



## EMS

### Pollution Prevention



## *The Environmental Management System (EMS) of the USAG Ansbach*

The USAG Ansbach implemented an EMS in March 2004, according to the standard ISO 14001. EMS implementation reflects accepted quality management principles based on the “Plan, Do, Check, and Act” model of the ISO 14001 standard to identify goals, implement them, determine progress, and make improvements to ensure continual cohesion between mission and the environment.



As part of the management system, all processes of the garrison, including the military units and tenant organizations were assessed to identify their impact on the environment. These

aspects and impacts were prioritized to determine their significance. For the most significant aspects & impacts the garrison is developing Environmental Programs together with the EMS Cross Functional Team to improve and control these effects. The Environmental Goals for the USAG Ansbach are:

- **Implementation of a Green Procurement Program**
- **Reduce Water Consumption by 2%**
- **Reduce Energy Consumption by 3 %**

Performance of the programs are measured and reviewed quarterly and briefed to senior management. Achievement of these goals will help to save money, to operate more efficiently and ensure the USAG Ansbach Community are better stewards of the environment. EMS is a tool to achieve installation sustainability. It is an organizational approach. It is not an event, but a better business practice. EMS can only be effective if the whole community participates in reaching our goals and reducing our overall impact to the environment.

### Green Tips for Summer

- Fuel your vehicle in the morning or evening - Do not top off. This will help reduce the release of harmful vapors into the air
- Water lawns in the early morning or evening to reduce evaporation
- Leave it long - Longer grass means healthier soil, less weeds, and better water retention
- Cooling off - On hot days close curtains/blinds on south facing side to keep rooms cool.



#### In This Edition:

EMS	1
Water Consumption	1
Environmental Compensation	2
Urinals Sheep Grazing	2

#### Visit our share portal:

- <https://portal.eur.army.mil/sites/IMCOM-E-A/DPW2/EMD/default.aspx>

#### Our EMS Goals for this Year:

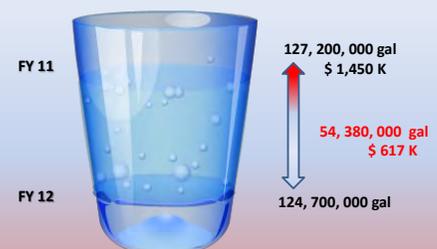
1. **Reduce Energy Consumption by 3%**
2. **Reduce Water Consumption by 2%**
3. **Implement a Green Procurement Program**

## *Environmental Program — Water Consumption*

The USAG Ansbach DPW (Dept. of Public Works) is implementing new technology in our rest rooms to reduce water consumption to meet our EMS target of 2% water reduction. DPW is converting urinals that have a regular flush system to waterless urinals in order to reduce water consumption. Models use a trap insert filled with a sealant liquid instead of water. The lighter-than-water sealant floats on top of the urine collected in the U-bend, preventing odors from being released into the air. Although the cartridge and sealant must be periodically replaced, experts claim the system saves anywhere between 15,000 and 45,000 gallons of water per urinal per year.

### Water Consumption

**GOAL: Reduce 2 % per year**





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## Environmental Compensation for Urlas Development



*Some of the environmental compensation areas (orange) for Urlas development in and around the installation.*

**New homes were created in order to sustain the local populations of lapwing, tree frog, partridge, sand lizard, hazel dormouse, several bat species, and a rare butterfly species**



*Sheep grazing prevents shrub encroachment and promotes sun-loving vegetation. While the sheep love tasty grass, the goats also feed on leaves and woody vegetation.*

Those familiar with the Urlas area might have wondered about signs indicating an “environmental compensation area” in the north of the installation. What’s this about?

In order to avoid that construction creates a significant adverse impact on the local environment, the German Federal Nature Protection Act requires an evaluation of natural resources before an area gets developed. As part of the project planning for Urlas

development, an environmental survey was conducted in 2007 to meet this requirement. It identified the effects and impacts of the new facilities and associated infrastructure on natural resources such as surface waters and wetlands, soil, air and climate, species and their habitats, vegetation, and the general appearance of the landscape including its recreational value. The study also showed how to mitigate and reduce impacts on the environment. In a subsequent planning phase, an environmental compensation concept was prepared to address the remaining impacts on legally protected resources, such as impacts on threatened and endangered species.

Local populations of several species protected by European legislation would be impacted by construction, if not preserved by conservation measures compensating the loss of habitat at the project site. In order to sustain the local popu-

lations of lapwing, tree frog, partridge, sand lizard, hazel dormouse, several bat species, and a rare butterfly new homes were created for these species in the nearby surroundings of the construction site. Numerous shallow ponds were dug out for the frogs, heaps of rocks and wood on sand were built for the lizards, nesting boxes were mounted for bats and fruit trees were planted for the dormouse. Hedges were planted for the partridge and moist grassland was taken out of agricultural use to provide new breeding grounds for the lapwing. Collectively, this is called environmental compensation and was established inside and outside Urlas. These areas are excluded from further development which preserves the newly created habitats.

The picture to the left shows the compensation areas in and around the installation. Details on the individual areas are available at the DPW Environmental Division.

### *The story of sheep and goats at Urlas*

Urlas used to be a training site for tracked vehicles. After the last tanks left Ansbach in the early 1990s, sparsely vegetated land with a very uneven surface remained. What might sound like an environmental problem, actually turned out to be a benefit for nature. The open land soon developed into grassland of high ecological value which has never seen any artificial fertilizers and provides home for many endangered species. But nature doesn't

stop with growing grass. After some time the first shrubs started to overgrow the open land.

At this point in time, the garrison was confronted with a problem. It was decided to keep the area open for troop training purposes and for general accessibility, and also as a conservation measure for rare grassland species. But how do you do this - with no more heavy tactical equipment hampering the upcoming under-

growth? - Mowing is expensive and hardly possible due to the uneven surface. Sheep and goats brought the solution. Sheep grazing is a very environmental friendly and cost-efficient method to prevent shrub encroachment. After coordination with the German Federal Forestry Agency contracts were set up with local shepherds - it proved to be successful and grazing continues today.



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# Environmental News

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### In This Edition:

EPAS  
Energy Awareness  
IEPAS 2012  
Spill Drill 2012

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## Environmental Performance Assessment System (EPAS)

The Environmental Performance Assessment System (EPAS) was developed and implemented in 1991-92 in response to the recommendations made by EPA in 1986. With the Army's development and implementation of Environmental Management Systems (EMS) to comply with Executive Order 13148, 21 April 00 (and its eventual replacement, Executive Order 13423, 26 Jan 07), the expanded EPAS program now includes environmental management performance auditing. The US Army Environmental Command (USAEC) conducts risk-based audits to assess installations with greater environmental risk more frequently, while maintaining an assessment standard for installations with less environmental risk. The EPAS program assists Army commanders in attaining, sustaining, and monitoring compliance with US and Host Nation environmental laws and regulations, as well as DoD and Army compliance and performance requirements. EPAS external and internal multi-media assessments:

- Identify non-compliance with environmental regulations and

non-conformance with the ISO 14001 environmental performance standard (EMS);

- Provide suggestions for both immediate and long-term corrective actions; and
- Indicate resources needed for implementation.

IMCOM-Europe and AEC conduct external EPAS audits at each garrison every 3 years. These audits cover all media areas identified in the Final Governing Standards (FGS), and Host Nation regulations. The scope of the audit includes all tenant operations at the garrison.

Each year, garrisons are to conduct an internal EPAS audit. The audit will assess garrison conformance with the ISO 14001:2004 standard and will assess environmental compliance in media areas and host and tenant operations associated with environmental aspects identified by the garrison as significant.

### Upcoming Events

- Look for our **FREE** 2013 Environmental Calendar available at the end of October.
- Next EQCC is scheduled for 20 Nov 12, 13:30, Von Steuben
- External EPAS will be conducted from 11 – 15 March 2013.

### Save Energy Save Money Save the Environment



Energy Awareness Month 2012



## October — Energy Awareness Month 2012

The heating season has already started, but the weather outside could be beautiful and sunny, so please take a few minutes to review your living and working areas to do your part to conserve energy, encourage others to take action; and join together to save our Garrison's energy bills for these energy savings measures:

- Lowering the thermostat setting at bedtime and before leaving the house reduces your energy consumption without affecting your comfort.
- When away on weekends or on vacation lower/turn off your thermostat.

Temperature in rooms can be controlled via **thermostatic valve on radiators:**

**Position 1 – 2:** low heating

**Position 3:** standard/normal position: equals about 20 degrees C (68 F) for all warm living spaces.

**Position 4:** intended for temporary increased heating (turn back to 2 or 3 afterwards)

**Position 5:** similar as position 4 but higher, return to position 2 or 3 ASAP.

- While windows are open, heat/radiator valves must be turned off (position 0)
- Don't block radiators with furniture etc.
- Open your shades and shutters to let the sunlight in
- Report broken windows, doors or damaged heating systems to DPW right away

And remember -

**THE USE OF ELECTRICAL HEATERS OF ANY KIND ON-POST IS STRICTLY PROHIBITED!**  
Small actions every day add up to big results!

## Army Achievement Medal



SSG Morenonaranjo, Maria – 3-58 AOB, SPC Patton, Sean – 3-58 AOB, SPC Roosen, Nicholas – 3-159 ARB getting their AAM from COL Lawler

Environmental Officers of 3-58 and 3-159 who are responsible for storage and handling of hazardous material/waste in compliance with U.S. environmental regulations and host nation environmental laws at their unit received an Army Achievement Medal for their excellent cooperation with EMD during the iEPAS conducted May to July 2012 .

The internal EPAS 2012 was conducted from May to July by EMD staff to Check compliance with Army Regulations and Directives, Final Governing Standards – Germany (FGS-G) and Army Environmental Policy. Emphasis was put on root cause/ ISO 14001 connection, which evaluates EMS efficiency. The focus of the assess-

## Spill Drill 2012



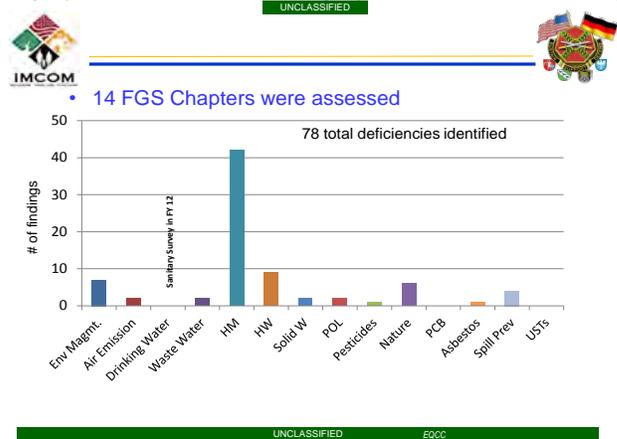
USAG Ansbach Fire Department responding to a “fuel” spill at Shipton

*Do you know what to do in case of a spill?*

During the month of September, the EMD con-

ducted a test of the emergency services with regards to spill response. The 412<sup>th</sup> assisted in setting up a fueling scenario, at the Shipton gas station, in

## Internal EPAS 2012 Outcome



The assessment scope/ result of the internal EPAS 2012

ment was on high risk and repeat findings from our last external EPAS in December 2009, + Region focus issues: HM/HW and Wastewater. As a result, two of the high risk findings of the external EPAS are still open, but no new high risk findings were found. The findings with the potential to become high risk findings during the

next external EPAS were determined in natural resources, air emission, waste water, and hazardous waste. The three top categories of deficiencies related to EMS were in Operational Control, Training, Emergency Procedures, and Roles and Responsibilities.

which a simulated malfunction occurred and “fuel” began to leak onto the ground. The Fire Department was then contacted and responded to the incident. All procedures were evaluated including whether the soldier was aware of emergency numbers, response times of the emergency services, on scene clean-up activities and equipment used.

Our Emergency Services / Hazardous Material Response team are the first responders in case of a spill on the installation and will assist units/ individuals in containing and clean-up a spill. In case of a spill, evaluate the situation before initiating clean-up procedures. Call the Fire Dept. at DSN 117 if the spill is over 1.5 gallons. Safety First!

### Spill Response:

- R**emove the source of the spill (turn off the valve or set the container upright, etc...)
- E**nvelop spill (apply booms and drain covers)
- A**bsorb spill (apply dry sweep and absorbent pads)
- C**ontain the waste (bag the waste and dispose of in the correct drum)
- T**ransmit report \*

\* A reportable quantity is any spill over 5 liters or 1.5 gallons. Contact the EMD to report a spill. The Red Plan has a full list of contact organizations and phone numbers.



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Green Holiday	1
De-icing Methods	1
Engine Idling	1
Recycling Tips	1-2

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### Green Your Holiday!

Green Procurement (GP), also termed (Affirmative Procurement) is the purchase of environmentally preferable products and services. These products are made with recovered materials and are preferred because they conserve resources, create less pollution and waste, or eliminate health and safety risks. The intent of GP is to stimulate recycling by creating a market for new products made from recycled materials, conserving resources, saving energy, saving landfill space, and reducing pollution.

So help out the Garrison EMS program this year by greening your holiday with one of these great ideas:

- \* Give "experience gifts" - museum memberships, music lessons, cooking lessons, etc..
- \* Global giving - adopt an acre/threatened animal
- \* Green gifts - shop for clothing and household products made from recycled or organic materials
- \* Energy Star - purchase new appliances with this label and save all



year!

- \* Be Creative with wrapping those special gifts - use old maps, posters, newspapers or magazines
- \* Give a fruit tree or potted plants/flowers
- \* Go Digital - send electronic greeting cards instead of paper mail
- \* Green Parties - use reusable plates and utensils or when attending a dinner, bring your dish in a reusable container
- \* Time your lights - use a timer on your Christmas lights to save money on your energy bill
- \* Buy energy efficient LED decorative lighting and switch them off during daytime or if you are not at home
- \* Don't leave home without your reusable shopping bags!

Be a part of our Environmental Management System and help us reach our goal of reducing our impact on the environment - while saving time and money!

*Merry Christmas from your Environmental Management Division!*



#### Upcoming Events

- Look for our **FREE** 2013 Environmental Calendar now available at the EMD office or DPW Housing offices
- External EPAS will be conducted from 11 - 15 March 2013.



### It's Winter Time...

Walkways and paths have to be cleaned from snow and ice by the house owner or tenant. Ask your landlord, if this is required while living in your home. Before you start buying buckets of salt, think about the impact salt has on the environment. Too much salt is not only harmful to the surrounding soil and groundwater, but it can also be harmful to your pets. Instead, some alternatives available are using sand or gravel mixture and/or kitty litter. These alternatives still reduce slippery conditions without the negative effects salt has on the environment.



**Don't forget!**  
Idling is prohibited on-post and off-post according to §30 of the German Road Traffic Regulation (StVO) and can be fined with a €10 ticket.



Remember, idling to warm up the car before driving, or to defrost windows is prohibited and may result in a fine. Idling also reduces the overall air quality and wastes fuel.

# RECYCLING TIPS DURING X-MAS

- \* Dispose of wrapping paper in the paper (green) container
- \* Separate plastic and metal cans/alum
- \* Break down cardboard boxes
- \* Keep waste container lids closed!



## Disposal of Christmas Trees

- \* Remove ornaments and decorations before disposing of Christmas tree
- \* If you live on-post: place your tree near your street by 07:30 on 10 Jan and it will be picked-up that day.



## Reuse, Reduce, Recycle

What do you do with Christmas cards, wrapping paper, bows, and other Christmas décor items after the holidays?

### Christmas Cards:

- \* Research ideas for the reuse of Christmas cards: use as post cards, bookmarks, picture frames, or make into Christmas ornaments for next year as gifts

### Wrapping Paper:

- \* Cover shoe boxes to make decorative storage boxes, use as a lining in drawers, or save for next year!

### Ribbons and Bows:

- \* Reuse to dress up gifts such as flowers or a bottle of wine, or use as a fashionable hair accessory. Consider using real ribbon to dress up gifts to extend the longevity even more!

### Home Décor:

- \* Consider donating to goodwill/thrift shop,
- \* use broken pieces of ceramic for mosaic projects or on remodeled walls

**\*\* BE CREATIVE!!!**



## Separation of Recyclables

- Example of Separating Recyclables: Paper/Flattened Cardboard



Plastic items / Milk or Juice Cartons



**WRONG**

- Not Separating Waste results in overflowing trash containers



## USAG Ansbach SORT Guidance



<p><b>Brown container for Food Waste/Organic Material</b> (where available):</p> <ul style="list-style-type: none"> <li>✓ Fruit (peels etc.)</li> <li>✓ Vegetables</li> <li>✓ Coffee grounds</li> <li>✓ Tea / tea bags</li> <li>✓ Egg shells</li> <li>✓ Bones</li> <li>✓ Meat / Fish</li> <li>✓ Kitchen scraps</li> <li>✓ Grass clippings</li> <li>✓ Plants</li> <li>✓ Flowers</li> </ul> <p>Collect material in paper bags or newspapers to soak up moisture</p> <p><b>NO PLASTICS!!</b></p>	<p><b>Silver container for Trash:</b></p> <ul style="list-style-type: none"> <li>✓ Sweepings</li> <li>✓ Animal litter</li> <li>✓ Band-aids</li> <li>✓ Bicycle tubes</li> <li>✓ Arfbeds</li> <li>✓ Brooms, brushes</li> <li>✓ Chewing gum</li> <li>✓ Cigarette butts</li> <li>✓ Diapers, Nappies</li> <li>✓ Tom toilies</li> <li>✓ Old shoes</li> <li>✓ Video tapes</li> <li>✓ Gloves, rubber boots</li> <li>✓ Floor covering</li> <li>✓ Linoleum</li> <li>✓ First aid supplies</li> <li>✓ Regular light bulbs</li> <li>✓ Personal hygiene items</li> </ul>	<p><b>Green container for Paper/Cardboard:</b></p> <ul style="list-style-type: none"> <li>✓ Notebooks/paper</li> <li>✓ Brown paper bags</li> <li>✓ Cardboard rolls</li> <li>✓ Computer paper</li> <li>✓ Cardboard boxes</li> <li>✓ Envelopes</li> <li>✓ Junk mail</li> <li>✓ Legal pads</li> <li>✓ Magazines</li> <li>✓ Books</li> <li>✓ Newspapers</li> <li>✓ Packing paper</li> <li>✓ Cereal boxes</li> <li>✓ Egg cartons</li> <li>✓ Shoe boxes</li> <li>✓ Appliance boxes</li> <li>✓ Manuals</li> <li>✓ Wrapping paper</li> <li>✓ Folders</li> <li>✓ Pizza boxes</li> </ul>	<p><b>Yellow container for Plastics:</b></p> <ul style="list-style-type: none"> <li>✓ Beverage cup lids</li> <li>✓ Beverage cartons</li> <li>✓ Fast Food containers</li> <li>✓ Sandwich containers</li> <li>✓ Candy wrappers</li> <li>✓ Chips bags</li> <li>✓ Ice cream cartons</li> <li>✓ Juice cartons</li> <li>✓ Milk cartons</li> <li>✓ Coffee containers</li> <li>✓ Plastic bags</li> <li>✓ Plastic bottles</li> <li>✓ Saran wrap</li> <li>✓ Wax paper</li> <li>✓ Styrofoam</li> <li>✓ Tooth paste tubes</li> <li>✓ Shampoo bottles</li> <li>✓ Small plastic toys</li> <li>✓ Water bottles</li> </ul>	<p><b>Gray container for Cans/Aluminum:</b></p> <ul style="list-style-type: none"> <li>✓ Aluminum foil</li> <li>✓ Aluminum pans</li> <li>✓ Aluminum pots (crowns)</li> <li>✓ Coffee cans</li> <li>✓ Cookie tins</li> <li>✓ Food cans/tins</li> <li>✓ Metal cans</li> <li>✓ Metal jar lids</li> <li>✓ Pie/pizza tins</li> <li>✓ Cooking trays</li> <li>✓ Scrap metal</li> <li>✓ Soda/Juice cans</li> <li>✓ Coat hangers</li> <li>✓ Nails/ screws</li> <li>✓ Metal hand tools</li> <li>✓ Silverware</li> <li>✓ Small metal furniture parts</li> </ul>	<p><b>Brown-White-Green containers for Glass:</b></p> <ul style="list-style-type: none"> <li>✓ Glass food jars</li> <li>✓ Juice bottles</li> <li>✓ Liquor bottles</li> <li>✓ Soda/Beer bottles</li> <li>✓ Wine bottles</li> <li>✓ Shot glasses</li> <li>✓ Drinking glasses</li> <li>✓ Pickle jars</li> <li>✓ Beer mugs</li> <li>✓ Glass tubes</li> <li>✓ Empty candle jars</li> </ul> <p>➤ Separate empty glass bottles by color!</p>	<p><b>Orange or Beige container for Used Clothes &amp; Shoes:</b></p> <ul style="list-style-type: none"> <li>✓ Used Clothes</li> <li>✓ Beddings</li> <li>✓ Pillows</li> <li>✓ Shoes</li> </ul> <p>➤ All textiles and shoes should be clean and in good condition</p> <p>➤ DO NOT dispose of Military Uniforms in this container! Turn uniforms into CIF.</p>
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**Place Recyclables in the Correct Containers - Trash bags outside the containers will not be picked up!! Improper Recycling/Separation will Result in the Contractor NOT Picking Up Containers!!**

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Recycling Centers are available at Katterbach and at StorkBarracks. For open hours see the SORT brochure, available at the housing office or the Environmental division.



### All Residents:

- Separate recyclables in your kitchen area/place of duty
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- Never put trash next to the dumpsters on the ground
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### OFF Post Residents:

- **PROHIBITED:** to bring trash / bulky items on post for disposal!
- Visit your local German Recycling Center for disposal of bulky items (e. g. furniture)
- Ask your Landlord, the Housing Office or the German Authorities (city hall) where to find the recycling center in your community



## EMS

### Pollution Prevention



## The Environmental Management System (EMS) of the USAG Ansbach

The USAG Ansbach implemented an EMS in March 2004, according to the standard ISO 14001. EMS implementation reflects accepted quality management principles based on the "Plan, Do, Check, and Act" model of the ISO 14001 standard to identify goals, implement them, determine progress, and make improvements to ensure continual cohesion between mission and the environment.



aspects and impacts were prioritized to determine their significance. For the most significant aspects & impacts the garrison is developing Environmental Programs together with the EMS Cross Functional Team to improve and control these effects. The Environmental Goals for the USAG Ansbach are:

- **Implementation of a Green Procurement Program**
- **Reduce Water Consumption by 2%**
- **Reduce Energy Consumption by 3%**

Performance of the programs are measured and reviewed quarterly and briefed to senior management. Achievement of these goals will help to save money, to operate more efficiently and ensure the USAG Ansbach Community are better stewards of the environment. EMS is a tool to achieve installation sustainability. It is an organizational approach. It is not an event, but a better business practice. EMS can only be effective if the whole community participates in reaching our goals and reducing our overall impact to the environment.

As part of the management system, all processes of the garrison, including the military units and tenant organizations were assessed to identify their impact on the environment. These

### Green Tips for Summer

- Fuel your vehicle in the morning or evening - Do not top off. This will help reduce the release of harmful vapors into the air
- Water lawns in the early morning or evening to reduce evaporation
- Leave it long - Longer grass means healthier soil, less weeds, and better water retention
- Cooling off - On hot days close curtains/blinds on south facing side to keep rooms cool.



#### In This Edition:

EMS	1
Water Consumption	1
Environmental Compensation	2
Urinals Sheep Grazing	2

#### Visit our share portal:

- <https://portal.eur.army.mil/sites/IMCOM-E-A/DPW2/EMD/default.aspx>

#### Our EMS Goals for this Year:

1. **Reduce Energy Consumption by 3%**
2. **Reduce Water Consumption by 2%**
3. **Implement a Green Procurement Program**

## Environmental Program — Water Consumption

The USAG Ansbach DPW (Dept. of Public Works) is implementing new technology in our rest rooms to reduce water consumption to meet our EMS target of 2% water reduction. DPW is converting urinals that have a regular flush system to waterless urinals in order to reduce water consumption. Models use a trap insert filled with a sealant liquid instead of water. The lighter-than-water sealant floats on top of the urine collected in the U-bend, preventing odors from being released into the air. Although the cartridge and sealant must be periodically replaced, experts claim the system saves anywhere between 15,000 and 45,000 gallons of water per urinal per year.



# Environmental News

## EMS

## Pollution Prevention



### In This Edition:

EPAS  
Energy Awareness  
IEPAS 2012  
Spill Drill 2012

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## Environmental Performance Assessment System (EPAS)

The Environmental Performance Assessment System (EPAS) was developed and implemented in 1991-92 in response to the recommendations made by EPA in 1986. With the Army's development and implementation of Environmental Management Systems (EMS) to comply with Executive Order 13148, 21 April 00 (and its eventual replacement, Executive Order 13423, 26 Jan 07), the expanded EPAS program now includes environmental management performance auditing. The US Army Environmental Command (USAEC) conducts risk-based audits to assess installations with greater environmental risk more frequently, while maintaining an assessment standard for installations with less environmental risk. The EPAS program assists Army commanders in attaining, sustaining, and monitoring compliance with US and Host Nation environmental laws and regulations, as well as DoD and Army compliance and performance requirements. EPAS external and internal multi-media assessments:

- Identify non-compliance with environmental regulations and

non-conformance with the ISO 14001 environmental performance standard (EMS);

- Provide suggestions for both immediate and long-term corrective actions; and
- Indicate resources needed for implementation.

IMCOM-Europe and AEC conduct external EPAS audits at each garrison every 3 years. These audits cover all media areas identified in the Final Governing Standards (FGS), and Host Nation regulations. The scope of the audit includes all tenant operations at the garrison.

Each year, garrisons are to conduct an internal EPAS audit. The audit will assess garrison conformance with the ISO 14001:2004 standard and will assess environmental compliance in media areas and host and tenant operations associated with environmental aspects identified by the garrison as significant.

## Upcoming Events

- Look for our **FREE** 2013 Environmental Calendar available at the end of October.
- Next EQCC is scheduled for 20 Nov 12, 13:30, Von Steuben
- External EPAS will be conducted from 11 – 15 March 2013.



## October — Energy Awareness Month 2012

The heating season has already started, but the weather outside could be beautiful and sunny, so please take a few minutes to review your living and working areas to do your part to conserve energy, encourage others to take action; and join together to save our Garrison's energy bills for these energy savings measures:

- Lowering the thermostat setting at bedtime and before leaving the house reduces your energy consumption without affecting your comfort.
- When away on weekends or on vacation lower/turn off your thermostat.

Temperature in rooms can be controlled via **thermostatic valve on radiators:**

**Position 1 – 2:** low heating

**Position 3:** standard/normal position: equals about 20 degrees C (68 F) for all warm living spaces.

**Position 4:** intended for temporary increased heating (turn back to 2 or 3 afterwards)

**Position 5:** similar as position 4 but higher, return to position 2 or 3 ASAP.

- While windows are open, heat/radiator valves must be turned off (position 0)
- Don't block radiators with furniture etc.
- Open your shades and shutters to let the sunlight in
- Report broken windows, doors or damaged heating systems to DPW right away

And remember -

**THE USE OF ELECTRICAL HEATERS OF ANY KIND ON-POST IS STRICTLY PROHIBITED!**  
**Small actions every day add up to big results!**

## Army Achievement Medal



SSG Morenonaranjo, Maria – 3-58 AOB, SPC Patton, Sean – 3-58 AOB, SPC Roosen, Nicholas – 3-159 ARB getting their AAM from COL Lawler

Environmental Officers of 3-58 and 3-159 who are responsible for storage and handling of hazardous material/waste in compliance with U.S. environmental regulations and host nation environmental laws at their unit received an Army Achievement Medal for their excellent cooperation with EMD during the iEPAS conducted May to July 2012 .

The internal EPAS 2012 was conducted from May to July by EMD staff to Check compliance with Army Regulations and Directives, Final Governing Standards – Germany (FGS-G) and Army Environmental Policy. Emphasis was put on root cause/ ISO 14001 connection, which evaluates EMS efficiency. The focus of the assess-

## Spill Drill 2012



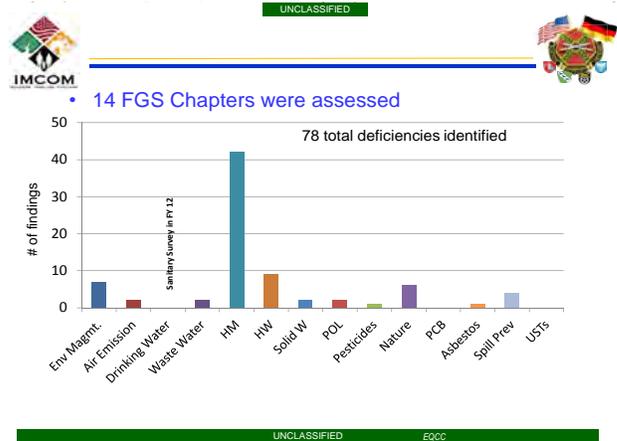
USAG Ansbach Fire Department responding to a “fuel” spill at Shipton

*Do you know what to do in case of a spill?*

During the month of September, the EMD con-

ducted a test of the emergency services with regards to spill response. The 412<sup>th</sup> assisted in setting up a fueling scenario, at the Shipton gas station, in

## Internal EPAS 2012 Outcome



The assessment scope/ result of the internal EPAS 2012

ment was on high risk and repeat findings from our last external EPAS in December 2009, + Region focus issues: HM/HW and Wastewater. As a result, two of the high risk findings of the external EPAS are still open, but no new high risk findings were found. The findings with the potential to become high risk findings during the

next external EPAS were determined in natural resources, air emission, waste water, and hazardous waste. The three top categories of deficiencies related to EMS were in Operational Control, Training, Emergency Procedures, and Roles and Responsibilities.

which a simulated malfunction occurred and “fuel” began to leak onto the ground. The Fire Department was then contacted and responded to the incident. All procedures were evaluated including whether the soldier was aware of emergency numbers, response times of the emergency services, on scene clean-up activities and equipment used.

Our Emergency Services / Hazardous Material Response team are the first responders in case of a spill on the installation and will assist units/ individuals in containing and clean-up a spill. In case of a spill, evaluate the situation before initiating clean-up procedures. Call the Fire Dept. at DSN 117 if the spill is over 1.5 gallons. Safety First!

### Spill Response:

**R**emove the source of the spill (turn off the valve or set the container upright, etc...)

**E**nvelop spill (apply booms and drain covers)

**A**bsorb spill (apply dry sweep and absorbent pads)

**C**ontain the waste (bag the waste and dispose of in the correct drum)

**T**ransmit report \*

\* A reportable quantity is any spill over 5 liters or 1.5 gallons. Contact the EMD to report a spill. The Red Plan has a full list of contact organizations and phone numbers.



# Environmental News

## EMS

### Pollution Prevention



#### In This Edition:

Green Holiday	1
De-icing Methods	1
Engine Idling	1
Recycling Tips	1-2

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#### Our EMS Goals for this Year:

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## Green Your Holiday!

Green Procurement (GP), also termed (Affirmative Procurement) is the purchase of environmentally preferable products and services. These products are made with recovered materials and are preferred because they conserve resources, create less pollution and waste, or eliminate health and safety risks. The intent of GP is to stimulate recycling by creating a market for new products made from recycled materials, conserving resources, saving energy, saving landfill space, and reducing pollution.

So help out the Garrison EMS program this year by greening your holiday with one of these great ideas:

- \* Give "experience gifts" - museum memberships, music lessons, cooking lessons, etc..
- \* Global giving - adopt an acre/threatened animal
- \* Green gifts - shop for clothing and household products made from recycled or organic materials
- \* Energy Star - purchase new appliances with this label and save all



year!

- \* Be Creative with wrapping those special gifts - use old maps, posters, newspapers or magazines
- \* Give a fruit tree or potted plants/flowers
- \* Go Digital - send electronic greeting cards instead of paper mail
- \* Green Parties - use reusable plates and utensils or when attending a dinner, bring your dish in a reusable container
- \* Time your lights - use a timer on your Christmas lights to save money on your energy bill
- \* Buy energy efficient LED decorative lighting and switch them off during daytime or if you are not at home
- \* Don't leave home without your reusable shopping bags!



Be a part of our Environmental Management System and help us reach our goal of reducing our impact on the environment - while saving time and money!

*Merry Christmas from your Environmental Management Division!*

### Upcoming Events

- Look for our **FREE** 2013 Environmental Calendar now available at the EMD office or DPW Housing offices
- External EPAS will be conducted from 11 - 15 March 2013.



## It's Winter Time...

Walkways and paths have to be cleaned from snow and ice by the house owner or tenant. Ask your landlord, if this is required while living in your home. Before you start buying buckets of salt, think about the impact salt has on the environment. Too much salt is not only harmful to the surrounding soil and groundwater, but it can also be harmful to your pets. Instead, some alternatives available are using sand or gravel mixture and/or kitty litter. These alternatives still reduce slippery conditions without the negative effects salt has on the environment.



**Don't forget!**  
Idling is prohibited on-post and off-post according to §30 of the German Road Traffic Regulation (StVO) and can be fined with a €10 ticket.

For Our Air



Remember, idling to warm up the car before driving, or to defrost windows is prohibited and may result in a fine. Idling also reduces the overall air quality and wastes fuel.

# RECYCLING TIPS DURING X-MAS

- \* Dispose of wrapping paper in the paper (green) container
- \* Separate plastic and metal cans/alum
- \* Break down cardboard boxes
- \* Keep waste container lids closed!



## Disposal of Christmas Trees

- \* Remove ornaments and decorations before disposing of Christmas tree
- \* If you live on-post: place your tree near your street by 07:30 on 10 Jan and it will be picked-up that day.



## Reuse, Reduce, Recycle

What do you do with Christmas cards, wrapping paper, bows, and other Christmas décor items after the holidays?

### Christmas Cards:

- \* Research ideas for the reuse of Christmas cards: use as post cards, bookmarks, picture frames, or make into Christmas ornaments for next year as gifts

### Wrapping Paper:

- \* Cover shoe boxes to make decorative storage boxes, use as a lining in drawers, or save for next year!

### Ribbons and Bows:

- \* Reuse to dress up gifts such as flowers or a bottle of wine, or use as a fashionable hair accessory. Consider using real ribbon to dress up gifts to extend the longevity even more!

### Home Décor:

- \* Consider donating to goodwill/thrift shop,
- \* use broken pieces of ceramic for mosaic projects or on remodeled walls

**\*\* BE CREATIVE!!!**



## Separation of Recyclables

- Example of Separating Recyclables: Paper/Flattened Cardboard



Plastic items / Milk or Juice Cartons



**WRONG**

• Not Separating Waste results in overflowing trash containers



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