



Southern Review

of Legislative & Regulatory Actions



The U.S. Army Regional Environmental & Energy Office

November 2013

THE SOUTHERN REGION REVIEW provides current information regarding environmental and energy-related actions and events throughout Federal EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee). The events reported may be relevant to U.S. Army and other Military Services' activities and operations. The Review is designed to alert environmental decision makers, planners, and program managers of developments potentially relevant to overall responsibilities.

The Review is a monthly electronic publication. To receive this publication, please email a request to rebecca.d.shanks.ctr@mail.mil. Please include a contact name and email address in the body of the message.

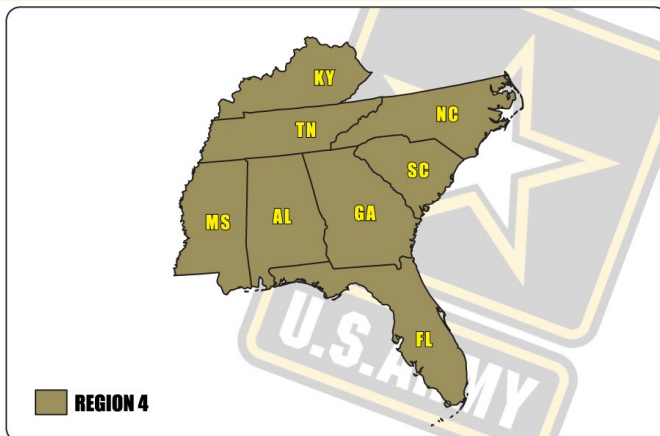


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FEMP ANNOUNCES ONE-ON-ONE CALLS WITH FEDERAL FINANCING SPECIALISTS

The US Department of Energy Federal Energy Management Program (FEMP) helps federal agencies identify and obtain funding for energy efficiency, renewable energy, water conservation, and greenhouse gas management projects. Federal agencies cannot rely on Congressional appropriations alone to fund the energy projects needed to meet Federal requirements. Additional funding options are available, including:

- Energy Savings Performance Contracts (ESPCs)
- Utility Energy Service Contracts (UESCs)
- ESPC ENABLE (ESPC for smaller facilities)

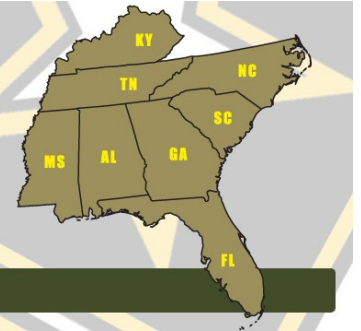
FEMP's Federal Financing Specialists (FFS) provide direct support to agencies by helping them determine which project funding mechanism provides the best solution for energy projects. Carefully matching available funding tools with specific project needs can make the difference between a stalled, unfunded project and a successful project generating energy and cost savings. FFS support can continue throughout the project based on the individual needs of the agency.

Federal facility energy, environmental, and sustainability managers and others can take advantage of the opportunity to work one-on-one with a FFS to ask questions and learn how FEMP can help agencies meet their energy efficiency goals. In addition to explaining different financing options, FFS can share information on other FEMP resources including training, direct project technical support, and guidance documents that simplify and streamline the project process.

For further information and points of contact, visit the [FEMP website](#).

Region 4

For more information on any state issue in Region 4, please contact [Marshall Williams](#), Army Regional Environmental Coordinator, (404)460-3136.



PROPOSED RULES

SOLID WASTE STUDY ([NEWS RELEASE](#)) The Alabama Department of Environmental Management (ADEM) conducted the first in a series of public meetings focused on solid waste management to be held throughout the state. ADEM is working with Auburn University to facilitate the meetings and compile public input into a final report. Once complete, the final report and program enhancements will be presented to ADEM and the Alabama Legislature. In its 2011 regular session, the legislature directed ADEM to evaluate current Alabama solid waste management procedures, including those for permitting new solid waste landfills. The legislature imposed a 24-month moratorium on issuance of permits to certain new landfills, and passed a one-year extension of this moratorium (through MAY 2014). POC: Scott Hughes, (334) 271-7955.



FINAL RULES

AVAILABILITY, FEASIBILITY OF UTILIZING RECLAIMED WATER (40A-2.101, 40A-2.901) The Northwest Florida Water Management District (WMD) has adopted rules to meet requirements of 373.250, Florida Statutes. Rules amend application forms for non-potable uses to require information regarding the availability and feasibility of utilizing reclaimed water. The [Notice of Rulemaking Development](#) was published 15 JUL 13, and the [Notice of Proposed Rules](#) was published 16 AUG 13. Comments were due and a hearing was held 12 SEP 13. Rules were filed 8 OCT 13 and became effective 20 OCT 13. POC: [Angela Chelette](#), (850) 539-5999.

PROPOSED RULES

SOLID WASTE/RECYCLING (62-716.100 - 62-716.900) The Florida Department of Environmental Protection (FLDEP) has proposed a rule related to solid waste grants and recycling programs. Chapter 2010-143, Laws of Florida, creates requirements to be implemented by this rule requiring FLDEP to develop a reporting format for recycling rates, create a voluntary certification program for materials recovery facilities, and establish a method and criteria to be used by counties to calculate recycling rates. FLDEP intends to amend the title of this chapter to broaden its scope and include new provisions. Amendments to the solid waste management grant program made it necessary to amend the chapter for consistency. A [Notice of Rulemaking Development](#) was published 13 AUG 10, a hearing was held 30 SEP 10, and an advisory was issued 6 JUL 12. A [workshop](#) was held 27 JUL 12. POC: [Raoul Clarke](#), (850) 245-8750.

REGIONAL LAND USE PLANNING (29F-21.001) The East Central Florida Regional Planning Council has proposed rules to review and refine regional goals and policies within its [Strategic Regional Policy Plan](#) (2060 Plan). New rules will assist local decision making in planning, development, and growth issues in Brevard, Lake, Orange, Osceola, Seminole, and Volusia counties. The rule will encourage implementation of the [Central Florida Regional Vision](#), the result of an 18-month regional visioning process that involved about 20,000 citizens and was adopted by representatives of 93 communities that participated. The [Notice of Rulemaking Development](#) was published 28 SEP 12. A [Notice of Proposed Rules](#) was published 5 JUL 13 and comments were due 26 JUL 13. POC: [Hugh W. Harling, Jr.](#), (407) 262-7772.

ALTERNATIVE FUEL CHARGING STATIONS (50-3.001, 50-3.002, 50-3.003, 50-3.004) The Florida Department of Agriculture and Consumer Services has proposed new rules to provide definitions, methods of sale, labeling requirements, and price-posting requirements for electric vehicle charging stations. New rules will provide consistent standards for consumers and the industry. A [Notice of Rulemaking Development](#) was published 20 NOV 12, an advisory was issued

on 25 APR 13, and workshops were held 15 and 22 MAY 13. POC: [Kelley Smith Burk](#), (650)617-7484.

JOINT COASTAL PERMIT PROGRAM (62B-49.001, .002, .004, .005, .006, .008, .010, .011, .012, .013) Chapter 62B-49, F.A.C., establishes the Joint Coastal Permit program. Activities that require a coastal construction permit and an Environmental Resource Permit (ERP) are authorized by a single joint coastal permit. FLDEP proposes to amend Chapter 62B-49 and add a new rule to implement the Laws of Florida 2012-65. FLDEP also proposes to clarify language to reduce confusion in the permitting process and requests for additional information; add conditions and amend portions to expedite the permitting process; and amend procedures to allow for electronic submittal of applications. A [Notice of Rulemaking Development](#) was published 17 JAN 13. An [advisory](#) was issued 13 FEB 13 and a workshop was held 15 FEB 13. An additional workshop was held 4 OCT 2013. POC: [Kamie Carney](#), (850) 488-7816.

RISK BASED SITE REMEDIATION (62-777.100, .150, .170) FLDEP has proposed rules in response to a petition to initiate rulemaking filed by the Associated Industries of Florida. Such initiation will begin dialogue regarding proposed amendments to rules that govern the Risk-Based Corrective Action (RBCA) process at contaminated sites, and those that govern the derivation of Cleanup Target Levels (CTL) in Florida. Subject areas to be addressed include FLDEP's "Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, F.A.C. (February 2005)"; rule applicability provisions and whether FLDEP will be mandated to approve proposed alternative CTLs (ACTLs); derivation of CTLs and ACTLs; and whether site-specific soil properties should be considered in establishing an ACTL. FLDEP is also proposing changes to all of 62-780 to consolidate and create consistency across contaminated site cleanup programs. The [Notice of Rulemaking Development](#) was published 28 OCT 11, a [Workshop Advisory](#) was issued 18 FEB 13, and a workshop was held 5 MAR 13. Another workshop was held 19 JUN 13. Comments to changes to 62-780 were due 4 OCT 13. POC: [Brian Dougherty](#), (850)245-7503.

UNIFORM MITIGATION ASSESSMENT METHOD (62-345.100, .200, .300, .400, .500, .600, .900) FLDEP has proposed amendments to clarify and ensure consistent application of the Uniform Mitigation Assessment Method rule. Subjects to be addressed include application of the method to wetland and upland assessment areas where preservation as mitigation is proposed, a revised method to ensure equal weighting and evaluation is used when calculating the preservation adjustment factor, and clarified application of the method for assessment areas that have been artificially created or significantly altered from the historic or natural condition. Guidance will be provided to clarify time-lag and risk factor determination, and to assist in designation and classification of Florida's native community types. Clarification and guidance will also be provided in application of the method to quantitative assessment of location and landscape support values, assessment of wetland functions as provided by surrounding upland communities, and in evaluation of contributions of the assessment area to receiving water bodies and wetlands. Application of the method to benthic communities will be clarified to provide specific guidance and criteria for assessment of sea grass, hard bottom, and other submerged communities. Furthermore, Uniform Mitigation Assessment Method forms will be improved to better track steps and processes outlined by rule language, and to facilitate long-term tracking of wetland functional losses and gains. A [Notice of Rulemaking Development](#) was published on 3 MAY 13. A workshop was held 26 JUN 13. POC: [John Humphreys](#), (850) 245-8487.

PETROLEUM CONTAMINATED SITES (62-771.100, .201, .300, .401 AND 62-772.100, .200, .300, .400, .401, .402, .500, .600) FLDEP has proposed amendments to the rule that establishes the priority scoring system for petroleum contaminated sites. FLDEP is developing criteria specific to state funded cleanup of petroleum contaminated sites. FLDEP anticipates amending or creating various rule sections and titles, which may be amended or new sections added as rulemaking moves forward. FLDEP has also proposed rulemaking that would create a new Chapter 62-772, F.A.C., which provides procedures FLDEP will utilize for procurement of contractual services for cleanup of state-funded petroleum contaminated sites. FLDEP anticipates creating list of rule sections and titles; however, these may be amended or new sections added as public input is received and FLDEP creates the new chapter. Procedures will allow FLDEP to implement its petroleum cleanup program in a more efficient and cost effective manner. A [Notice of Rulemaking Development](#) was published 30 MAY 13, a workshop was held 19 JUN 13, and the [Notice of Proposed Rules](#) was published 4 OCT 13. Comments were due 25 OCT 13 and a hearing was held 28 OCT 13. POC: [Jeff Koerner](#), (850) 245-8701.

UNDERGROUND STORAGE TANKS - TRAINING AND CERTIFICATION (62-761.350, 62-761.400) FLDEP has proposed rulemaking regarding Underground Storage Tanks (UST). The Federal Energy Policy Act requires Florida to adopt regulations for Operator Training for USTs and Delivery Prohibition. Training requirements for operators of USTs are broken into three categories: persons having primary responsibility for on-site operation and maintenance of UST systems, persons having daily on-site operation and maintenance of UST systems, and daily on-site employees having primary responsibility for addressing emergencies presented by a spill or release from an UST system. Additionally, federal law requires the state to issue guidelines to implement delivery prohibition for facilities that:

- Do not have secondary containment;
- Do not have a method of release detection;
- Do not have adequate corrosion protection in an internally lined tank;
- Have a single-walled tank that was taken out of service and not closed within a certain period of time depending upon the level of corrosion protection;
- Have an unmaintained storage tank system that has been out of service for more than two years, or 10 years if the system is secondarily contained; or
- Have caused a discharge and the system cannot be repaired.

The [Notice of Rulemaking Development](#) was published on 25 JUN 13 and a workshop was held 12 JUL 13.

AVAILABILITY, FEASIBILITY OF UTILIZING RECLAIMED WATER (40A-2.101, 40A-2.901) The Northwest Florida WMD (NFWMD) has proposed rules to meet requirements of 373.250, Florida Statutes (F.S.). The rule will amend application forms for non-potable uses to require information regarding the availability and feasibility of utilizing reclaimed water. The [Notice of Rulemaking Development](#) was published on 15 JUL 13. The [Notice of Proposed Rules](#) was published on 16 AUG 13. Comments were due and a hearing was held 12 SEP 13. POC: [Angela Chelette](#), (850) 539-5999.

PERMITTING, MINIMUM FLOWS AND LEVELS, WATER SUPPLY ACROSS WMDs The Florida WMDs have proposed rules as part of a statewide effort, headed by FLDEP and joined by all five water WMDs, to increase consistency in consumptive use permitting (CUP), minimum flows and levels, and water supply related programs of the WMDs. Procedural issues will be addressed. Rule development is proposed to be coordinated with similar rule development by other WMDs throughout Florida. WMDs anticipate filing similar but slightly different amendments to accomplish the same results. Changes will address FLDEP and WMDs goals for this rulemaking, including:

- Making the CUP program less confusing for applicants, particularly those who work in more than one district;
- Treating applicants equitably statewide;
- Providing consistent protection of the environment;
- Streamlining the permitting process; and
- Incentivizing behavior that protects water resources, including conservation.

Notices of rulemaking for each WMD will be or have been filed. Workshops are being held, and hearings and workshops regarding WMD actions are available at respective websites or the [FLDEP website](#). South Florida WMD POC: [Beth Ross](#), Esq. (561) 682-6257.

KINGS BAY TMDLs (62-304.645) FLDEP has proposed amendments to 62-304.645, F.A.C., to establish Total Maximum Daily Loads (TMDLs) for impaired waters in the Springs Coast Basin, to include:

- Kings Bay Water Body Identification (WBID) 1341 [Nutrients (Algal Mats)];
- Hunters Spring WBID 1341C [Nutrients (Algal Mats)];
- House Spring WBID 1341D [Nutrients (Algal Mats)];
- Idiots Delight Spring WBID 1341F [Nutrients (Algal Mats)];
- Tarpon Spring WBID 1341G [Nutrients (Algal Mats)]; and
- Black Spring WBID 1341H [Nutrients (Algal Mats)].

A [Notice of Rulemaking Development](#) was published 14 MAY 13, and a workshop was held 27 SEP 13. Comments were due 18 OCT 13. POC: [Richard Hicks](#), (850) 245-8229.

CONSTRUCTION AND DEMOLITION LANDFILLS (62-701.100, .200, .210, .220, .300, .310, .315, .320, .330, .340, .400, .410, .430, .500, .510, .520, .530, .600, .610, .620, .630, .710, .730, .802, .803, .900) FLDEP has proposed revisions to chapter 62-701 of the Florida Administrative Code. Subsection 403.707(9), F.S. requires all construction and demolition debris landfills be constructed with liners and leachate control systems, and that all construction and demolition debris be processed prior to disposal when economically feasible. Section 403.087(6), F.S., requires all permit fees be updated every five years to account for inflation. The rule chapter must be amended to address these new requirements. There are also several minor changes that need to be made to update and clarify the chapter. A [Notice of Rulemaking Development](#) was published 17 AUG 12 and a [Workshop Advisory](#) was issued 22 OCT 13. A workshop was held 8 OCT 13. POC: [Richard Tedder](#), (850) 245-8735.



PROPOSED RULES

WATER QUALITY (2014 305(B)/303(D) LIST OF WATERS) In accordance with Federal Clean Water Act Sections 305

(b) and 303(d), the Georgia Environmental Protection Division (GAEPD) is gathering water quality data for use in the assessment of waters for Georgia's 2014 305(b)/303(d) List. Requirements for submission and acceptance of water quality data for use are set forth in the rules and regulations for Water Quality Control, Chapter 391-3-6-.03-(13), and are detailed in the GAEPD document, "Guidance on Submitting Water Quality Data for Use by the Georgia Environmental Protection Division in 305(b)/303(d) Listing Assessments." A [notice](#) and request for data were issued 1 FEB 13. Comments were due 1 JUL 13. POC: [Susan Salter](#).

GROUNDWATER REMOVAL PROHIBITION (NOTICE) Effective immediately, GAEPD prohibits new groundwater withdrawals in the coastal Georgia counties of Chatham, Bryan, Liberty, and the portion of Effingham County south of Highway 119. The permitting moratorium applies to community public water systems and municipal and industrial groundwater supplies from the entire Floridan aquifer. The aquifer is a source of fresh water for the coastal region, and increased withdrawals have been linked to saltwater seeping into the groundwater in the area around Hilton Head, South Carolina. GAEPD addressed the issue in 2006 with the Coastal Georgia Water and Wastewater Permitting Plan for Managing Salt Water Intrusion (CPP), which prohibited new withdrawals from the upper Floridan aquifer. The CPP allowed limited withdrawals from the lower Floridan aquifer. GAEPD and the US Geological Survey conducted recent groundwater studies and the results show the upper and lower sections of the aquifer are interconnected. This research prompted need for a moratorium on future withdrawals from the entire aquifer. Applications already received for withdrawals from the lower section of the Floridan aquifer will be considered, but no new applications will be accepted. GAEPD will consider allowing privately owned community public water systems to increase withdrawals if GAEPD has pre-approved expansion. Farmers in the four impacted counties who already hold farm use water withdrawal permits are not affected by this moratorium; applications for new farm use permits will not be considered. GAEPD restrictions on the Floridan aquifer will require potential users to consider other sources of water, such as surface water, desalination of sea water, and other aquifers. A [press release](#) was issued 20 MAY 13. POC: Kevin Chambers, (404) 651-7970.

NPDES STORMWATER AND CONSTRUCTION (NOTICE) GAEPD has proposed to reissue National Pollutant Discharge Elimination System (NPDES) General Permits Numbers GAR100001, GAR100002, and GAR100003 (draft NPDES General Permits) for stormwater discharges associated with construction activity as defined in the Code of Federal Regulations and the Georgia Rules and Regulations for Water Quality Control. The draft NPDES permits will authorize designated construction activities to discharge stormwater into the waters of Georgia, statewide. The NPDES General Permits will be valid for a maximum of five years. A [Notice](#) was issued on 30 JUL 13, comments were due and a hearing was held 30 AUG 13. An [addendum](#) was issued 23 SEP 13. POC: Amy Potter, (404) 675-6240.

INERT LANDFILLS (391-3-4.06(3)(c)) The Georgia Department of Natural Resources has proposed amendments to 391-3-4-.06(3)(c), "Inert Waste Landfill Operations." Amendments would provide a mechanism for exempting existing inert waste landfills from the permitting process if certified by a Professional Engineer (registered in Georgia) as being in full compliance with all permit-by-rule requirements existing as of 1 JAN 12. Such facilities would continue to operate as a permit-by-rule. A [Notice of Proposed Amendments](#) and other related documents were filed on 30 AUG 13. A hearing was held 19 SEP 13 and comments were due 26 SEP 13. A meeting was held 22 OCT 13. POC: Land Protection Branch, Solid Waste Management Program, (404) 362-2696.



PROPOSED RULES

TITLE V PERMIT FEES Pursuant to 401 KAR 50:038, Air Emissions Fee, the Kentucky Division of Environmental Protection has the authority to collect Title V air emissions fees necessary to fund the state air permit program. The Kentucky Energy and Environment Cabinet announced a public hearing to receive comments on establishing the appropriate Title V air emissions fee necessary to cover all reasonable costs of administering the permit program. A [notice](#) was issued 23 OCT 13, and a hearing was held 26 OCT 13. POC: [Derek Picklesimer](#), (502) 564-3999.



FINAL RULES

REPEAL OF EXISTING POLICIES The Department of Archives and History adopted the following policies:

- Eligibility, which outlines projects eligible to receive a matching historic preservation grant under the policies and procedures of the National Register of Historic Places grants program;
- Policy to Provide Listings of Professional Archaeologists, which provides a list of archaeologists and

- companies listed on the Register of Professional Archaeologists;
- Priority for Selection of Projects to Receive Financial Assistance, which outlines a priority system when selecting specific preservation projects;
- Review and Compliance Procedures and Policies Manual, responsible for implementation of Section 106 (of the National Historic Preservation Act, as amended) and of the Mississippi Landmark program under provisions of the State Antiquities Act, as amended;
- State of Mississippi Guidelines for Cultural Resource Survey Reports that outline guidelines to which cultural resource survey reports for surveys in the state of Mississippi should adhere; and
- Application of National Register Criteria to Religious Properties, which outlines National Register eligibility criteria for religious properties.

Additional proposed rule changes are in the [proposed rule text](#). The proposed rules were [filed](#) 31 MAY 13 and comments were due 25 JUN 13. The [final rules](#) were filed 13 SEP 13 and became effective 13 OCT 13. POC: [Jessica Kelly](#), (601) 576-6865.

LEAD-BASED PAINT (TITLE 11, PART 2, CHAPTER 9) The Commission on Environmental Quality has adopted amendments to "Regulations for Lead-Based Paint Activities" for consistency with recent amendments to federal EPA regulations and the Mississippi Lead-Based Paint Activity Accreditation and Certification Act, as amended by [Mississippi Senate Bill 2688](#) (Regular Session 2013). The amendments are applicable statewide, and:

- Remove the "Opt-Out Provision;"
- Allow renovators to do paint chip sampling;
- Further define record keeping and reporting requirements for renovation activities; and
- Clarify certain definitions, training program accreditation requirements, containment, prohibited and restricted practices, and signage and pre-renovation education requirements for Child Occupied Facilities.

The [proposed rules](#) were filed 29 AUG 13. A hearing was held and comments were due 7 OCT 13. The [final rules](#) were filed 25 OCT 13. They become effective 24 NOV 13. POC: Maya Rao.

PROPOSED RULES

2014 ANNUAL AIR MONITORING NETWORK PLAN The Mississippi Department of Environmental Quality (MSDEQ) invited comment on the [2014 Annual Air Monitoring Network Plan for Mississippi](#). The [notice](#) was issued on 29 MAY 13. Comments were due 24 JUN 13. POC: [Michael Jordan](#).



PROPOSED RULES

STORMWATER GENERAL NPDES PERMIT (PUBLIC NOTICE) The North Carolina Department of Natural Resources (NCDENR) has issued a notice of intent to reissue expiring state NPDES General Permits for point source discharges of stormwater for the following types of discharges: NPDES General Permit Numbers NCG050000, NCG070000, and NCG130000, which have little or no DoD bearing; and NPDES General Permit Number NCG110000 for stormwater point source discharges. NCG110000 covers discharges associated with activities classified as treatment works and treating domestic or any other sewage sludge or wastewater treatment device or system used in the storage, treatment, recycling and reclamation of municipal or domestic sewage, with a design flow of 1.0 million gallons per day or more, or facilities that are required to have an approved pretreatment program under Title 40 CFR Part 403, including lands dedicated to the disposal of sewage sludge that is located within the confines of the facility. The [notice](#) was issued 1 APR 13. Comments were due 31 MAY 13. POC: Bethany Georgoulas, (919) 807-6372.

MOTOR VEHICLE EMISSIONS (15A NCAC 02D .1002, .1003, .1005, .1006, .1009) Pursuant Session Law 2012-199, NCDENR has proposed to amend the Motor Vehicle Emission Control Standard rules to incorporate the statutory exemption of vehicle emissions inspection for vehicles from the three most recent model years with less than 70,000 miles on the odometer. Additional minor amendments to clarify definitions are also proposed. In addition, Rule 15A NCAC 02D .1009, Model Year 2008 and Subsequent Model Year Heavy-Duty Diesel Vehicle Requirements, is proposed for repeal because it is duplicative of EPA rule requirements, thus unnecessary. The [proposed rules](#) were filed 15 AUG 13 and a hearing was held 18 SEP 13. Comments were due 14 OCT 13.

CAPE FEAR RIVER AREA OF ENVIRONMENTAL CONCERN FEASIBILITY STUDY The Coastal Resources Commission (CRC) has released a draft of the Cape Fear River Area of Environmental Concern Feasibility Study for public review and comment. In 2012, the NC General Assembly directed the CRC to consider the feasibility of creating a special management area that would include lands adjacent to the mouth of the Cape Fear River. Session Law 2012-202 requires the CRC to

consider the unique coastal morphologies and hydrographic conditions of the Cape Fear River region. It also calls on the CRC to determine if action is necessary to preserve, protect, and balance the economic and natural resources of this region through elimination of current overlapping Areas of Environmental Concern (AECs) by incorporating appropriate development standards into a single AEC unique to this location. For the purposes of this study, the CRC was directed to consider a region that encompasses Caswell Beach, Bald Head Island, and surrounding areas. Since late 2012, the NC Division of Coastal Management (DCM) has worked with municipalities and nearby landowners to identify concerns with the existing regulatory framework and to discuss potential strategies for a new AEC. The draft report was compiled by staff with the DCM primarily from information provided by Bald Head Island, Caswell Beach, and their consultants. The draft report provides background information regarding the study, describes existing conditions at Bald Head Island and Caswell Beach, provides an overview of the existing regulatory framework, and presents the regulatory concerns of the stakeholders and their proposed strategies for a new Cape Fear River AEC. The report also includes appendices containing public meeting summaries and supporting information provided by communities and their consultants. This report is being distributed for public input and comment, and does not convey any official positions or findings of the DCM, NCDENR, or the CRC. AECs are the foundation of the CRC's permitting program for coastal development. An AEC is an area of natural importance that may be susceptible to erosion or flooding; or may have environmental, social, economic, or aesthetic values that make it valuable to the state. The CRC classifies areas as AECs to protect them from incompatible development, which may cause irreversible damage to property, public health, or the environment. AECs cover almost all coastal waters and about 3 percent of the land in the 20 coastal counties. A [press release](#) was issued 8 NOV 13, and comments are due by 7 DEC 13.



PROPOSED RULES

INCORPORATION OF FEDERAL RULE CHANGES (61 – 62) The South Carolina Department of Health and Environmental Control (SCDHEC) has proposed amendments to Regulation 61-62, Air Pollution Control Regulations and Standards, and the South Carolina Air Quality Implementation Plan (SIP). EPA promulgates amendments to 40 CFR Parts 51, 52, 60, and 63 throughout each calendar year. Recent federal amendments include clarification, guidance, and technical amendments regarding SIP requirements, New Source Performance Standards (NSPS), and National Emissions Standards for Hazardous Air Pollutants (NESHAPs) for Source Categories. SCDHEC proposes to amend Regulation 61-62.1, Definitions and General Requirements, to incorporate an amendment to the definition of VOCs promulgated by the federal rule, "Revision to Definition of Volatile Organic Compounds-Exclusion of trans-1,3,3,3-tetrafluoropropene" (77 FR 37610). SCDHEC also proposes to amend Regulation 61-62.5, Standard No. 7, Prevention of Significant Deterioration, to incorporate a provision in the definition of "Regulated NSR Pollutant," as required by the federal rule "Implementation of the New Source Review (NSR) Program for Particulate Matter Less Than 2.5 Micrometers (PM_{2.5})" (77 FR 65107). Additionally, SCDHEC proposes to amend Regulations 61-62.60, South Carolina Designated Facility Plan and NSPS, and 61-62.63, NESHAP for Source Categories, to incorporate by reference recent federal amendments promulgated from 1 JAN 12, through 31 DEC 12. SCDHEC may propose other changes to Regulation 61-62 to include corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary. The [Drafting Notice](#) was published 24 MAY 13. Comments were due 23 SEP 13. A hearing is rescheduled for 12 DEC 13. POC: [Anthony T Lofton](#).

PCBs IN SLUDGE (61-9) SCDHEC has proposed amendments to specific sections of Regulation 61-9, Water Pollution Control Permits, to address restrictions on the land application of sludges contaminated with polychlorinated biphenyls (PCBs) at less than 50 mg/kg (dry weight basis). Regulation 61-9 excludes from land application sludges contaminated with PCBs at or greater than 50 mg/kg (dry weight basis) since sludges with that level of contamination are regulated by the Environmental Protection Agency under the Toxic Substances Control Act (TSCA). However, R.61-9 does not specifically address the land application of sludges with PCBs less than 50 mg/kg (dry weight basis). SCDHEC promulgated Emergency Regulation, Document Number 4413, effective 25 SEP 13, to address restrictions on the land application of sludges contaminated with PCBs due to the discovery that sludges and other materials had been contaminated with PCBs by illicit discharges to sewer systems. The department is now proposing to amend sections 503 and 504 of R. 61-9 to include restrictions on land application of sludge, including sludges and septage that may be mixed with grease trap waste, where quantifiable levels of PCBs exist. SCDHEC proposes to increase sludge monitoring and reporting including PCB monitoring. The department may make other stylistic changes to amend both regulations for internal consistency; clarification in wording; corrections of references, grammatical errors, and outlining/codification; and such other changes as may be necessary to improve the overall quality of the regulation pursuant to regulation drafting standards required by the Legislative Council. A [Drafting Notice](#) was published 25 OCT 13 and comments are due 25 NOV 13.



PROPOSED RULES

UST REMEDIATION GROUNDWATER TREATMENT The Tennessee Department of Environmental Conservation (TDEC) announced a public hearing to receive comments on the proposed reissue of the General NPDES for Discharges of Treated Groundwater Associated with UST Remediation. The [notice](#) was issued 26 FEB 13, a hearing was held 5 APR 13, and comments were due 19 APR 13. POC: Beth Rorie or Monya Bradley, (615) 532-0625.

AIR CONSTRUCTION AND OPERATING PERMITS (1200-03-09-.01, 1200-03-09-.02, 1200-03-09-.06) TDEC has proposed rulemaking to amend Chapter 1200-03-09 to:

- Create a new rule to allow a system of general permits. This approach would allow the Tennessee Air Pollution Control Board to make rules applicable to broad categories of similar sources subject to federal or state regulatory provisions, or both. The sources would be considered minor (area), and not covered in the universe of the Title V permitting program. Once a general permit covering a specific category of industrial operation individual sources in the applicable category is adopted, a permittee would only have to notify of the election to be covered under the provisions of the general permits. Individualized permits would not be required in those cases. This would streamline the permitting process for many smaller sources, and allow more time to be focused on larger, more complex sources that have higher emissions and need a more individualized approach;
- Delete PM 2.5 significant impact levels (SILs) from the state rule. The board recently adopted language based on a corresponding federal regulation that was vacated by a federal court in reviewing EPA's authority to adopt the SILs. The state level rule needs to be made consistent with federal regulations by striking out language vacated in the court decisions; and
- Amend language for compliance certification relating to continuous or intermittent compliance.

The proposed amendment would allow the state regulation to be consistent with the federal regulation. Amendment would eliminate confusion that could arise from inconsistency between current state regulation and the current federal regulation. A [Notice of Rulemaking Hearing](#) was filed 9 OCT 13. A hearing is scheduled and comments are due 3 DEC 13. POC: [Lacey J. Hardin](#), (615) 532-0545.

WASTE PROCESSING AND REDUCTION (0400-11-01-.09) TDEC has proposed rules to revise Solid Waste Processing and Disposal regulations concerning waste reduction. Proposed amendments eliminate conflicts and confusion between statutory language and the existing rule, and will help the regulated community understand waste reduction. Amendments also bring improvements and consistency in solid waste planning, data collection, and reporting; qualitatively assessing solid waste systems and infrastructure development across the state. Such planning is essential for local governments to have needed infrastructure to attract industry, meet waste reduction goals, and protect the health and welfare of citizens. A [Notice of Rulemaking Hearing](#) was filed 8 OCT 13 for a hearing scheduled for 29 SEP 14. Comments are due 31 JAN 14. POC: [Greg Luke](#), (615) 532-0874.

Department of Defense Activity

REEO-S REVIEW SURVEY Please visit <https://www.surveymonkey.com/s/2013REEO-S> to complete the 2013 REEO-S Review Reader Survey. The survey will close 15 Nov.

[WORKING WITH THE DEPARTMENT OF DEFENSE: SITING RENEWABLE ENERGY DEVELOPMENT](#) The Deputy Assistant Secretary of Defense for Readiness, Deputy Under Secretary of Defense for Installations and Environment, Director of Operational Test and Evaluation, and the Natural Resources Defense Council (NRDC) created a primer on siting of renewable energy projects. The goal of the primer is to identify key considerations for siting projects that could impact the military mission, whether on or outside of military managed lands. The considerations are intended as informational guidelines for developers and other participants in the renewable energy siting process. They also provide a basis for the further evolution of energy siting policy and the development of decision support tools, such as the Renewable Energy and Defense Geospatial Database ([READ Database](#)). The READ Database, developed by NRDC in consultation with the office of the Secretary of Defense (OSD), is a successful outcome of the collaboration and communication of siting considerations. More information on READ can be found on page 15 of the primer.

PARTNERING FOR ENHANCED MISSION EFFECTIVENESS The Army is partnering with the private sector, other agencies, government, and local communities for what Army leadership calls "Enhanced Mission Effectiveness." "Our mission capabilities are enhanced and our costs reduced when we focus on our core competencies, and rely on the expertise and experience of our partners for non-core functions and services. This 'win-win' approach keeps us Army Strong," said Honorable Katherine Hammack, Assistant Secretary of the Army, Installations, Energy and Environment. See related video - Partnering for Enhanced Mission Effectiveness.

Federal Activity

AIR

ENERGY-RELATED CARBON DIOXIDE EMISSIONS, 2012 REPORT The Department of Energy (DOE) has released a [report](#) on US energy-related CO₂ emissions. Conclusions indicate:

- The 2012 downturn means that emissions are at their lowest level since 1994, and over 12 percent below the 2007 peak.
- After 1990, only the recession year of 2009 saw a larger percentage emissions decrease than 2012.
- Energy-related CO₂ emissions have declined in five of the last seven years.

CLIMATE CHANGE

CLIMATE CHANGE IMPACTS ON STREAMFLOW AND WATER QUALITY EPA released [Watershed Modeling to Assess the Sensitivity of Streamflow, Nutrient, and Sediment Loads to Potential Climate Change and Urban Development in 20 U.S. Watersheds](#). The report provides an improved understanding of methodological challenges associated with integrating existing tools (e.g., climate models, downscaling approaches, and watershed models) and data sets to address these scientific questions. EPA POC: Thomas Johnson, (703) 347-8618.

CLIMATE CHANGE The Intergovernmental Panel on Climate Change (IPCC) released the draft, "[Fifth Assessment Report Climate Change 2013: The Physical Science Basis](#)." The final draft, dated 7 JUN 13, consists of the full scientific and technical assessment undertaken by Working Group I. Highlights from the draft include:

- Global combined land and ocean temperature data show an increase of about 0.89°C over the period 1901–2012 and about 0.72°C over the period 1951–2012 when described by a linear trend;
- The rate of warming over the past 15 years (1998–2012) is smaller than the trend since 1951 (1951–2012);
- There is high confidence that annual mean surface warming since the 20th century has reversed long-term cooling trends of the past 5,000 years in mid-to-high latitudes of the Northern Hemisphere;
- Earth has been in radiative imbalance and ocean warming dominates total heat (absorption);
- There is high confidence that current glacier extents are out of balance with current climatic conditions, indicating that glaciers will continue to shrink in the future even without further temperature increase.
- The most recent, comprehensive analyses of river runoff do not support the AR4 (Fourth Assessment Report) conclusion that global runoff has increased during the 20th century. New results also indicate that the AR4 conclusions regarding global increasing trends in droughts since the 1970s are no longer supported;
- Global mean sea level rise for 2081–2100 is projected with 5–95% confidence for various emission scenarios known as Representative Concentration Pathways (RCP). For one of the worst case (highest emission future GHG emissions), RCP8.5, the range at 2100 is 0.53–0.97 meters of increase relative to 2005.
- Cumulative emissions of CO₂ largely determine global mean surface warming by the late 21st century and beyond. Most aspects of climate change will persist for many centuries even if emissions of CO₂ are stopped. This represents a substantial multi-century climate change commitment created by past, present and future emissions of CO₂.

CULTURAL RESOURCES

UNCLAIMED HUMAN REMAINS ON FEDERAL LANDS The National Park Service (NPS) issued a rule proposing procedures for the disposition of unclaimed human remains, funerary objects, sacred objects, or objects of cultural patrimony discovered on federal lands after 16 NOV 90 ([78 FR 64436](#)). The rule would implement section 3 (b) of the [Native American Graves Protection and Repatriation Act of 1990](#). Comments are due by 30 DEC 13. NPS POC: Dr. Sherry Hutt, (202) 354-1479.

ENERGY

HEATING OILS FROM BIOMASS EPA added heating oils derived from biomass to the list of fuels that count toward federal volume requirements for the Renewable Fuel Standard (RFS) program ([78 FR 62462](#)). The final rule expands the scope of the program by amending the definition of heating oil and adding so-called “fuel oils” from qualifying renewable substances that warm houses, office buildings, and other residential and workplace facilities. The rule contains the following elements that apply only to fuel oils qualifying as heating oil under the expanded definition:

- Minimum technical specifications for qualifying fuel oils;
- Detailed requirements for producer registration to ensure fuel oil is intended for use as heating oil only, including collection of affidavits from end users stating the fuel oil is, or will be used for the proper purpose;
- Requirements for product transfer documents to ensure that all parties taking possession of the fuel oil are aware of its limited use and penalties for improper use;
- Prohibition of using fuel oil produced and designated as heating oil and for which renewable identification numbers (RINs) have been generated for any use other than heating of interior spaces of homes or buildings to control ambient climate for human comfort; and
- Quarterly reporting requirements to ensure the volumes of renewable fuel oil for which RINs were generated were received by the end user and used for the proper purpose.

[Additional information](#) is available. EPA POC: [Suzanne Bessette](#), (734) 214- 4703.

HAZARDOUS CHEMICALS

RESUMPTION OF TRANSPORTATION The Pipeline and Hazardous Materials Safety Administration (PHMSA) has issued a final rule related to the Department of Transportation’s enhanced inspection, investigation, and enforcement authority ([78 FR 60755](#)). PHMSA amended the package opening provision to include procedures for an agent of the Secretary of Transportation to open packages of perishable hazardous materials, and to provide notification to the responsible party that an agent has exercised a safety inspection or investigation authority. The final rule became effective 1 NOV 13. PHMSA POC: Vincent Lopez, (202) 366-4400.

EVALUATING SOLID WASTE EPA has issued an update to publication [SW-846](#) - Test Methods for Evaluating Solid Waste, Physical/Chemical Methods ([78 FR 63185](#)). Update V contains eight new and 15 revised analytical methods for monitoring or complying with hazardous and non-hazardous waste regulations. Comments are due by 21 JAN 14. EPA POC: [Kim Kirkland](#), (703) 308-8855.

RESPONSE PLAN REQUIREMENTS The Coast Guard is promulgating a final rule requiring nontank vessel response plans for commercial vessels to further protect the nation from the threat of oil spills in US waters ([78 FR 60099](#)). The final rule requires owners or operators of nontank vessels to prepare oil spill response plans and submit the plans to the Coast Guard. The rule specifies the content of a response plan and addresses, among other issues, the requirement to plan for responding to a worst case discharge and a substantial threat of such. The final rule updates international Shipboard Oil Pollution Emergency Plan requirements that apply to certain nontank vessels and tank vessels. It also requires vessel owners or operators to submit the vessel response plan control number as part of already required notice of arrival information. The rule became effective 30 OCT 13. Coast Guard POC: [Lieutenant Commander John Peterson](#), (202) 372-1226.

NATURAL RESOURCES

FIRE The National Cohesive Wildland Fire Management Strategy establishes a framework which enables wildland fire management stakeholders and interested parties to work together cooperatively to share information and make sound decisions at all organizational levels, across geographic locations and multiple scales. The cohesive strategy supports regional wildfire planning in all areas of the nation. Neither the strategy nor regional wildfire planning efforts create or change regulations or authorities. Documents being produced include a National Wildland Fire Management Risk Analysis and Cohesive Strategy, and a National Action Plan. These milestones represent completion of the third and final phase of a nationwide Cohesive Strategy development. The strategy provided [direction](#) to Department of the Interior Wildland Fire Leadership. [Further information](#) on the team and its work is available. REEO-S participates with the Fire Strategy Committee, a subgroup of the National Strategy.

RUFA RED KNOT The US Fish and Wildlife Service (USFWS) has proposed to list the rufa red knot as a threatened species ([78 FR 60023](#)). The rufa red knot is threatened due to loss of breeding and nonbreeding habitat; potential for disruption of natural predator cycles on breeding grounds; reduced prey availability throughout the nonbreeding range; and increasing frequency and severity of asynchronies in the timing of the birds' annual migratory cycle relative to favourable food and weather conditions. Comments are due by 29 NOV 13. FWS POC: Eric Schradling, (609) 383-3938.

LOGGERHEAD SEA TURTLES The National Marine Fisheries Service (NMFS) is reopening the comment period for its proposed rule to designate critical habitat for the Northwest Atlantic Ocean Loggerhead Sea Turtle Distinct Population Segment (DPS) and proposed determination regarding critical habitat for the North Pacific Ocean Loggerhead DPS ([78 FR 59907](#)). The comment period is being reopened to provide additional opportunity for public comment. The proposed rule, list of references and supporting documents, including the biological report, the draft Economic Analysis and the Initial Regulatory Flexibility Act (IRFA) analysis, are also available at the [NMFS website](#). Comments are due by 29 NOV13. NMFS POC: [Susan Pultz](#), NMFS, Office of Protected Resources, (301)427-8472.

Professional Development

13 Nov, ONLINE: [ENVIRONMENTAL EVALUATION SERIES: PLANNING FOR ENDANGERED SPECIES/MIGRATORY BIRDS/BALD AND GOLDEN EAGLES SPECIAL ENVIRONMENTAL CONCERNS](#) The webinar will assist conservation planners, partners, and technical service providers to understand the ecological importance of protected species, and how to properly analyze and document existing conditions and effects of planned conservation actions. Primary topics include: legal foundations, information/data sources, tools, mitigation measures, and documentation requirements including examples.

14 Nov, ONLINE: [PROPOSED WATER QUALITY STANDARDS REGULATORY CLARIFICATIONS](#) EPA will discuss contents of the proposed rule, and interested parties will have the opportunity to ask clarifying questions prior to the close of the comment period. Clarifying questions or public views expressed during the webinars and meeting will not be considered formal comments, thus will not be recorded for inclusion in the docket for this rulemaking. To be considered as a formal comment, and for formal response from EPA, submit comments to Docket ID No. EPA-HQ-OW-2010-0606 by 3 DEC 13.

20-22 Nov, PHILADELPHIA, PA: [GREENBUILD 2013](#) Greenbuild is the world's largest conference and expo dedicated to green building. The conference brings together industry leaders, experts and professionals dedicated to sustainable building. It features speakers, networking opportunities, industry showcases, Leadership in Energy and Environmental Design workshops, and tours of the host city's green buildings.

4-6 DEC, WASHINGTON, DC: [NATIONAL CONFERENCE OF STATE LEGISLATURES \(NCSL\) FALL FORUM](#) Attendees have the opportunity to discuss policy with national experts, work on pressing issues as part of NCSL's standing committees, advocate for the states on Lobby Day and participate in special briefings developed for legislative staff.

10-11 DEC, ARLINGTON, VA: [FOURTH ANNUAL FEDERAL ENERGY WORKSHOP & DEFENSE ENERGY PARTNERSHIP FORUM](#) Featuring energy experts from the federal government – including the Office of the Secretary of Defense, Army, Air Force, Navy, Department of Energy, Federal Energy Management Program, and Office of Management and Budget – and private sector leaders, the workshop will discuss current federal energy projects, processes and challenges, including a special focus on DoD renewable energy priorities.

11 DEC, ONLINE: [REPI AND ENERGY](#) Learn about the concept of using REPI for ensuring compatible siting of renewable energy development, and hear from installations that have successfully buffered wind energy projects.

11-12 DEC, WASHINGTON, DC: [3RD ANNUAL DEFENSE, NATIONAL SECURITY AND CLIMATE CHANGE SYMPOSIUM](#) The symposium will focus on the growing efforts of US defense, intelligence, and national security communities on assessing and responding to climate change. With the recent publication of federal agency adaptation plans and the impacts of Hurricane Sandy, this year's program will specifically address transportation, water and energy infrastructure, and critical risks in the supply chain.

14-16 JAN 2014, TAMPA, FL: [GREEN INFRASTRUCTURE IN GROWING METROPOLITAN AREAS](#) The conference will address challenges and opportunities surrounding green infrastructure. Topics include: Defining the Benefits of Green Infrastructure; Barriers to Green Infrastructure Implementation; Funding Green Infrastructure Design, Implementation and Maintenance; and Implementation Strategies for Governments, Communities and Developers.

2-6 FEB 2014, ATLANTA, GA: [94TH AMERICAN METEOROLOGICAL SOCIETY ANNUAL MEETING](#) The theme of this event is "Extreme Weather-Climate and the Built Environment: New Perspectives Opportunities, and Tools."

7-10 APR 2014, ST. PETERSBURG, FL: [NATIONAL ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS \(NAEP\) 2014 ANNUAL CONFERENCE](#) The theme is "Changing Tides and Shifting Sands." Subject matter ranges from cultural resources

to land management to overall sustainability.

VARIOUS DATES AND TIMES ONLINE

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

AIR FORCE INSTITUTE OF TECHNOLOGY (AFIT) TRAINING COURSE, [QUALIFIED RECYCLING PROGRAM MANAGEMENT](#) The purpose of the course is to understand DoD requirements for operating a Qualified Recycling Program (QRP). This course emphasizes principles and techniques to assist students in implementing a sound QRP. The course focuses on learning what products can be recycled, products prohibited from recycling, QRP regulations, necessary processing equipment, collection and sorting methods to maximize returns, working with your DRMO, establishing contracts, recording transactions, DoD recordkeeping, and estimating future budgets.

ANYTIME ONLINE

[EPA SUSTAINABLE MATERIALS MANAGEMENT ACADEMY](#) Learn about key issues, successful projects, and a variety of best management practices for creating stellar waste management programs. Hear from experts around the country on what works and what doesn't, and how to make programs more successful. The format is a formal presentation followed by a question and answer session and discussion time.

[DEFENSE ACQUISITION UNIVERSITY \(DAU\)](#) DAU developed online resources available for the DoD workforce, industry partners, and other federal, state, and local government organizations. The online resources provide the ability to apply for a course, take a continuous learning module for continuous learning credit, research policy and other documents, link to related learning and knowledge content, ask a professor a question, contribute knowledge objects (such as lessons learned, best practices, templates, or samples), or collaborate with peers on work issues.

[DOILEARN](#) DOI Learn houses natural resource courses and training offered by all organizations within the Department of Interior, to include the National Park System, Fish and Wildlife Service, and Bureau of Land Management.

[GOLEARN](#) GoLearn provides government employees and military personnel with web-based learning and development courses, and other products and services. Site registration is required, including a nominal fee for federal users.

[TRAINING FOR FEDERAL GHG INVENTORIES](#) A component of FedCenter's broader Greenhouse Gas Inventory Reporting site is available. The DOE Federal Energy Management Program (FEMP)-developed training offers three types of training that can help in understanding the processes needed to develop an agency's GHG inventory under EO 13514 section 9. These trainings include online interactive courses, archived webinar videos and PowerPoint files from training courses.

[BUILDING RETUNING](#) The purpose of this course is to help reduce operating cost and provide energy savings to buildings. The focus is on large (100,000-square-foot) commercial buildings, but the concepts and techniques presented can be applied to any type and size of facility that has a building automation system.

[ACHIEVING ENERGY SECURITY IN FEDERAL FACILITIES](#) Achieving Energy Security in Federal Facilities builds competency in protecting critical missions by integrating energy security measures into all aspects of operations. Employ critical principles to increase energy security, such as diversity, redundancy, reducing demand, planning, and emergency management. Consider technologies that support energy security and develop an understanding of key issues related to short- and long-term energy disruptions, including storage and maintenance issues.

[ADVANCED METERING SOLUTIONS FOR FEDERAL AGENCIES](#) This one-day FEMP-sponsored symposium (targeting federal energy managers, contractors, and software and system providers) consists of two sections. The morning session includes presentations by federal agencies highlighting their successful applications of advanced metering, data analysis, and diagnostic software. The afternoon session features panel discussions by invited metering hardware and software providers highlighting the capabilities of such systems.

[WHOLE BUILDING DESIGN GUIDE TRAINING](#) FEMP has partnered with the National Institute of Building Sciences to offer FEMP e-learning courses on the Whole Building Design Guide. Eight interactive, on-demand, self-paced, and self-tracking courses are supportive of the Federal Building Personnel Training Act competencies and provide up-to-date information targeted to mid-level federal energy, water, and sustainability managers.

USING SOCIAL MEDIA CHANNELS TO INSPIRE OFFLINE ACTION Zoey Kroll, an Internet communications specialist at the San Francisco Department of Environment and a social media strategist at Hayes Valley Farm will talk about using social media channels to inspire offline action. The webinar will discuss how apps (RecycleWhere), activity clubs (Photo Adventure Club), and social media tools can inspire people to move from clicks to compost. This training is offered by the Pollution Prevention Resource Exchange (P2Rx).

ENERGY STAR TRAINING Energy Star offers free online training to help improve energy performance. Training is available in the form of live web conferences, pre-recorded training available 24/7, and self-guided presentations in pdf format. Depending on the conference, session, or presentation, the training is designed for facility managers, property managers, environmental managers, energy managers, financial officers, building engineers, and others interested in Energy Star.

AIR FORCE CIVIL ENGINEERING SCHOOL SEMINARS The Air Force Civil Engineering School offers a variety of free online seminars on hazardous waste management, hazardous materials management, stormwater management, and more.

USEPA STORMWATER WEBCAST SERIES EPA's NPDES Permit program offers training courses, workshops, and webcasts to explain the regulatory framework and technical considerations of the NPDES Permit program. These courses are designed for permit writers, dischargers, USEPA officials, and other interested parties.

USEPA REDUCE RUNOFF VIDEO EPA and the US Botanic Garden produced a nine-minute online video, "Reduce Run-off: Slow It Down, Spread It Out, Soak It In," that highlights green techniques such as rain gardens, green roofs and rain barrels to help manage stormwater runoff.

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

NPDES TRAINING The web-based NPDES permit writers training is a series of web-based recordings of presentations. This training is appropriate for those who have attended the live course and wish to review the material in a self-paced environment, and for those who wish to become familiar with the NPDES process. A certificate of completion is available for each module in the series.

CLU-IN ENVIRONMENTAL REMEDIATION WEBCAST SERIES EPA's Clean-up Information (CLU-IN) website provides information about innovative treatment and site characterization technologies while acting as a forum for waste remediation stakeholders. The CLU-IN website offers free podcasts, live web events, course and seminar information and more, with most lasting approximately two hours.

USEPA CLIMATE & ENERGY WEBCAST SERIES EPA hosts the Local Climate and Energy Webcast Series to assist local governments as they explore and plan climate change and clean energy efforts. These regular webcasts highlight EPA resources available to local governments and present examples of successful climate and energy programs and policies implemented locally.

GLOBAL CHALLENGES/CHEMISTRY SOLUTIONS PODCAST SERIES Global Challenges/Chemistry Solutions is a series of podcasts describing some of the 21st century's most daunting problems, and how cutting-edge research in chemistry matters in the quest for solutions. These global challenges includes dilemmas such as providing a hungry, thirsty world with ample supplies of safe food and clean water; developing alternatives to petroleum to fuel society; preserving the environment and assuring a sustainable future; and improving human health.

FEMP 2013 FIRST THURSDAY SERIES SEMINARS First Thursday Seminars are FEMP training opportunities targeting federal energy, environmental, and fleet professionals offered at no cost by leading experts. Seminars will be held through August on the first Thursday of each month. Archived seminars from 2010-2013 are also available at this site.

SOLAR ENERGY INTERNATIONAL Solar Energy International offers several online courses addressing design and installation of a variety of solar energy systems. These fee-based courses generally require 10 hours per week of online instruction, accessible at any time. Courses must be completed within a six-week window.

Staff Directory

| | |
|-------------------------------|--------------|
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| Regulatory Affairs Specialist | 404-460-3135 |

How the Regional Offices Work for You

Southern Region Review of Legislative and Regulatory Actions can be part of an installation's procedures to satisfy Section 4.3.2 (Legal and other requirements) of ISO 14001. Information in the *Review* is intended for general guidance, and the reader should refer to cited source documents for more detailed information to determine the applicability and scope of referenced legislation and regulations.

The US Army Regional Environmental and Energy Offices (REEOs) monitor state legislative and regulatory actions on your behalf. If a proposed state action has (1) critical mission impact; (2) conflicts with a federal requirement; and/or (3) causes a disproportionate effect on the Army or DoD, REEOs coordinate with potentially affected installations, commands, and/or other military Services to further assess the impact. If action on a proposed measure is necessary, REEOs work with Army or Service regulatory experts to communicate the DA/DoD position. Comments are combined from all parties in a single DoD/Army package, then formally submitted to the state.

Want to comment on a rule or bill in the *Review*?

Please contact your Regional Environmental Coordinator listed in the Staff Directory.

For further information on the Army's REEOs, visit: <http://www.asaie.army.mil/Public/InfraAnalysis/REEO/>.