



AMCOM G-4, Depot Support Branch Presents:



# As the Rotor Turns

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## ACLCL Earns AMC Award

By Sara E. Martin

The Army has many goals designed to fit into the changing world, from enhancing the quality of life of its Soldiers and their Families to being good stewards of tax dollars, and one of these goals has taken a lead place in urgency – reducing the Army’s environmental footprint.

And Fort Rucker was recognized Monday as a leading installation when it comes to helping Mother Earth.

U.S. Army Materiel Command recognized the efforts of the Aviation Center Logistics Command to reduce Aviation’s input in air emissions by awarding the Spray Technique Analysis and Research for Defense 4D Team the 2013 Headquarters AMC Sustainability Team Award. The award was for its teaming efforts in fiscal year 2012 in addressing painter training impacts to mission, and the start-up of an onsite satellite training facility.

“We have focused on all sorts of aspects – quality,

safety, environmental and we want to sustain our mission. Yes we have reduced air emission, and yes we have reduced waste water treatment, but what we have actually done is given the mission a way to practice to increase and better the skills of painters without any of these negative impacts,” said Genie Jones, Aviation and Missile Life Cycle Management Command G4/ACLCL en-

vironmental chief.

According to Jones, the AMC Sustainability Team award is presented to the ACLCL commander whose support enabled the extraordinary teaming efforts of two Star4D Teams made up of ACLCL and contractor (Army Fleet Services) representatives.

“The Star4D Teams enhanced mission by: recog-

nizing a need for change, envisioning and researching alternatives for change, developing and selling a business case justification, obtaining start-up funding, training over 30 painters, and sustaining a new-to-Fort Rucker process that enhances and standardizes aircraft paint quality prod-



William T. Singer, ACLCL deputy commander, Col. Michael Aid, ACLCL commander, Genie Jones, AMCOM G4/ACLCL environmental chief, and Col. Stuart J. McRae, garrison

uct and painter techniques, while decreasing Fort Rucker’s environmental footprint,” she said. STAR4D training methodology consists of state-of-the-art virtual reality technology to simulate the application of coatings in a hazardous-free classroom training environment. “Implementation of

## ACLCL Award cont.

STAR4D, a commercial-off-the-shelf painter training and certification program, has reduced coatings consumption by 30 percent and generation of hazardous waste by 30 percent within the Cairns Painting Operations. And it has eliminated approximately \$50,000 per year in operational costs in a budget-constrained environment,” said William T. Singer, ACLC deputy commander.

“We are also not over painting the aircraft, which has a fuel impact as well. By eliminating access paint weight we are able to get more flying hours for fewer

dollars,” he added. Fort Rucker has been using the system for a little over two years, said Jones. It is upgraded several times a year, which has reduced Fort Rucker’s hazardous air pollutions to less than one parts per million. “You guys do great work down there, it is outstanding,” said James Dwyer, principal deputy to the chief of staff of HQ AMC operations. “You help keep our Army trained and provide combat power. What you do does make a difference, it is truly remarkable. Thank you for making our Army stronger.”

Col. Michael Aid, ACLC commander, said that teams from all over the installation came together and focused on how to

sustain this mission, and how they could do it for less while reducing the negative impacts of the paint.

“This is so important for our mission because it helps sustain the aircraft by making sure the paint is applied in the most efficient and effective manner,” he said.

“And that helps the overall Army mission by sustaining Fort Rucker’s overall mission to keep our Soldiers in the air training and to reduce our footprint while still reducing costs.”

The team also won the Air Conservationist of the Year award by the Alabama Wildlife Federation Governor’s Conservation Achievement Awards Aug. 2.

## Protect Against Complacency with Workplace Safety

### *Corps of Engineers aims for safest year ever*

By Jo Anita Miley

Huntsville Center of public affairs

Workplace safety is about preventing injuries and protecting the health of Soldiers, civilians and contractors by ensuring safe and healthy workplaces- whether it is in our buildings or in the middle of Afghanistan.

“It’s about protecting USACE’s most valuable asset—you. By protecting you, our workforce safety program assists our commander and USACE in ‘getting the job done’ and completing our assigned missions,” Victor Taylor, chief of safety at the engineering and support center, Huntsville, said.

He said each duty day brings its own unique set of hazards to the workplace. Because of our daily routines, it’s easy to get complacent and not recognize these hazards. A proactive workplace safety program reduces risks by identifying the hazards and developing control measures before accidents occur. It also looks at the connections between employees, their duties, equipment and tools, and working environment. The workplace safety program manages the following hazards, to mention a few:

- Electrical (shock/short circuit, fire)
- Ergonomics (strain, human error)
- Fire/heat burns (burns, smoke inhalation)

- Slips,, trips and falls (ladders, equipment)
- Mechanical (vibration, amputations)
- Noise (hearing damage, stress)
- Material Handling (failure to follow correct guidance)
- Power tools (improper use or storage)
- Visibility (lack of proper lighting, obstructed vision)
- Weather (snow, rain, wind or ice that increases or creates a hazard)

William Eggleston, a safety engineer with the center’s Safety Office said that sometimes all that is required to maintain a safe work environment is using a little common sense. Many accidents in the workplace can be prevented by implementing an element of on-the-job safety.

“Think about safety as you go

about your day.” Eggleston said. “Not paying attention to what you are doing can also cause problems. For instance, falls remain one of the most common workplace accidents throughout the world not just in the U.S., with three of the top five workplace violations report by OSHA involving accidents caused by working at dangerous heights.

“The top workplace safety violations in 2012 were fall protection, hazard communication, scaffolding protection, respiratory protection and ladder safety standards in the U.S.,

according to OSHA.”

Eggleston said beyond simply following regulations, the real challenge is adopting a culture that values safety and seeks to reduce risks whenever possible, even if it means delaying construction until deficiencies can be corrected.

Taylor said workplace safety applies to everyone. Employees need to stay alert and aware at all times to avoid accidents, while supervisors need to know the most common causes for workplace accidents and be able to spot the risk factors early to prevent one.

“Part of the goal of the workplace safety program is to prevent accidents and injuries by complying with OSHA standards and effectively using the Composite Risk Management,” Taylor said. “This program specifically targets our assigned Soldiers and Department of Army civilians performing non-combat roles during training, contingency operations, field operations, and office and industrial operations. We want to make 2014 our safest year ever. We need our entire workforce to help us reach this goal.”

## CCAD Breaks Ground for New Helicopter Painting Facility

By Bridget Rox  
CCAD Public Affairs

**Corpus Christi, TX (December 20, 2013)** – Corpus Christi Army Depot (CCAD); the core of Army aviation's maintenance, repair and overhaul (MRO) for helicopters, engines and components; broke ground on a new modernized helicopter facility that will house painting operations for Army helicopters, this December. When complete, this \$34.2M Aircraft Corrosion Control Facility (ACCF) will meet the painting requirements for the Army's UH-60 Black Hawk, CH-47D Chinook and AH-64 Apache. It will also improve corrosion control and the working environment. “The Army and the American taxpayers will get their money's worth out of this facility and, most importantly, will be able to provide even better support for

the Soldiers, Sailors, Airmen, Marines and Coast Guardsmen who get to do their job better because of the work that's done here,” said John Nergler, the Executive Deputy to the Commanding General of Army Materiel Command (AMC).

Depot artisans have been working in the same paint hangar since 1970. The hangar was only designed to paint the Army's smaller helicopters: the UH-1 Huey and AH-1 Cobra, and the larger Chinook aircraft. The han-



Rendering of interior of new paint facility. *Courtesy photo.*

gar has 57,280 square feet of space and is equipped with four dated down-draft water-wash paint booths.

Over the last two decades, however, CCAD's workload has expanded to include newer and larger weapon systems, most nota-

Rendering of interior of new paint facility. *Courtesy photo.*



by the UH-60, its Air Force variant, and the AH-64.

Army aviation's modernization workload requirements are substantially greater now than they had been in the past. CCAD's existing smaller booths cannot keep pace with the Army's production needs. CCAD's paint shop must also strive to meet current environmental standards that are not possible in its existing location. Without this new facility, CCAD will continue to experience maintenance backlogs due to inadequate, hazardous and substandard facilities. The continual deterioration of the facility may expose personnel to hazardous working

conditions.

The ACCF is part of the Military Construction Army program for Fiscal Year 2013. Completion is scheduled for 2016 and will significantly increase the painting capacity for the organic industrial base at CCAD. The 77,765 sq. ft. building's six cleaning and paint bays will be large enough to accommodate the U.S. Army's newest and largest helicopters for the next several decades.

It will allow the depot to take on additional workload, continue to meet the state's air permit requirements by consolidating paint operations under one roof, and minimize costly downtime asso-

ciated with aircraft movement. The Aircraft Corrosion Control Facility will also incorporate environmentally friendly processes. New environment-conscious equipment will enable the depot to service not only more aircraft, but larger aircraft as well, all while producing fewer pollutants and using less energy.

"A few assignments ago I used to manage military construction for the Army back in the Pentagon, and I know the advanced planning, the environmental assessments, the designs, the continuing articulation of the requirement before various boards up and down the chain, and defending this project and budgets multiple times over multiple years," said Neger. "Just because this building needed to be built was no guarantee that it would be built. The Army's military construction program budgets are declining and headed to historic lows. It really is very appropriate to single out how significant it is for Corpus Christi and the Army to get approval to move forward on this new facility."

## Fort Rucker's Recycling Plan Pulls Its Weight

By Sara E. Martin, Army Flier Staff Writer

Published: January 16, 2014

FORT RUCKER, Ala. (January 16, 2014) -- With the arrival of the new year, some people think about making new, healthy habits, and Fort Rucker is helping people go green by continuing to

make on-post recycling accessible and easy.

Fort Rucker offers many ways to recycle, including the Corvias Military Living program, the environmental center, and according to Melissa Lowlavar, environmental management branch chief, the post is pulling its

weight when it comes to helping with the growing epidemic of overflowing landfills.

"It is super easy to drop things off at our center. No hassle, no paperwork and no fees. You can live off post, you can bring your neighbors' stuff, you can be a civilian, you can work on post – it doesn't matter when it comes to recycling," she said. "We all

should be stewards of the Earth. (Everyone needs to) do (their) part to make sure that future generations have all of the needed resources to live on this beautiful planet.”

The recycling center collects material year round. Some of the typical things it takes are cardboard, aluminum cans, paper, mixed plastics, old toner cartridges, used oil, metals, wood pallets, and electronic waste such as old cell phones, computers and compact discs.

“All of our efforts make a difference,” said Kevin Bryan, environmental scientist. “Using plastics as an example: the

number of bottles that it takes to make up a bale of plastic for recycling would more than fill up a standard in-ground swimming pool. That is a lot of space that we are saving in our local landfills.”

The fact that anyone can use the environmental center, with its easily accessible location, and the fact that it collects materials at office buildings make them a good choice when it comes to local recycling, he continued.

For those that have daily recyclables, there are paper and cardboard recycling bins set up at a variety of locations around the installation. There is one in almost every office building, said

Bryan. But for those with large amounts, the center is located in the center of post for drop off.

“People can collect their segregated recyclables, drive up and into the warehouse (Bldg. 9322) where some of our staff will be glad to assist and direct them. On bad weather days, if the big roll up door is closed, people will have to go through the smaller, personal door in order to get as-

with children when you tell them how long it takes certain things to biodegrade in the landfill.”

It’s just as easy taking something to the dump as it is to bring it to the center, added Bryan, saying that it is more efficient and healthier than letting it sit around the house.

Fort Rucker even has an incentive program to reward units and organizations for their recycling efforts.

“In the program, groups are awarded monetary credit towards their Directorate of Family, Morale, Welfare and Recreation account that they can utilize for numerous things. There are several units that have been credited several hundred dollars for their efforts,” he said.

Corvias has a separate recycling program that Soldiers and Families that live on post can utilize that has just as many opportunities to recycle with just as much ease.

“Each home comes with a 35-gallon rolling-recycling container that is picked up every Monday, and the program is free to use and you don’t have to sign up for it,” said Michael Gregory, Corvias Military Housing director of capital improvements, maintenance and purchasing.

The materials that are allowed in each container are: aluminum, steel and tin cans; cardboard; paper and paper bags; books; No. 1



Jason Dykes and Kent Tate, URS contractors, and Melissa Lowlavar, environmental branch chief. (Photo: Sara Martin)

assistance.”

The center has a few rules when it comes to dropping things off to be recycled.

“People have to separate what they bring in and food residue cannot be in any of the containers,” said Lowlavar. Officials also request that pizza boxes not be brought in, and that bottles and cans that used to contain liquids be washed out to keep the facility as clean and rodent-free as possible.

“Parents should encourage children to be involved in the process and make it be educational,” she continued. “It really hits home

## Rucker Recycling cont.

and 2 plastic bottles; and pizza boxes.

Things that cannot go in the container are plastic bags, Styrofoam, yard waste, wax cartons and glass.

“So far, we have recycled more than 1,400 tons since 2006,” he said.

One of the biggest events that focus on recycling will be held April 22 at the festival fields. The Earth Day Exposition will begin at 10 a.m. and last until 3 p.m.

The recycling center at Bldg. 9322 is open Mondays through Fridays from 8 a.m. to 4 p.m. This article was originally published at:

<http://www.army.mil/article/118374/>

## CCAD Wins Mason Award for DoD Maintenance

By Brigitte Rox, Corpus Christi Army Depot

With more than 2,000 UH-60 Black Hawks in the Army fleet, the Corpus Christi Army Depot (CCAD) plays a critical role in equipping the Soldier with the most powerful and versatile helicopter in the Department of Defense (DoD).

CCAD’s vital recapitalization program extends the life of each helicopter and maxes out its capabilities for the Soldier on the field. In 2012, depot artisans made strides to churn Black Hawks out better and faster than ever before when they produced a record-breaking fifty recapitalized Black Hawks at an uncompromising value to DoD and to the American taxpayer.

This feat earned the depot two major awards this year from the Army and the Department of Defense with the Army Award for Maintenance Excellence (AAME), given by the Army Chief of Staff; and the Robert T. Mason Award for Depot Maintenance Excellence, the highest award for depot-level maintenance in all of DoD, given by the

Secretary of Defense Maintenance.

“The entire CCAD team is hum-



bled and honored with this recognition,” said Kresten Cook, Deputy to the Commander for Support at CCAD.

Depot leaders say that the success of the recap line was a result of a number of significant innovations

and strategic maintenance moves that lowered program costs, but the CCAD workforce credits a superior commander and unfaltering teamwork as the forces that kept them motivated to deliver.

Former Depot Commander, Col. Christopher B. Carlile made CCAD’s situation clear to his team: “When it comes down to it, the U.S. government can’t afford to purchase new aircraft each time one is damaged,” he said. “They rely on [CCAD] to take those damaged aircraft and components and get them flying again.”

CCAD’s recap program reduces the costs of replacing aging helicopters with new ones, saving taxpayers approximately \$12 million with each rebuild. Since 2003, CCAD has saved the taxpayer more than \$20 billion through a number of programs designed to cut time and costs while making smarter choices in workload. These savings are critical to Army Aviation as budget cuts in the Department of Defense loom over the next ten years.

The Army Chief of Staff awards the AAME Award to recognize Army units and activities that have demonstrated excellence in maintenance operations. Recipi-

ents must embody logistics mastery by making a significant contribution to maintenance readiness that better equips the Army, improves efficiency and reduces waste. Each year 12 winners and 12 runners-up are awarded for

their superior maintenance operations.

The Robert T. Mason Award for Depot Maintenance Excellence is presented to an outstanding Defense program from a major organic depot-level maintenance facility that exemplifies respon-

sive, transformed, depot-level maintenance support to DoD operating units. The plaque and Robert T. Mason Trophy are courtesy of the Society of Automotive Engineers International (SAE).

## ACLC Star4D Instructors of the Year: Recognized by the University of Northern Iowa

While there are many contributors to the success of the STAR4D Painter Training and Certification Program at Ft Rucker, STAR4D management and staff would like to acknowledge the commendable support of two individuals: Mr. Thomas Elsbernd and Mr. Keith Gerebics, the STAR4D instructors at Ft Rucker.

The STAR4D staff at the Iowa Waste Reduction Center and the University of Northern Iowa is greatly impressed by Keith and Tom's dedication furthering continuous improvement of painter skills and providing a positive influence on the overall mission at Ft Rucker. The STAR4D staff has selected Tom and Keith as 2013 STAR4Defense Instructors of the Year for the following reasons:

Keith and Tom exceeded the certification requirements of Ft Rucker's multiple paint facilities and are directly responsible for assisting ACLC reduce the amount of coating materials purchased and reduce hazardous waste generation & disposal at those multiple paint facilities. During the startup phase of the Ft. Rucker STAR4D training fa-

cility, Tom and Keith did an excellent job in setting up the classroom to foster an organic learning environment. Keith and Tom integrated the STAR4D curriculum, Virtual Paint simulation equipment as well as other "hands-on" training tools specifically suited to Ft Rucker's multiple painting and coating operations.

Both instructors have continued their dedication and remain focused on delivering technically proficient STAR4D course curriculum to the Ft. Rucker aviation painters. They care deeply about the skills enhancement product they provide and the students they are teaching. Tom and Keith are instilling the notion that students should understand the importance of their job to the warfighter and how painter skills impact environmental, safety, quality and production costs.

The STAR4D staff greatly appreciates the extra efforts and dedication that both Ft. Rucker instructors have demonstrated. STAR4D is truly honored to name Tom and Keith the "STAR4Defense 2013 Instructors of the Year".

Plaques from UNI were presented by Col. Aid.



Col. Aid and Thomas Elsbernd.



Col. Aid and Keith Gerebics.

Pictures provided by ACLC Environmental.

## Regulatory Roundup/Quarterly CRAU

### Federal Updates:

#### H.R. 3464. Amendment of Federal Water Pollution Control Act (Draft)

A bill to amend the Federal Water Pollution Control Act with respect to discharges incidental to the normal operation of certain vessels; to the Committee on Transportation and Infrastructure (Congressional Record; 13 November 2013 [House], page H7050). Text of the bill to be listed [here](#).

#### Extension of Comment Period for the Water Quality Standards Regulatory Clarifications Proposed Rule (Draft)

EPA is extending the comment period for the proposed rule "Water Quality Standards Regulatory Clarifications" published 4 September 2013. EPA is extending the comment period in response to stakeholder requests for a 30-day extension. Comments must be received on or before 2 January 2014. The comment period was originally scheduled to end on 3 December 2013. POC is Janita Aguirre, EPA Headquarters, Office of Water, Office of Science and Technology, at 202-566-1860 or email: [WQSRegulatoryClarifications@epa.gov](mailto:WQSRegulatoryClarifications@epa.gov) (Federal Register 27 November 2013 [Proposed Rules], pages 70905-70906).

#### S. 1781. Clean Air Act Amendment (Draft)

A bill to amend the Clean Air Act

to clarify the definition of accidental release, and for other purposes; to the Committee on Environment and Public Works (Congressional Record; 9 December 2013 [Senate], page S8565). Text of bill to be listed [here](#).

#### Draft NPDES General Permit for Stormwater Discharges From Industrial Activities; Extension of Comment Period (DRAFT)

On 27 September 2013 the EPA Regions 1, 2, 3, 5, 6, 7, 8, 9, and 10 published a request for comments on EPA's draft 2013 NPDES general permit for stormwater discharges from industrial activity, also referred to as the Multi-Sector General Permit (MSGP). The public comment period for the review published 27 September 2013 (79 FR 59672) is being extended for 30 days to 26 December 2013 in order to provide the public additional time to submit comments and supporting information. POC is Bryan Rittenhouse, Office of Wastewater Management (4203M), U.S. EPA, 1200 Pennsylvania Ave. NW., Washington, DC 20460; tel: (202) 564-0577; fax: (202) 564-6384; email address: [rittenhouse.bryan@epa.gov](mailto:rittenhouse.bryan@epa.gov) (Federal Register; 3 December 2013 (Notices), Pages 72676-72677).

#### S. 1905. Establishment of GHG Emission Standards (Draft)



A bill to provide direction to the Administrator of the Environ-

mental Protection Agency regarding the establishment of standards for emissions of any greenhouse gas from fossil fuel-fired electric utility generating units, and for other purposes; to the Committee on Environment and Public Works (Congressional Record; 9 January 2014 [Senate], page S223).

#### Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units (Draft)

On 8 January 2014, EPA published the proposed rule, "Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units." The EPA is announcing a change in the date for the public hearing to be held for the proposed Standards of Performance for Greenhouse Gas Emissions for New Stationary Sources: Electric Utility Generating Units. The public hearing will be held on 6 February 2014. POC is Ms. Pamela Garrett, U.S. EPA, Office of Air Quality Planning and Standards, Sector Policies and Programs Division (D243-01), Research Triangle Park, NC 27711; tel: 919-541-7966; fax: 919-541-5450; email: [garrett.pamela@epa.gov](mailto:garrett.pamela@epa.gov) (Federal Register; 22 January 2014 [Proposed Rules], pages 3557-3558).

#### S. 1951. CERCLA Amendment (Draft)

A bill to amend the Comprehen-

sive Environmental Response, Compensation, and Liability Act of 1980 to make responsible parties liable for certain costs relating to the release of pollutants or contaminants; to the Committee on Environment and Public Works (Congressional Record; 16 January 2014 [Senate], page S439). Text of the bill to be listed [here](#).

 **H.R. 3826. Establishment of GHG Emission Standards (Draft)**  
A bill to provide direction to the Administrator of the Environmental Protection Agency regarding the establishment of standards for emissions of any greenhouse gas from fossil fuel-fired electric utility generating units, and for other purposes; to the Committee on Environment and Public Works (Congressional Record; 9 January 2014 [Senate], page S223). Text of the bill to be listed [here](#).

### Texas Finalized Changes:

**(EFFECTIVE 30 OCT 13) COMMISSION ON ENVIRONMENTAL QUALITY FINAL RULE: STAGE II DE-COMMISSIONING (30 TAC 115)** revises Chapter 115, Subchapter C, Division 4 to specify owners or operators of new gasoline dispensing facilities (GDFs) are not required to install Stage II equipment and allows existing GDFs in the current program areas to properly decommission Stage II equipment. POC: Santos Olivarez at (512) 239-4718.

**(EFFECTIVE 28 NOV 13) COMMISSION ON ENVIRONMENTAL QUALITY FINAL RULE: RADIOACTIVE SUBSTANCE RULES, MAXIMUM DISPOSAL RATES (30 TAC §336.1310)** sets maximum disposal rates a licensee may charge generators for disposal of low-level radioactive waste. Rate would be the same as the executive director's recommended disposal rates discussed during State Office of Administrative Hearing process. POC: Tonya Baer at (512) 239-1233.

**(EFFECTIVE 14 NOV 13) COMMISSION ON ENVIRONMENTAL QUALITY FINAL RULE: CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS SURFACE COATING APPLICATION SYSTEMS REVISION (30 TAC 115)** allows airless and air-assisted airless spray application systems for coating various metal parts and products, plastic parts and products, automotive/transportation and business machine plastic parts, and motor vehicle materials in the Dallas-Fort Worth and Houston-Galveston-Brazoria 1997 eight-hour ozone nonattainment areas. POC: Frances Dowiak at (512) 239-3931.

**(EFFECTIVE 13 NOV 13) COMMISSION ON ENVIRONMENTAL QUALITY FINAL RULE: URANIUM SOIL CONCENTRATION STANDARD (30 TAC §336.1115)** amends uranium limits for outdoor areas to be considered suitable for release to unrestricted

use. Specifically, amends uranium in soil concentration limit so uranium and all related radioactive concentrations limited by the Radium Benchmark Dose Approach as specified in NUREG-1620 Appendix H. POC: Tony Gonzalez at (512) 239-6471.

### Texas Proposed Changes:

**(NEW) COMMISSION ON ENVIRONMENTAL QUALITY PROPOSED RULE: RAINWATER HARVESTING (RWHS)** amends Chapter 290 to:

- Remove "for indoor use" from §290.44(j);
  - Require a privately owned RWHS with capacity of more than 500 gallons connected to a public water system (PWS) for a back-up supply to have a back-flow prevention assembly or an air gap at the storage facility for the harvested rainwater in §290.44(j)(1);
  - Remove the word "indoor" from the phrase "for indoor potable purposes" in §290.44(j)(2);
  - Remove the phrase "for use for potable purposes" from renumbered §290.44(j)(3); and
  - Require that the PWS used as a back-up supply for a RWHS may be connected only to the water storage tank and may not be connected to the plumbing of a structure in new §290.44(j)(4).
- Comments due 12 Nov 13. POC: Cindy Haynie (512) 239-3465.

**(NEW) COMMISSION ON ENVIRONMENTAL QUALITY PROPOSED RULE: CONTROL OF AIR POLLUTION FROM MOTOR VEHI-**

**CLES Inspection and Maintenance (I/M) (Chapter 114)** replaces current dual inspection and registration sticker system with a single registration sticker and modifies method used to collect state's portion of vehicle safety and emissions inspection fee. Changes include:

- Eliminating use of safety and emissions inspection windshield sticker;
- Verifying compliance with I/M program requirements using vehicle inspection report or vehicle registration insignia sticker instead of the current safety and emissions inspection windshield sticker;
- Passing of vehicle safety and emissions inspection no more than 90 days prior to vehicle registration expiration instead of expiration of vehicle's safety and emissions inspection windshield sticker; Replacing TCEQ with Department of Public Safety as entity providing information on compliant vehicles to Department of Motor Vehicles (DMV); and
- Collecting state's portion of safety and emissions inspection fee at time of registration or registration renewal by DMV or county tax assessor-collector. Comments due 4 Nov 13. POC: Edgar Gilmore at (512) 239-2069.

**(NEW) TX PUBLIC UTILITY COMMISSION PROPOSED RULE: OPEN-ACCESS COMPARABLE TRANSMISSION SERVICE FOR ELECTRIC UTILITIES (16 TAC §25.192)** allows municipally owned utilities to recover payments made in

lieu of ad valorem taxes under certain conditions. This rule is a competition rule subject to judicial review as specified in Public Utility Regulatory Act (PURA) §39.001(e). Hearing scheduled for 9 Dec 13, Comments due 2 Dec 13. POC: Rules Coordinator at (512) 936-7223

**(NEW) COMMISSION ON ENVIRONMENTAL QUALITY PROPOSED RULE: GREENHOUSE GASES (GHGS) PERMITTING REQUIREMENTS UNDER PREVENTION OF SIGNIFICANT DETERIORATION (PSD) PROGRAM AND FEDERAL OPERATING PERMITS ('TITLE V') PROGRAM (30 TAC CHAPTERS 39, 55, 101, 106, 116, 122).** House Bill (HB) 788, 83rd Legislature, 2013, added new Texas Health and Safety Code (THSC), §382.05102. The commission initiates rulemaking to fulfill the directive from the legislature. Change summary:

Chapter 39

- Changes to §39.411 ensure public notice text for PSD GHG permits correctly indicates a person may request a notice and comment hearing for PSD GHG permits (as opposed to a contested case hearing).

- New §39.412 establishes public notice procedures for certain PSD GHG permit applications previously submitted to EPA.

Chapter 55

- Changes to §55.201 ensure applications for a PSD GHG permit are not subject to contested case hearing requirements. A notice

and comment hearing process will apply.

Chapter 101

- A definition of "greenhouse gases" was added under §101.1. §101.1 definition of "reportable quantity" amended to specify there is no Reportable Quantity (RQ) for any individual GHG or aggregate six GHGs except for specific individual air contaminant compounds previously included in the definition of RQ.
- Changes to §101.10 to exempt emissions of GHGs from counting toward emissions inventory (EI) applicability requirement for sources emitting or that have potential to emit 100 tons per year or more of any contaminant, to be consistent with federally tailored thresholds for GHGs and to exempt GHGs from reporting requirement on EI.

- Changes to §101.27 to exempt pollutant GHGs from the term "regulated pollutant" to establish there are no fees on emissions of GHGs.

Chapter 106

- Changes to §§106.2 and 106.4 specify that Chapter 106, Permits by Rule (PBR), does not authorize or limit emissions of GHGs.
- Changes to §106.4 to establish a PBR may be used in conjunction with a PSD GHG permit as long as the non-GHGs pollutants meet conditions of the PBR.

Chapter 116

- Changes to relevant definitions in §116.12 establish that GHGs are a "federally regulated new source review pollutant," and define how "carbon dioxide equivalent

lent (CO<sub>2</sub>e) emissions" are determined.

- New §116.169 establishes procedures for transition of GHG PSD permit applications from EPA to TCEQ.
- Changes to §116.610 to establish that standard permits may be used in conjunction with a PSD GHG permit as long as non-GHG pollutants meet standard permit conditions.

#### Chapter 122

- Changes to §122.10 definition of "air pollutant" and "major source" make sites with emissions of GHGs exceeding federal threshold levels subject to the requirement to obtain a Title V Federal Operating Permit.
- Changes to §122.122 provide a method for sources to certify enforceable emission limits for GHGs. Since pollutant GHG is being added to the Title V (and PSD) permitting program, existing sources may have potential to emit over the major source thresholds, but actual emissions may be below thresholds.

Public meeting 5 Dec 13, comments due 9 Dec 13. POC: Tasha Burns (512) 239-5868.

**(NEW) COMMISSION ON ENVIRONMENTAL QUALITY PROPOSED RULE: DIESEL EMISSIONS REDUCTION INCENTIVE PROGRAM (30 TAC §114.622, §114.629)** amends existing rules implementing the Diesel Emissions Reduction Incentive (DERI) Program established under Texas Health and Safety Code (THSC), Chapter 386, Subchapter C. DERI provides financial incentives for reducing emis-

sions of on-road heavy-duty motor vehicles and non-road equipment. Senate Bill (SB) 1727, 83rd Legislature, 2013, amended THSC, Chapter 386, Subchapter C, to revise existing criteria for receiving an incentive grant under this subchapter. The revision to THSC, §386.106, removed maximum cost-effectiveness limit of \$15,000/ton nitrogen oxides (NOX) reduced in the nonattainment area or affected county for any proposed project. Under revision, Wise County (north and west of Dallas-Fort Worth) is added to the Dallas-Fort Worth 2008 Eight-Hour Ozone Nonattainment Area. Hearing scheduled 12 Dec 13, comments due 18 Dec 13. POC: Steve Dayton at (512) 239-6824.

**(NEW) TX RAILROAD COMMISSION PROPOSED RULE: CONTAINER CORROSION PROTECTION SYSTEM (16 TAC §9.116)** new rule incorporates nationally recognized corrosion protection provisions to reduce risk of corrosion damage and subsequent leakage in Liquid Propane gas storage tanks installed wholly or partially underground. Comments due 30 Dec 13. POC: James Osterhaus at (512) 463-6692.

**OTHER REGULATORY ACTIVITY AND GENERAL INFORMATION**  
**EPA FINALIZES APPROVAL OF PUBLIC PARTICIPATION RULES IN TEXAS' CLEAN-AIR PLAN.** EPA approved TX's clean-air plan covering public notification requirements for facilities applying for

air permits. Revised plan gives citizens additional opportunities to comment on applications for air permits for new facilities and modifications to existing facilities. TCEQ incorporated revisions into SIP submitted to EPA. Revised plan clarified procedures for citizens to submit comments on permit applications, as well as how TCEQ is to respond to comments. Citizens will be notified when a facility applies for a permit and after TCEQ proposes a draft permit. Facilities will also have to provide expanded technical documents to ensure citizens and interested groups have as much information as possible on proposed permits.

**(NEW) COMMISSION ON ENVIRONMENTAL QUALITY: NOTICE OF NEW PROPOSED WASTEWATER DISPOSAL (WQG100000) GENERAL PERMIT** authorizing wastewater generated by industrial or water treatment facilities to be disposed of by evaporation from surface impoundments adjacent to water in the state. Proposed general permit would not authorize discharge of wastewater into water in the state. Comments due 24 Jan 14. POC: Laurie Fleet at (512) 239-5445.

**(NEW) EPA PROPOSED RULE: STAGE II VAPOR RECOVERY PROGRAM AND CONTROL OF AIR POLLUTION FROM VOLATILE ORGANIC COMPOUNDS** at gasoline dispensing facilities (GDFs). EPA also proposes to approve related revisions to Stage II SIP narrative pertaining to mainte-

nance and removal of Stage II vapor recovery equipment and demonstrating absence of Stage II equipment in the Beaumont-Port Arthur (BPA), Dallas-Fort Worth (DFW) and Houston-Galveston Brazoria (HGB) areas; and in El Paso County not interfering with attainment of national ambient air quality standards (NAAQS) for ozone, reasonable further progress or any other requirement of the Clean Air Act.

### Alabama Proposed Changes:

#### 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.

#### COMMERCIAL AND INDUSTRIAL SOLID WASTE IN-

#### CINERATION (335-3-3.05)

ADEM has proposed amendments to Administrative Code Rule (ACR) 335-3-3-.05 to incorporate emission guidelines for existing commercial and industrial solid waste incineration units. Revisions will be a part of the state plan required under §111(d) and 129 of the Clean Air Act. The Notice of Intent to Adopt, Amend, or Repeal Rules was filed 24 NOV 13 and published 27 NOV 13. A hearing is scheduled for and comments are due 9 JAN 14. POC: Ronald W. Gore.

#### UNDERGROUND STORAGE TANKS (335-6-15-.02, .06, .09, .13, .15, .17, .18, .19, .22, .27, .31, .33, .34, .45, .46, .47)

ADEM has proposed revisions to ACR 335-6 to:

- Change the manner in which delivery prohibition becomes effective for affected owners;
- Allow owners who are certified installers, who are installing, closing or repairing Underground Storage Tanks (USTs) to use the Alabama Underground and Aboveground Storage Tank Trust Fund for Financial Responsibility; and to
- Revise the definition of routine maintenance and make other necessary updates.

The Notice of Intent to Adopt, Amend, or Repeal Rules was filed 24 NOV 13 and published 27 NOV 13. A hearing is scheduled for and comments are due 9 JAN 14. POC: ADEM Hearing Officer.

### Pennsylvania Final Changes:

#### AIR QUALITY TITLE V FEE

**AMENDMENT** The Pennsylvania Department of Environmental Protection (PDEP) has **adopted** amendments to Chapter 127, Subchapter I, relating to plan approval and operating permit fees. The amendments satisfy federal and state obligations to establish a Title V annual emission fee sufficient to cover the reasonable direct and indirect costs of administering the operating permit program and other related requirements. A notice of the proposed amendments was published in the March 2013 edition of the Northern Review. The amendments became effective on 14 DEC 13.

### Pennsylvania Proposed Changes:

#### REMOVAL OF THE REPEALED PFC REGULATION FROM THE SIP

PDEP has **proposed** a revision to remove the previously repealed portable fuel container (PFC) regulation from Pennsylvania's SIP. The PFC regulation controlled volatile organic compound (VOC) emissions from gasoline containers; the rescission of the regulation became effective in July 2012. The rescission was necessary because the commonwealth's PFC regulation had become less stringent than federal standards. Comments are due by 14 JAN 14.

## DoD Guidance Etc.

### Updated Department of Defense Instruction 4715.07

The Department updated DoD Instruction 4715.07, *Defense Environmental Restoration Program (DERP)*. The DoDI establishes policy, assigns responsibilities, and provides procedures for implementing the DERP. The instruction incorporates DoD's new policies to improve managing risk prior to construction of final cleanup actions, considers green and sustainable cleanup opportunities and maximizes transparency of DoD's cleanup efforts

### Nominations for the 2014 SecDef Environmental Awards

Nominations for the Secretary of Defense Environmental Awards (to be recognized in 2014) are due by March 3, 2014, using the guidance document issued by the Acting Deputy Under Secretary of Defense (Installations & Environment) on September 4, 2013. Each Military Service and Defense Agency may submit one nomination for each of the nine award categories listed in the guidance for achievements during the period October 1, 2011 through September 30, 2013. These awards have honored individuals, teams, and installations for their outstanding achievements to improve the environmental performance of the Department each year since 1962. See <http://www.acq.osd.mil/ie/> for more information for this award.

### Renewable Energy on Federal Lands

As part of President Obama's 'all-of-the-above' strategy to responsibly develop America's domestic energy resources, the Department of the Interior and the Department of Defense are teaming up to strengthen the nation's energy security and reduce military utility costs.

The MOU sets out the guiding concepts for the Renewable Energy Partnership Plan, the departments' roles and responsibilities under the agreement, and how they will work together to carry out the initiative. A major goal of the partnership is to harness the significant proven solar, wind, geothermal and biomass energy resources on or near DoD installations across the country, and the MOU also provides a blueprint for cooperation between Interior and DoD to identify lands for mission-compatible development of onshore renewable energy projects on DoD installations.

Under the MOU, the DoD will explore ways in which renewable energy could be provided directly to a single installation or may be transmitted across a network of DoD installations. Some larger projects could involve the sale of excess power to the grid, provided appropriate measures ensure base security. This will continue the current Administration's historic progress toward fostering renewable energy development on public lands, and together these projects, when built, will provide more than 7,200 megawatts -- enough to power around

2.3 million homes. Thanks to steps already taken by the Administration, renewable energy from sources like wind and solar have doubled since the President took office.

### Microgrid Study: Energy Security for DoD Installations

DoD study finds that microgrids offer a cost-effective solution to military installations' growing vulnerability to the fragile electric grid. The study highlights the extent of ongoing microgrid work across DoD, illustrates the largely untapped potential of moving to smarter, next generation microgrids that would accommodate far greater penetration of renewable energy sources, as well as tighter integration with the electrical grid, and summarizes the results of several months of analysis. It provides insight into opportunities for increased energy security, efficiency, and the incorporation of renewable and distributed energy resources into microgrids, as well as the factors that might facilitate or impede implementation

### For more compliance updates please see:

<https://www.fedcenter.gov/>

<http://www.epa.gov/>

<https://>

[amcomsp.redstone.army.mil/G4/EnvDiv/Com/default.aspx](https://amcomsp.redstone.army.mil/G4/EnvDiv/Com/default.aspx)

**Broad scope that may be applicable to some operations**

**Expected to apply to AMCOM operations**

**Applicable and potentially significant impact to AMCOM operations**



## US ARMY

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### AMCOM MISSION:



The Army Aviation and Missile Command (AMCOM) develops, acquires, fields, and sustains aviation, missile, and unmanned vehicle systems, ensuring readiness with seamless transition to combat operations. Core competencies are design, acquire, integrate, field and sustain systems; transition science and technology into aviation, missile, and unmanned vehicle systems; industrial operations center of excellence for air defense and rotary wing aircraft at Letterkenny and Corpus Christi Army Depots. The AMCOM G-4 (Environmental) mission is to serve as the AMCOM authority for all command weapon system and facility related environmental issues to include being the Command technical authority for all policies, protocols, documentation, funding, compliance, and enforcement issues. Physical areas of responsibility include all locations where AMCOM has real estate, logistics and environmental interests. For all functions identified above, areas of responsibility include installations at Letterkenny Army Depot, Corpus Christi Army Depot, and ACLC at Ft Rucker; AFMAs and their remote sites at Ft Carson, CO; Hunter Army Airfield, GA; Ft Campbell, KY; Ft Bragg, NC; Ft Drum, NY; Ft Bliss, TX; Ft Hood, TX, Killeen, TX; San Angelo, TX; Ft Lewis, WA; TASM Korea; and TASM Germany; OCONUS weapon system service support centers; and numerous other host installations on which AMCOM is a tenant.



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