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# SMS 2012 Annual Management Review



## Sustainability Management System (SMS) 2012 Annual Management Review



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# SMS 2012 Annual Management Review



## Objective

- Top management must review the SMS at planned intervals to ensure its continuing suitability, adequacy and effectiveness. Top management includes the Garrison Commander who has overall authority and responsibility for development, implementation and maintenance of the SMS.
- Management Reviews will be held during an EQCC.
- Minutes of the Management Review will be included in the EQCC minutes and maintained as such.



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# SMS 2012 Annual Management Review



## Agenda

- ✓ Evaluations of Compliance with Legal and other Requirements
- ✓ Installation Environmental Performance

Changing Circumstances/Environmentally-Related Legal Developments

Environmental Communication/Complaints from External Interested Parties

Internal EPAS & SMS Assessment Results

Status of Corrective and Preventive Actions

Recommendations for Improvement

Status of Objectives and Targets

Review of Sustainability Policy



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# Changing Circumstances



## Environmentally Related Legal Developments

### New/Changing Regulations

- Proposed National Emissions Standards for Hazardous Air Pollutants
  - New rule would increase regulatory emission standards for the wood-fired boiler at the Fort Stewart Central Energy Plant.

### Update on Legal Developments

- General Permit No. GAR050000 for Stormwater Discharges Associated with Industrial Activities
  - Replacement for permit # GAR000000 of 2006, which expired on 31 JUL 11. 2006 permit continues in force until new permit becomes effective on 1 JUN 12.
  - FS/HAAF will have until 1 JUL 12 to submit a 2012 Notice of Intent to obtain coverage under the new permit.



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# Environmental Communication



## Complaints from External Parties

Type	Response
Noise	4 Noise complaints received and PAO responded to IAW Noise SOP, all in a timely manner and to the satisfaction of the customers.
Smoke	Number of Smoke advisories are communicated via Marne Blasts, Marne TV, Frontline articles, etc., to minimize public complaint.



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## Internal Assessments



### Environmental Performance Assessment Survey (EPAS) and SMS Assessment

- Annually we evaluate: (1) the conformance of our SMS to the International Organization for Standardization (ISO) 14001 Standard for Environmental Management Systems, and (2) environmental compliance of our highest risk media areas.
- 19-23 MAR 12, Internal EPAS and Internal SMS Assessment conducted.
- Included document reviews, inspections and random interviews with Installation personnel.
- External EPAS will be conducted 5-9 NOV 12!



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# Internal EPAS & SMS Assessment



- Sustainability Management System (SMS)
- Wetlands
- Air Quality
- Solid Waste
- Petroleum, Oil and Lubricants (POLs)
- National Environmental Policy Act (NEPA)
- Water Quality
- Wastewater
- Toxic Substance Control Act (TSCA)
- Operational Noise
- Remediation
- Hazardous Waste
- Hazardous Materials
- Storage Tanks
- Pest Management
- Natural Resources
- Stormwater
- Cultural Resources Mgmt (CRM)



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# Internal EPAS & SMS Assessment



## Findings Categories

- **Class I:** Noncompliance with existing Federal, State or local regulation, or noncompliance with future regulatory requirement (effective within next 6 months).
- **Class II:** Noncompliance with future regulatory requirement (effective in 6 months to 2 years).
- **Class III:** Noncompliance with Army/DoD regulation, SOP, or guidance, or inconsistent with good management practice.
- **Positive:** Above and beyond regulatory requirements.
- **Observation:** Not out of compliance with any regulation at this time, but indicates an opportunity for improvement.
- **Nonconformance:** Failure to develop, implement and/or maintain an ISO 14001 or Sustainability requirement. System Failure.
- **System Weakness:** Failure to implement an ISO 14001 requirement or SMS requirement as stated in SMS documentation, or failure to address a minor portion of a requirement. Isolated instance or incident.



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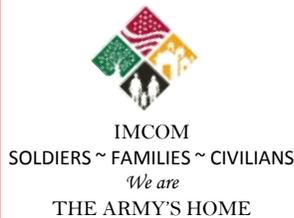
# Internal EPAS & SMS Assessment



## Summary

	CLASS I	CLASS II	CLASS III
Water Quality	5	0	1
Wastewater	4	0	1
Hazardous Waste	4	0	1
Stormwater	3	0	4
Petroleum, Oils, Lubricants	3	0	1
Solid Waste	1	0	1
Pest Management	1	0	1
Storage Tanks	0	1	0
Toxic Substance Control Act	0	0	2
Remediation	0	0	2
Hazardous Materials	0	0	1
Cultural Resources Management	0	0	1
<b>TOTAL</b>	<b>21</b>	<b>1</b>	<b>16</b>

*No findings identified in Air Quality, Noise, NEPA, SMS, Wetlands, or Natural Resources.*



# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### 21 Class I Findings

- **Water Quality (5)** - Failure to perform annual inspection on Backflow prevention devices, failure to implement Flushing Plan, failure to maintain equipment used for safe drinking water distribution, and failure to maintain water well facilities and ensure adequate security.
- **Wastewater (4)** - Exceeded permit limitations at FS IWTP and HAAF WWTP, failure to maintain equipment used for wastewater treatment and to ensure implementation of wastewater best management practices.
- **Hazardous Waste (4)** - MSDS not maintained in areas of HM/HW handling, HW requirements not maintained, spill kits not maintained, and administrative records not maintained.
- **POLs (3)** - Facility Response Plan not updated, broken valve on secondary containment, and trash in tank fill ports.
- **Stormwater (3)** - Acceptable soil stabilization methods not maintained and construction sites, industrial erosion & sedimentation plan not maintained and administrative records not maintained.
- **Pest Mgmt (1)** - Contract personnel do not have required nuisance wildlife permit.
- **Solid Waste (1)** - Methane exceedances at the FS sanitary landfill.



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# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### 1 Class II Finding

- **Storage Tanks (1)** - AAFES personnel lack GA required training and certification. S: AUG 12

### 16 Class III Findings

- **Stormwater (4)** - Storm drain covers needed at POL island and units not maintaining copies of stormwater pollution prevention plan.
- **TSCA (2)** - Hazard management plans not updated or distributed.
- **Remediation (2)** - In-house procedures for recordkeeping not maintained.
- **Wastewater (1)** - Housekeeping concerns at Camp Oliver and Evans LAS.
- **Hazardous Waste (1)** - Unit environmental SOPs and ECO training not maintained and current.
- **Water Quality (1)** - Chlorine fan inoperable.
- **CRM (1)** - Appointment of Cultural Resources Manager needed and ICRMP finalization.
- **POLs (1)** - No drip pans under vehicles, small spills not cleaned up, spill SOPs.
- **Solid Waste (1)** - Installation recycling policy requirements not maintained.
- **Pest Management (1)** - Army required QAE certification for Pest Management is expiring soon.
- **HM (1)** - Hazardous Material Mgmt Plan needs to be updated.



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# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### Hazardous Materials

- Hazardous Materials should be stored in approved locations.
- Flammable items must be stored in flammable lockers.
- Keep Material Safety Data Sheets for all Hazardous Materials used. **READ THEM!!**
- Check labels on chemical containers.



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# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### Petroleum, Oils, Lubricants



Keep tank secondary containment and fill ports clean. Failure to do so could cause spills.



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# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### Stormwater

When it rains, pollutants from small spills can get into our storm drains and be carried to nearby creeks and rivers.



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# Internal EPAS & SMS Assessment



## Status of Corrective/Preventive Actions

### Hazardous Waste



Ensure spill kits are refilled after a spill response.



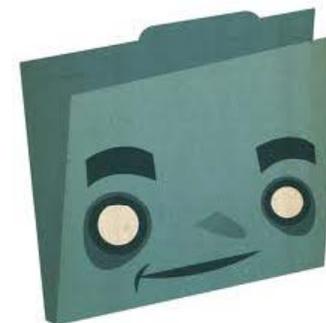
Seal Containers of HW



Dispose of all HW properly

### Missing Records

Contact DPW Environmental at 912-767-1228 if you have questions or need assistance!!!



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# Environmental Assessor Assignments



Ray Lancia (767-6126)	Clifton Jefferson (767-5218)	Derrick Smith (767-5812)	Rodney Wilmore (315-4736)
1 BCT - All Battalions	2BCT - All Battalions	4BCT All Battalions	AVN Bde All Battalions
366 Chem	92 EN	Base Ops	260 QM BN
PROVISIONAL (EOD) BN	87 CSB	DHHB 3 ID	1-75 IN (Ranger) 603 ASB
Purge Facility	3 SB	15 ASOS	224 MI
HAZMART	92 Chem	188 IN BDE (TNG)	3-160th
Forestry	Golf Course (FS/HAAF)	224 MI (A Company)	USCG
Fish & Wildlife	AAFEES (FS/HAAF)	385 MP	USMCR
CEP/IWWTF	Outdoor Rec (FS/HAAF)	DOL Maint, Supply, ASP (FS)	117 ACS
GG MATES ORG	Commissary (FS/FAAF)	WAAF ( Base Ops/ Fuel Ops)	AASF #3 (GaARNG)
GG MATES DS	Shoppettes (FS/HAAF)	Lockheed Martin (DOL)	DOL Maint, Supply, ASP (HAAF)
Processing Station	Car Care Center	DPW TFW	GOCO (Fuel Ops)
FMS	Auto Craft (FS/HAAF)	RTS-M	DPW TFW (HAAF)
175/874 ENG	Truscott Air Terminal	Canoochee Power (FS)	L3 (AMCOM)
Lockheed Martin (HUB)			Canoochee Power (HAAF)

## Recycling Compliance Assessors: Yvonne Smith & Roosevelt Motley (767-2188)

RCP Course Dates:

- 27 JUN 12
- 25 JUL 12

ECO Course Dates:

- 20-24 AUG 12
- 3-7 DEC 12

Additional Courses by Appointment:

- Hazardous Materials/Hazardous Waste Handlers
- Fuel Handlers



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<https://intra.stewart.army.mil/garrison/dpw/Pages/DPWEnvironmental.aspx>

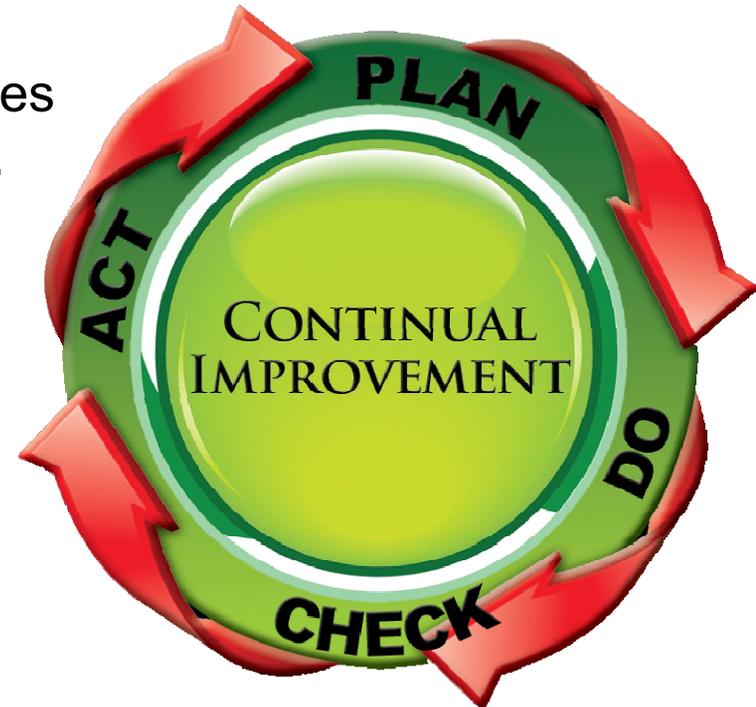


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# Recommendations for Improvement



- Provide status of our sustainability objectives and targets on the Environmental website.
- Develop/execute training letter to require 3<sup>rd</sup> ID to take video training.



For more information about the Installation's Sustainability Management System, please view our training video at <http://stewdpwa401/smsquiz/>.



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## Good News

### Training Lands PAT



- Road Hardening projects.
  - DPTMS & DPW partnership to renovate some tank trails.
  - Results in trafficable access routes to critical training facilities.
  - Reduces floodwater impacts to access routes.
- RCW Population Now Exceeds 350 Potential Breeding Groups
  - Anticipate de-protecting more clusters this year.
  - Results in fewer restrictions for maneuver training.



Before



After



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## Good News



### Procurement, Materials & Resources PAT

- So far in FY12, 75% of the copy paper bought on the Installation has met EO 13514's requirement to contain at least 30% postconsumer fiber.
- As a result of a Lean Six Sigma/pollution prevention project, DOL has reduced blast media disposal by 92% from 2006 to 2011.
- Mission and Installation Contracting Command confirmed that 99% of contracts include the FAR 23 clauses that address the sustainable acquisition requirements laid out in EO 13514.
- E-cycling program has recycled 6,700 pounds of electronics so far in FY12.





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## Good News

### Infrastructure & Environment PAT



- Fort Stewart's Lower Floridan Aquifer well and Reverse Osmosis Plant is now in operation, allowing us to sustain our local water supply – helping to reduce the impact on the region's saltwater intrusion problem.
- Chip & Haul project yielded over 12,000 tons of wood chips in FY12.
- Have installed 191 high-efficiency building circulation pumps, which reduce power required by existing pumps by 70%.



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# SMS 2012 Annual Management Review



**Remember: The Real Reasons for SMS are to . . .**



- Eliminate/reduce environmental impacts and community concerns.
- Reduce operating costs by conserving resources & reducing waste.
- Continually improve Fort Stewart/Hunter Army Airfield.

- Conserve Resources & Prevent Pollution;
  - Optimize the Mission, Well-being and Environment;
- SMS Policy Review**
- Comply with federal, state, local laws and regulations;
  - Strive to continually improve environmental stewardship.

<b>R</b>	<b>RESOURCES</b>	Pollution Prevention <b>P2</b> Natural Resources
<b>O</b>	<b>OPTIMIZE</b>	MISSION WELL-BEING — ENVIRONMENT
<b>C</b>	<b>COMPLIANCE</b>	
<b>K</b>	<b>KEEP IMPROVING</b>	
<b>OF THE MARNE</b>	<i>Sustainable Fort Stewart/ Hunter Army Airfield</i>	

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