governance needed to restore and protect the oceans.
<u><a href="#">NATIONAL SECURITY SYMPOSIUM, 26TH ANNUAL RESERVE COMPONENT EXPO</a></u>	<b>JANUARY 29 – 30</b>	<b>WASHINGTON, DC</b>	The 2011 newly branded National Security Symposium where industry, reservists, and senior leaders will gather to exchange ideas, renew their commitment to the security of our nation, and celebrate the dedicated service of this nation's Citizen Warriors.
<u><a href="#">DELAWARE ESTUARY SCIENCE &amp; ENVIRONMENTAL SUMMIT</a></u>	<b>JANUARY 30 FEBRUARY 2</b>	<b>CAPE MAY, NJ</b>	The Environmental Summit entitled "Connections—Land to Sea, Shore to Shore & Science to Outreach."
<u><a href="#">14TH ANNUAL ENERGY AND ENVIRONMENT CONFERENCE</a></u>	<b>JANUARY 31 FEBRUARY 1</b>	<b>PHOENIX, AZ</b>	This is one of the USA's largest, and most prestigious 'must attend' annual networking and educational events, where over 2500 delegates, including environmental business leaders, energy executives, NGOs and government policymakers, attend a technical program with 650+ presentations, and a networking exhibition with 200 companies.
<u><a href="#">RENEWABLE ENERGY STORAGE 2011.</a></u>	<b>FEBRUARY 1 – 3</b>	<b>WASHINGTON, DC</b>	The conference will equip utility and renewable generation executives with continuing knowledge and insight into leading edge technologies, policy and regulatory updates, planning and investment opportunities as well as preparation for future storage projects.
<u><a href="#">COMMUNITY AND SMALL WIND CONFERENCE MID ATLANTIC</a></u>	<b>FEBRUARY 8 – 9</b>	<b>STATE COLLEGE, PA</b>	A two-day regional conference on local, state and national policies, and options for financing Community and Small Wind projects. The conference will also include practical information on how to put together a Community Wind project.

WHAT	WHEN	WHERE	DETAILS
<u><b>MUNICIPAL SOLID WASTE TO BIOFUELS SUMMIT 2011</b></u>	<b>FEBRUARY 11- 12</b>	<b>CHICAGO, IL</b>	This conference is the only event completely centered on building partnerships and securing funding to deliver full scale commercialization in the municipal waste to biofuels industry and addresses the issues which block commercial progress. It will unlock the vast potential of Municipal solid waste as a profitable feedstock for the biofuels industry.
<u><b>SIXTH ANNUAL MILITARY ENERGY ALTERNATIVES CONFERENCE</b></u>	<b>FEBRUARY 23 - 25</b>	<b>WASHINGTON, DC</b>	The Marcus Evans 6 <sup>th</sup> Annual Military Energy Alternatives Conference will bring together key stakeholders across the alternative and renewable energy community to discuss strategies for bolstering the existing energy infrastructure, augmenting power grid capabilities, advancing energy security, creating portable and lightweight alternative power options, and improving energy efficiency to compliment mission objectives.
<u><b>GHG EMISSIONS INVENTORIES FOR FEDERAL FACILITIES</b></u>	<b>MARCH 15-16</b>	<b>ANNAPOLIS, MD</b>	This course was developed to help federal agency staff in meeting EO 13514, near term requirements and achieving reduction targets. The course provides insight and methodologies for performing, evaluating, and monitoring GHG inventory efforts and the use of federal calculation tools where applicable. In addition to GHG inventories, the course will provide the principals and methods regarding the other aspects of EO 13514 .
<u><b>THE EIGHTH ANNUAL DOD 2011 ENVIRONMENTAL MONITORING &amp; DATA QUALITY WORKSHOP</b></u>	<b>MARCH 28 APRIL 1</b>	<b>ARLINGTON, VA</b>	This Workshop is open to all interested members of the environmental community involved with DoD sites or projects including representatives from the services, other federal agencies, state, local, and tribal governments, academia, and the private sector. It will include technical training sessions, technical presentations, a Q&A Forum, component meetings, a plenary session featuring distinguished speakers, an update on the DoD ELAP.
<u><b>NATIONAL BROWNFIELDS CONFERENCE</b></u>	<b>APRIL 3 - 5</b>	<b>PHILADELPHIA, PA</b>	This conference focuses on cleaning up and redeveloping abandoned, underutilized, and potentially contaminated properties.
<u><b>NATIONAL ASSOCIATION OF FLEET ADMINISTRATORS (NAFA) 2011 INSTITUTE AND EXPO.</b></u>	<b>APRIL 9 - 12</b>	<b>CHARLOTTE, NC</b>	This conference will include information on the latest in green products and services. Attendees will be able to test drive various alternatively fueled vehicles. The conference offers 60+ hours of training, education and workshops.

WHAT	WHEN	WHERE	DETAILS
<u><b>ENGINEERING SUSTAINABILITY 2011: INNOVATION AND THE TRIPLE BOTTOM LINE</b></u>	<b>APRIL 10 - 12</b>	<b>PITTSBURGH, PA</b>	The intent of this conference is to bring together engineers and scientists to share results of innovative research and practice directed at development of environmentally sustainable buildings and infrastructure.
<u><b>Energy Efficiency Global Forum</b></u>	<b>APRIL 12 - 14</b>	<b>BRUSSELS, BELGIUM</b>	The EE Global Forum convenes energy efficiency leaders from around the world for a three-day conference to power the emerging clean-energy economy. Speakers and attendees – ranging from Members of the European Parliament to appliance manufacturers – share the latest industry trends in an effort to make energy efficiency the world's "first fuel." EE Global has quickly transformed into the must-attend energy efficiency event of the year.
<u><b>E2S2 Symposium and Exhibition</b></u>	<b>MAY 9 - 12</b>	<b>NEW ORLEANS, LA</b>	NDIA's Environment, Energy & Sustainability Symposium & Exhibition is the place to hear latest policy and budget changes, and begin planning for FY12. Come interact with your military colleagues and professional counterparts in the Environment, Energy, and Sustainability communities in meeting the challenges to secure and sustainable energy.
<u><b>REMTEC SUMMIT 2011</b></u>	<b>MAY 16 - 19</b>	<b>CHICAGO, IL</b>	The summit delivers a unique platform focused on advancing the environmental science and remediation industry. It is the place to hear essential sources of information on technology, application and policy affecting contaminated site restoration field from leading experts within the academic, regulatory, industry and environmental-consulting communities.
<u><b>SAME Joint Engineer Training Conference (JETC)</b></u>	<b>MAY 24 - 27</b>	<b>FORT WORTH, TX</b>	The 2011 JETC features six technical tracks addressing timely issues affecting the A/E/C, facility management and environmental fields. Track 1: Contingency Operations, Track 2: Installation management, Track 3: Project Delivery, Track 4: Water resources, Track 5: Energy, Track 6: Acquisition.
<u><b>2011 SUSTAINING MILITARY READINESS CONFERENCE</b></u>	<b>JULY 25 – 29</b>	<b>NASHVILLE, TN</b>	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: <ul style="list-style-type: none"> <li>- Explore the interdisciplinary nature of sustaining military readiness</li> <li>- Share lessons learned and best practices among colleagues and stakeholders</li> </ul>



# Internet Resources

## STATE / TERRITORY RESOURCES

REGULATORY SOURCES	LEGISLATIVE RESOURCES
CT Department of Environmental Protection..... <a href="http://www.ct.gov/dep">http://www.ct.gov/dep</a>	CT General Assembly ..... <a href="http://www.cga.ct.gov">http://www.cga.ct.gov</a>
DE Department of Natural Resources and Environmental Control .. <a href="http://www.dnrec.delaware.gov">http://www.dnrec.delaware.gov</a>	DE General Assembly ..... <a href="http://legis.delaware.gov">http://legis.delaware.gov</a>
DC Department of Environment ..... <a href="http://ddoe.dc.gov/ddoe">http://ddoe.dc.gov/ddoe</a>	DC City Council..... <a href="http://www.dccouncil.washington.dc.us">http://www.dccouncil.washington.dc.us</a>
IL Environmental Protection Agency..... <a href="http://www.epa.state.il.us">http://www.epa.state.il.us</a>	IL General Assembly..... <a href="http://www.ilga.gov">http://www.ilga.gov</a>
IN Department of Environmental Management ..... <a href="http://www.state.in.us/idem">http://www.state.in.us/idem</a>	IN General Assembly..... <a href="http://www.in.gov/legislative">http://www.in.gov/legislative</a>
ME Department of Environmental Protection ..... <a href="http://www.state.me.us/dep">http://www.state.me.us/dep</a>	ME State Legislature ..... <a href="http://www.maine.gov/legis">http://www.maine.gov/legis</a>
MD Department of Environment ..... <a href="http://www.mde.state.md.us">http://www.mde.state.md.us</a>	MD General Assembly... <a href="http://mlis.state.md.us">http://mlis.state.md.us</a>
MA Department of Environmental Protection..... <a href="http://www.mass.gov/dep">http://www.mass.gov/dep</a>	MA General Court ..... <a href="http://www.mass.gov/legis/legis.htm">http://www.mass.gov/legis/legis.htm</a>
MI Department of Environmental Quality ..... <a href="http://www.michigan.gov/deg">http://www.michigan.gov/deg</a>	MI Legislature ..... <a href="http://www.legislature.mi.gov">http://www.legislature.mi.gov</a>
MN Pollution Control Agency ..... <a href="http://www.pca.state.mn.us">http://www.pca.state.mn.us</a>	MN State Legislature..... <a href="http://www.leg.state.mn.us">http://www.leg.state.mn.us</a>
NH Department of Environmental Services ..... <a href="http://des.nh.gov">http://des.nh.gov</a>	NH General Court..... <a href="http://gencourt.state.nh.us">http://gencourt.state.nh.us</a>
NJ Department of Environmental Protection..... <a href="http://www.state.nj.us/dep">http://www.state.nj.us/dep</a>	NJ Legislature..... <a href="http://www.njleg.state.nj.us">http://www.njleg.state.nj.us</a>
NY Department of Environmental Conservation..... <a href="http://www.dec.ny.gov">http://www.dec.ny.gov</a>	NY Assembly ..... <a href="http://assembly.state.ny.us">http://assembly.state.ny.us</a>
OH Environmental Protection Agency ..... <a href="http://www.epa.state.oh.us">http://www.epa.state.oh.us</a>	NY Senate..... <a href="http://assembly.state.ny.us">http://assembly.state.ny.us</a>
PA Department of Environmental Protection ..... <a href="http://www.depweb.state.pa.us/dep">http://www.depweb.state.pa.us/dep</a>	OH General Assembly .... <a href="http://www.legislature.state.oh.us">http://www.legislature.state.oh.us</a>
PR Department of Natural and Environmental Resources ..... <a href="http://www.gobierno.pr">http://www.gobierno.pr</a>	PA General Assembly ..... <a href="http://www.legis.state.pa.us">http://www.legis.state.pa.us</a>
RI Department of Environmental Management..... <a href="http://www.dem.ri.gov">http://www.dem.ri.gov</a>	PR Government..... <a href="http://welcome.topuertorico.org/government.shtml">http://welcome.topuertorico.org/government.shtml</a>
VT Agency of Natural Resources..... <a href="http://www.anr.state.vt.us">http://www.anr.state.vt.us</a>	RI General Assembly ..... <a href="http://www.rilin.state.ri.us">http://www.rilin.state.ri.us</a>
VI Department of Planning and Natural Resources ..... <a href="http://www.dpnr.gov.vi">http://www.dpnr.gov.vi</a>	VT Legislature..... <a href="http://www.leg.state.vt.us">http://www.leg.state.vt.us</a>
VA Department of Environmental Quality ..... <a href="http://www.deq.state.va.us">http://www.deq.state.va.us</a>	VI Legislature ..... <a href="http://www.senate.gov.vi">http://www.senate.gov.vi</a>
WV Department of Environmental Protection..... <a href="http://www.wvdep.org">http://www.wvdep.org</a>	VA General Assembly..... <a href="http://legis.state.va.us">http://legis.state.va.us</a>
WI Department of Natural Resources..... <a href="http://www.dnr.state.wi.us">http://www.dnr.state.wi.us</a>	WV Legislature ..... <a href="http://www.legis.state.wv.us">http://www.legis.state.wv.us</a>
	WI State Legislature ..... <a href="http://www.legis.wisconsin.gov/senhome.htm">http://www.legis.wisconsin.gov/senhome.htm</a>

## OTHER RESOURCES

MILITARY RESOURCES	OTHER FEDERAL AGENCY RESOURCES
<u>DoD</u>	US Government ..... <a href="http://www.USA.gov">http://www.USA.gov</a>
DoD Defense Link ..... <a href="http://www.defenselink.com">http://www.defenselink.com</a>	US Environmental Protection Agency <a href="http://www.epa.gov">http://www.epa.gov</a>
National Defense Center for Environmental Excellence ..... <a href="http://www.ndcee.ctc.com">http://www.ndcee.ctc.com</a>	Region 1..... <a href="http://www.epa.gov/region01">http://www.epa.gov/region01</a>
Joint Services P2 and Sustainability Technical Library ..... <a href="http://205.153.241.230/">http://205.153.241.230/</a>	Region 2..... <a href="http://www.epa.gov/region02">http://www.epa.gov/region02</a>
<u>ARMY</u>	Region 3..... <a href="http://www.epa.gov/region03">http://www.epa.gov/region03</a>
Army Knowledge Online ..... <a href="https://www.us.army.mil">https://www.us.army.mil</a>	Region 5..... <a href="http://www.epa.gov/region5">http://www.epa.gov/region5</a>
Assistant Secretary of the Army for Installations, Energy and Environment <a href="http://www.asaie.army.mil/Public/IE">http://www.asaie.army.mil/Public/IE</a>	US Department of Agriculture ..... <a href="http://www.usda.gov">http://www.usda.gov</a>
Deputy Assistant Secretary of the Army for Environment, Safety and Occupational Health <a href="http://www.asaie.army.mil/Public/ESOH/1ESOH">http://www.asaie.army.mil/Public/ESOH/1ESOH</a>	National Resource Conservation Service <a href="http://www.nrcs.usda.gov">http://www.nrcs.usda.gov</a>
US Army Environmental Command ..... <a href="http://aec.army.mil">http://aec.army.mil</a>	US Department of Interior ..... <a href="http://www.doi.gov">http://www.doi.gov</a>
US Army Sustainability..... <a href="http://www.sustainability.army.mil">http://www.sustainability.army.mil</a>	Bureau of Land Management Eastern States <a href="http://www.blm.gov/es/st/en.html">http://www.blm.gov/es/st/en.html</a>
Army Sustainable Range Program..... <a href="https://srp.army.mil">https://srp.army.mil</a>	US Geological Survey ..... <a href="http://www.usgs.gov">http://www.usgs.gov</a>
Army Environmental Policy Institute .... <a href="http://www.aepi.army.mil">http://www.aepi.army.mil</a>	US Fish and Wildlife Service..... <a href="http://www.fws.gov">http://www.fws.gov</a>
Army Corps of Engineers ..... <a href="http://www.usace.army.mil">http://www.usace.army.mil</a>	Midwest Region (all Reg. 5 States) ..... <a href="http://www.fws.gov/midwest">http://www.fws.gov/midwest</a>
North Atlantic Division..... <a href="http://www.nad.usace.army.mil">http://www.nad.usace.army.mil</a>	Northeast Region (all Reg. 1, 2, 3 States).... <a href="http://www.fws.gov/northeast">http://www.fws.gov/northeast</a>
Great Lakes and Ohio River Division <a href="http://www.lrd.usace.army.mil">http://www.lrd.usace.army.mil</a>	National Park Service..... <a href="http://www.nps.gov">http://www.nps.gov</a>
	Bureau of Indian Affairs..... <a href="http://www.bia.gov">http://www.bia.gov</a>
	US Department of Energy ..... <a href="http://www.energy.gov">http://www.energy.gov</a>
	Office of Environmental Management ..... <a href="http://www.em.doe.gov">http://www.em.doe.gov</a>
	Federal Register ..... <a href="http://www.gpoaccess.gov/fr/index.html">http://www.gpoaccess.gov/fr/index.html</a>