Mountain Home Air Force Base

Environmental Management System (EMS) General Awareness Training

366 CES/CEAN
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This briefing is: UNCLASSIFIED
What is an EMS?

• A management system for environmental programs that drives continuous improvement
• Facts & Characteristics
  – Everyone has a role in the Environmental Management Systems
  – EMS use a “Plan, Do, Check, Act” management approach
  – EMS focuses on continuous improvement
  – Management uses EMS for focusing resources
  – EMS is the tool for accomplishing the core goals of mission sustainability, pollution prevention and environmental compliance
EMS Drivers

• Air Force was required by Executive Order to align existing environmental management programs to a standardized management system
  – “System” in this case is not a computer system; but a management structure or framework

• Specific references:
    • “Agency heads…implement within the agency environmental management systems (EMS) at all appropriate organizational levels”
    • Requires conformance with ISO standard or equivalent
      ➢ AFI 32-7001 – *Environmental Management*, pending approval
Why is EMS important to the Air Force?

- Enables AF to identify goals & ensure continual improvement
- Reduce environmental impacts in day-to-day operations
- Proactive management can result in cost savings
- Ensures funds and manpower are focused on highest risks
- Provides consistency during personnel turnover
- ISO 14001 conformance
What do you need to know about EMS?

- MHAFB environmental policy
- The environmental impacts of your job & the requirements you need to follow to stay in compliance with the law
- How your organization supports the environmental goals of the installation
- Who to contact if you have a question (EMS Program Manager)
What forms the basis of MHAFB EMS?

• Environmental Aspects
  • Activities, products or services that can interact with the environment.
    • Significant Environmental Aspects - an environmental aspect that has or can have a significant environmental impact.

• Environmental Impacts
  • Any change (complete or partial) to the environment (good or bad) resulting from the AF’s functional mission or activities.
### MHAFB Significant Aspects and Impacts

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<th>Aspect</th>
<th>Impact</th>
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<tr>
<td><strong>1. Aboveground Storage Tank Deficiencies</strong></td>
<td>Storm Water Contamination&lt;br&gt;Soil Contamination&lt;br&gt;Ground Water Contamination</td>
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<td><strong>2. Drinking Water Supply – Nitrate Exceedances</strong></td>
<td>Health risks for elderly and infants&lt;br&gt;Potential enforcement action from regulatory agencies from drinking water contamination</td>
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EMS Targets & Objects

• Developed by each installation to address top-ranked environmental issues
• Designed to reduce risk, pollution, compliance burden, cost
• MHAFB Current Targets:
  • Determine causes for nitrate exceedance and identify corrective actions.
  • Identify short and long term corrective actions to bring all aboveground storage tanks to compliance.
All Personnel’s Roles and Responsibilities

- Know MHAFB’s environmental policy
- Recognize the environmental impacts of your job
- Know if your organization/company is responsible for achieving any environmental targets and objectives
- Identify and correct problems
- Reduce environmental footprint
- Suggest ways to improve
All Personnel’s Roles and Responsibilities

• Professional/Technical Personnel
  • Use solvents that are less volatile
  • Recycle shop towels
  • Properly segregate wastes
  • Follow all required Federal, State, and local regulations to stay in compliance

• Administrative Personnel
  • Use duplex printing when printing documents
  • Focus on electronic copies instead of hard copies
  • Turn off monitors at night

• Everyone
  • Carpool
  • Recycle
  • Turn off lights
If you have any questions, please contact:

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