

Department of Defense
Environmental Management System Status Report for Fiscal Year 08
Pursuant to Executive Order 13423
*Strengthening Federal Environmental, Energy,
and Transportation Management*

Introduction

This Report provides a summary of the progress of Department of Defense facilities and organizations in implementing the Environmental Management System (EMS) requirements of Executive Order (EO) 13423. In addition to the tabulation of EMS responses, the Report contains an extensive summary of responses to the narrative questions on Department of Defense experiences with EMS implementation. The report was prepared in accordance with the guidance provided in the letter from the Federal Environmental Executive to Agency Senior Officials, dated 15 September 2008.

I. Appropriate Facilities/Organizations.

a. Number of EMS “Facilities/Organizations”.

The total number of EMS “facilities/organizations” responding to the FY08 metrics is 452 (388 United States [US] and 64 overseas facilities).

The total number of EMS “facilities/organizations” identified after the date of the signature of EO 13423 is 0.

The following table describes changes to the Department’s “Appropriate Facilities” list occurring since the 2007 EMS report submission.

Facility/Organization Name	Description of Change
None	Added to list – newly identified facility EMS
1. Southeast, NAS Atlanta 2. CNRE, JMF ST MAWGAN UK 3. CNRK, CNFK DET POHANG 4. IMCOM – Reserves, 63RD RRC – CALIFORNIA 5. IMCOM – Reserves, 65TH RRC - PUERTO RICO 6. IMCOM – Reserves, 70TH RRC – WASHINGTON 7. IMCOM – Reserves, 77TH RRC - NEW YORK 8. IMCOM – Reserves, 81ST RRC – ALABAMA 9. IMCOM – Reserves, 88TH RRC – MINNESOTA 10. IMCOM – Reserves, 89TH RRC – KANSAS 11. IMCOM – Reserves, 90TH RRC – ARKANSAS	Removed from list – facility is now closed

12. IMCOM – Reserves, 94TH RRC – MASSACHUSETTS 13. IMCOM – Reserves, 96TH RRC – UTAH 14. IMCOM – Reserves, 99TH RRC – PENNSYLVANIA 15. IMCOM – EURO, US ARMY GARRISON – HESSEN 16. ANG, Richmond	
1. Southwest, CNRSW METRO NATURAL AND CULTURAL RESOURCES 2. NDW, NSA NORTH POTOMAC 3. NDW, NSA ANNAPOLIS 4. NDW, NSA SOUTH POTOMAC 5. NDW, NAS PATUXENT RIVER 6. Mid-Atlantic, PHILADELPHIA NAVAL BUSINESS CENTER 7. Mid-Atlantic, NAVSUPACT PHILADELPHIA	Removed from list – Consolidated under an organizational EMS as described in line below
None	Added to list – newly identified facility/organization EMS

II. Environmental Management System Scorecard Metrics.

Based on facility/organization responses to *Part II EMS Scorecard Metrics*, Department of Defense facilities/organizations scored as follows:

US Appropriate Facilities/Organizations

Score	Number of Facilities/Orgs*	Percent of Facilities/Orgs*
Green	125	32%
Yellow	138	36%
Red	125	32%

*Include **only** those EMSs that were identified prior to signature of EO 13423 (January 24, 2007) and/or those identified prior to signature of EO 13423 that have since been consolidated into an organizational EMS.

Overseas Appropriate Facilities/Organizations

Score	Number of Facilities/Orgs*	Percent of Facilities/Orgs*
Green	19	30%
Yellow	32	50%
Red	13	20%

*Include **only** those EMSs that were identified prior to signature of EO 13423 (January 24, 2007) and/or those identified prior to signature of EO 13423 that have since been consolidated into an organizational EMS.

DoD Total Appropriate Facilities/Organizations

Score	Number of Facilities/Orgs*	Percent of Facilities/Orgs*
Green	144	32%
Yellow	170	38%
Red	138	30%

*Include **only** those EMSs that were identified prior to signature of EO 13423 (January 24, 2007) and/or those identified prior to signature of EO 13423 that have since been consolidated into an organizational EMS.

III. Environmental Management System Effectiveness Questions.

a. Responses to Questions on the Benefits of EMS on the Facility/Organization.

US Appropriate Facilities/Organizations

	Reduced risk to facility/organization mission	Improved fiscal efficiency or cost avoidance	Greater understanding of environmental issues at all levels of the organization	Greater empowerment of individuals to contribute to improving the organization's environmental footprint	Greater integration of environment into organizational culture or operations	Greater integration of environment into real property asset management	Improved community relations	Improved effectiveness in overall mission	Improved cooperative conservation with other groups
A great deal	49	78	25	43	33	78	108	65	91
Quite a bit	100	114	76	97	107	97	98	122	96
Somewhat	139	98	136	121	123	102	80	114	93
A little bit	57	53	83	78	67	49	38	45	47
Not at all	18	13	42	23	30	16	19	17	20
Does not apply	25	32	26	26	28	46	45	25	41

Overseas Appropriate Facilities/Organizations

	Reduced risk to facility/organization mission	Improved fiscal efficiency or cost avoidance	Greater understanding of environmental issues at all levels of the organization	Greater empowerment of individuals to contribute to improving the organization's environmental footprint	Greater integration of environment into organizational culture or operations	Greater integration of environment into real property asset management	Improved community relations	Improved effectiveness in overall mission	Improved cooperative conservation with other groups
A great deal	11	14	4	11	8	16	16	12	16
Quite a bit	16	17	11	15	12	21	9	19	15
Somewhat	18	17	22	19	18	9	21	17	14
A little bit	11	8	15	9	13	9	11	10	9
Not at all	4	4	8	6	9	4	2	2	5
Does not apply	4	4	4	4	4	5	5	4	5

DoD Total Appropriate Facilities/Organizations

	Reduced risk to facility/organization mission	Improved fiscal efficiency or cost avoidance	Greater understanding of environmental issues at all levels of the organization	Greater empowerment of individuals to contribute to improving the organization's environmental footprint	Greater integration of environment into organizational culture or operations	Greater integration of environment into real property asset management	Improved community relations	Improved effectiveness in overall mission	Improved cooperative conservation with other groups
A great deal	60	92	29	54	41	94	124	77	11
Quite a bit	116	131	87	112	119	118	107	141	10
Somewhat	157	115	158	140	141	111	101	131	16
A little bit	68	61	98	87	80	58	49	55	13
Not at all	22	17	50	29	39	20	21	19	12
Does not apply	29	36	30	30	32	51	50	29	52

b. Responses to Questions on the Benefits of EMS on Environment and Environmental Issues.

US Appropriate Facilities/Organizations

	Improved overall compliance management	Improved overall personnel health and safety	Improved overall pollution prevention	Improved water quality	Improved air quality	Improved hazardous material management	Improved hazardous waste management	Improved solid waste management	Improved conservation of natural resources	Improved conservation of energy in facilities	Improved conservation of fuel in vehicles	Improved conservation of water	Reduced number of permits needed to operate
A great deal	42	93	52	96	108	67	58	81	97	96	146	121	216
Quite a bit	86	106	105	98	94	87	89	91	96	82	82	99	45
Somewhat	128	96	104	89	89	107	117	95	99	109	74	79	35
A little bit	79	44	78	55	42	70	63	64	46	46	28	34	21
Not at all	25	14	22	12	16	29	33	25	12	15	11	15	6
Does not apply	28	35	27	38	39	28	28	32	38	40	47	40	65

Overseas Appropriate Facilities/Organizations

	Improved overall compliance management	Improved overall personnel health and safety	Improved overall pollution prevention	Improved water quality	Improved air quality	Improved hazardous material management	Improved hazardous waste management	Improved solid waste management	Improved conservation of natural resources	Improved conservation of energy in facilities	Improved conservation of fuel in vehicles	Improved conservation of water	Reduced number of permits needed to operate
A great deal	9	15	6	14	22	10	11	14	15	11	22	22	22
Quite a bit	13	15	17	11	12	11	9	12	13	17	14	16	5
Somewhat	17	20	18	17	13	17	20	13	20	18	10	13	2
A little bit	15	6	13	8	4	16	14	17	5	10	4	5	0
Not at all	6	3	6	2	3	3	6	3	4	3	2	3	2
Does not apply	4	5	4	12	10	7	4	5	7	5	12	5	33

DoD Total Appropriate Facilities/Organizations

	Improved overall compliance management	Improved overall personnel health and safety	Improved overall pollution prevention	Improved water quality	Improved air quality	Improved hazardous material management	Improved hazardous waste management	Improved solid waste management	Improved conservation of natural resources	Improved conservation of energy in facilities	Improved conservation of fuel in vehicles	Improved conservation of water	Reduced number of permits needed to operate
A great deal	51	108	58	110	130	77	69	95	112	107	168	143	238
Quite a bit	99	121	122	109	106	98	98	103	109	99	96	115	50
Somewhat	145	116	122	106	102	124	137	108	119	127	84	92	37
A little bit	94	50	91	63	46	86	77	81	51	56	32	39	21
Not at all	31	17	28	14	19	32	39	28	16	18	13	18	8
Does not apply	32	40	31	50	49	35	32	37	45	45	59	45	98

IV. Questions on Environmental Management System Experiences

a. EMS BENEFITS/SUCSESSES.

- Increased organizational and individual awareness, and understanding of environmental consideration.
- Improved installation compliance.
- Improved relationship with State environmental regulators and increased environmental awareness among employees.
- Reduced water usage by 42%, and 83% total solid waste recycling rate for FY2006/2007.

b. BEST PRACTICES.

- Environmental procedures and policies are documented in a standard format and are easily accessible.
- Online training is the most efficient way to reach entire work force.
- Leverage the synergy between EMS and the sustainability efforts to connect to a broader audience and continue striving to improve.
- Senior management support and interest is crucial to a successful EMS.
- Use objectives/targets process to define gaps in organization's management structure, not just for EMS.

c. LESSONS LEARNED.

- Reduce the number of objectives and targets to provide management focus for the most critical, time-sensitive, environmental aspects and vital management concerns.
- Root cause analysis of nonconformances is crucial (do not just fix the finding, fix the root of the problem).
- Access to leadership is crucial to have an effective EMS that can direct resources within critical time constraints.
- Lateral flow of information is just as important as flow up and down the chain of command.

d. EMS IMPLEMENTATION CHALLENGES.

- EMS is perceived as an environmental program versus an installation-wide program management system.
- Limited personnel resources, personnel turnover, unit deployment, and lack of time due to workload are all challenges associated with implementing EMS and the ability to engage and maintain full participation from all organizations.

- Need more support from senior leadership and participation from other organizations for continual success and improvement in implementing EMS.
- BRAC'd organization change presents immense challenges and uncertainties. An organization can rarely see its end state clearly when it starts change in mission, material, and personnel assets.
- Challenge to implement on large installations that have multiple processes which the environmental staff does not control.

e. EMS BENEFITS TO AGENCY MISSION.

- Improved relations with regulators.
- Greater awareness of EMS and the need to implement environmental stewardship as individuals and organizations throughout the installation.
- Less cost in the future associated with fuel and energy due to efficiency upgrades.
- Improved communication of environmental program requirements and status to management staff has created increased support for implementing changes, which has improved the program's efficiency.
- Improved overall environmental compliance management and conservation of natural and cultural resources.