



Environmental Management System (EMS)



EMS is required by Executive Order 13423 “Strengthening Federal Environmental, Energy, and Transportation Management”



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EO 13423 & EMS Mission

- Implement EMS at all appropriate organizational levels to ensure use of EMS as the primary management approach for addressing environmental aspects of internal agency operations and activities.
- In addition to the EMS requirement, the EO sets performance goals in the following areas in advancing the nations energy security and environmental performance.
 - Vehicles
 - Building Performance
 - Petroleum Conservation
 - Water Conservation
 - Alternative Fuel Use
 - Procurement
 - Energy Efficiency
 - Pollution Prevention
 - Greenhouse Gases
 - Electronics Management
 - Renewable Power

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“EMS Pamphlet Highlights”

- Fort Meade Environmental Policy
- EMS Objectives & Targets
- EMS Awareness Training
- Organization’s Environmental Officers
- More information at:
www.fortmeade-ems.org
 DPW Environmental Division (301) 677-9648



What is wrong in these pictures?



Recyclable cardboard box in the regular trash dumpster

Recyclable plastic bottle in the regular trash dumpster



Recyclable soda can in the trash





Fort Meade EMS Objectives & Targets “Recycling”

- Objective 1(a): Reduce Solid Waste going to municipal landfills
 - Target: Increase recycling rate to 50% of general waste by the end of FY 2011
- Objective 1(b): Reduce Construction & Demolition (C&D) debris going to municipal landfills
 - Target: Increase recycling rate to 50% of all C&D debris by the end of FY 2011



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What the Installation is doing!

- Increasing recycling awareness
 - Outreach education activities
 - Displays at post activities
 - EMS awareness training
 - Soundoff articles; Factsheet/pamphlet; Post Master
- Providing resources for recycling
 - Recycling Center
 - Recycling pickup
 - Recycling staff
 - Recycling containers
- Assessing recycling collection locations
- Recycling C&D debris from construction projects
- Monitoring & measuring tonnage quarterly



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What you can do?

- Recycle where you work and play on Fort Meade.
- Request recycling containers for your workplace.
- Request recycling containers for meetings, conferences, celebrations, change of command, sporting events, etc.
- Ensure recyclable materials are directed to an appropriate container.
- Tell your Environmental Officer/Supervisor when you see problems or opportunities to improve recycling.
- Encourage others to recycle.



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Why should we recycle?

- Recycling is a **required Army program**.
- We pay for every pound of trash we send off-post to a landfill. In FY 08 we disposed 3,871 tons of solid waste costing \$306,095
- We sell every pound of recyclables that we collect. In FY08 we recycled 2533 tons of recyclables earning \$62,355 and avoiding \$169,520 in additional disposal cost for a total cost avoidance of \$231,875
- Recyclables are reused by industry to produce new products without the need to utilize natural resources.
- Recycling saves limited space available in landfills and avoids disposal costs.

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Is this our future?



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EMS Objective & Target "Transportation"

- Objective: Reduce vehicle emissions and fossil fuel consumption by reducing single occupant vehicles (SOVs) passing through Fort Meade Gates during morning and afternoon rush hours.
- Targets: Achieve 10% decrease in SOVs prior to BRAC arrival in Sep 2011 from Jan 2009 levels

(Jan 09 baseline data 91% SOVs, 9% car/vanpools)

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What the Installation is doing?

- Offering Transportation Incentive Program (up to \$230 per month) & free shuttle service between Fort Meade & Odenton Train Station
- Encouraging employees to carpool, vanpool and take mass transit
- Providing Federal employees alternate work schedules
- Advertizing transportation alternatives
 - Publishing Soundoff articles; distributing fact sheet/ pamphlet; EMS awareness training
- Monitoring & measuring transportation network
 - Coordinating with Installation Internal Transportation Group to ensure continuous improvement.

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What you can do?

- Utilize Transportation Incentive Program (up to \$230 per month) & free shuttle service between Fort Meade & Odenton MARC Train Station
- Carpool, vanpool, take mass transit, bike or walk to work
 - Go to FMWR ride sharing web site to post classified ads to find a carpool partner? (<http://www.ftmeademwr.com/>)
- Utilize alternate work schedules
- Educate others about alternate transportation opportunities



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Why seek alternatives to SOVs?

- Save money on fuel
- Reduce road congestion & save commute time
- Reduce air pollution
- Reduce vehicle “wear & tear”
- Reduce roadway degradation and save tax payers money.
- For mass transit riders
 - Relax, read, surf net, catch up on email or sleep

