

## DOE 2006 EMS Scorecard Metrics Reporting

Under Secretary / PSO /-Administration	Site	Environmental Aspects	Goals, Objectives, and Targets	Operational Controls	Environmental Training	Contracts	EMS Audit / Evaluation Procedures	Management Review	SITE SCORE	Last Audit/Eval yy/mm/dd	Other Recognition	ISO 14001 ?
ESE/CRWM	Yucca	D	D	C	D	C	D	D	G	05/12/02		N
ESE/EERE	NREL	D	C	D	D	C	B	A	O		State	N
ESE/EM	Paducah	B	D	B	B	C	A	B	R			N
ESE/EM	Hanf-River Corr.	C	D	C	D	D	B	B	O		NEPT	N
ESE/EM	Idaho-AMWTF	D	D	D	D	C	D	D	G	06/08/30		N
ESE/EM	Portsmouth	C	D	D	D	D	D	D	G	06/08/14		N
ESE/EM	ETTP	D	D	D	D	C	C	D	G	05/11/11		N
ESE/EM	Hanf-Centr Plat	C	D	D	D	C	C	D	G	05/09/15		N
ESE/EM	Hanford-ORP	D	D	C	D	D	D	D	G	06/03/10		N
ESE/EM	ID Cleanup Proj	D	D	D	D	D	D	D	G	06/12/12		Y
ESE/EM	Savannah River	D	D	D	D	D	D	D	G	05/12/31		N
ESE/EM	West Valley	D	D	D	D	D	D	D	G	05/12/15		N
ESE/EM	WIPP	D	D	D	D	C	D	D	G	06/09/30		N
ESE/FE	RMOFTC	B	C	B	D	C	B	B	R	05/09/21		N
ESE/FE	NETL-Albany	D	D	D	D	D	D	D	G	06/11/16		Y
ESE/FE	NETL-Pitts/Morg	D	D	D	D	D	D	D	G	06/04/14		Y
ESE/FE	SPRO	D	D	C	C	D	D	D	G	06/09/21	NEPT; state	Y
ESE/LM	Legacy Mgt	D	D	B	C	D	D	D	G	06/06/01		N
ESE/NE	INL	D	D	D	D	D	D	D	G	05/10/31		Y
MA	DOE HQ	C	D	B	B	A	A	A	R			N
NNSA/DP	LLNL	C	C	C	C	B	D	C	O	05/11/14		N
NNSA/DP	Sandia	D	C	B	C	A	D	D	O	06/09/15		Y
NNSA/DP	Kansas City	D	C	D	D	D	D	D	G	06/04/28	VPP*; fNEPT	Y
NNSA/DP	LANL	D	C	D	D	C	D	D	G	06/10/26	DOE STAR Award	Y

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NNSA/DP	Nevada	C	D	D	D	C	D	C	G	06/12/12		N
NNSA/DP	Pantex	D	C	D	D	B	D	D	G	04/03/30	state	N
NNSA/DP	Y-12	D	D	D	C	C	C	D	G	06/08/25	state	N
NNSA/NR	Bettis	D	D	D	D	D	D	D	G	05/11/03		N
NNSA/NR	Knolls	D	D	D	D	D	D	D	G	06/11/08		N
PMA/PAs	Bonneville	D	D	B	B	A	D	D	O			N
PMA/PAs	Western	D	D	B	D	D	D	B	O	05/12/19		N
PMA/PAs	Southwestern	D	D	B	D	D	D	D	G	06/07/25	NEPT	N
SC/Science	Fermilab	D	D	B	D	B	B	B	R	03/08/31		N
SC/Science	Argonne	D	D	C	C	C	C	C	O	06/09/14		N
SC/Science	Berkeley	D	D	D	D	B	D	A	O	06/09/30		N
SC/Science	Jefferson	C	C	C	C	C	D	D	O	06/09/21		N
SC/Science	SLAC	D	C	C	D	C	C	D	O			N
SC/Science	Ames	D	C	D	D	D	D	D	G	06/08/22		N
SC/Science	Brookhaven	D	D	D	D	D	D	D	G	06/04/11	NEPT	Y
SC/Science	ORISE	D	D	D	D	D	D	D	G	06/09/28		Y
SC/Science	ORNL	D	D	D	D	D	D	D	G	06/03/31		Y
SC/Science	PNNL	D	D	D	D	C	D	D	G	06/06/09	NEPT	Y
SC/Science	PPPL	D	D	D	D	C	B	D	G	05/08/26		N

Notes:

- Individual question responses have been color coded as follows, from pink through yellow, yellow-green, and green: **A B C D** (D is fully implemented; A is not implemented)
- Site Scores are red, 'orange' (so they sort alphabetically), and green **R O G**
- This tables includes only the Metrics Questions (and some additional site description information). Responses to all the questions are listed and summarized on the spreadsheet.

### 1. Environmental Aspects

- A. Significant environmental aspects were not identified during this reporting period or previously.
- B. Significant environmental aspects were identified during this reporting period or previously; an established procedure was not used for this process.
- C. An established procedure was used to identify significant environmental aspects during this reporting period or previously; however, previously identified significant environmental aspects were not reevaluated during this period.
- D. Environmental aspects identified in a previous year were reevaluated during this reporting period using an established procedure and updated (added/deleted/modified) as appropriate.

### 2. Goals, Objectives, and Targets

- A. Measurable environmental goals, objectives, and targets were not identified, reviewed, and updated as appropriate during this reporting period.
- B. Measurable environmental goals, objectives, and targets were identified, reviewed, and updated as appropriate; 0-49% of targets were on schedule during this reporting period.
- C. Measurable environmental goals, objectives, and targets were identified, reviewed, and updated as appropriate; 50-79% of targets were on schedule during this reporting period.
- D. Measurable environmental goals, objectives, and targets were identified, reviewed, and updated as appropriate; 80-100% of targets were on schedule during this reporting period.

### 3. Operational Controls

- A. Documented operational controls to address significant aspects consistent with goals, objectives, and targets were not established during this reporting period or previously.
- B. Documented operational controls to address significant aspects consistent with goals, objectives, and targets were established during this reporting period or previously and have been partially implemented.
- C. Documented operational controls to address significant aspects consistent with goals, objectives, and targets were established during this reporting period or previously and are fully implemented.
- D. During this reporting period, previously documented operational controls to address significant aspects consistent with goals, objectives, and targets were fully implemented; in addition, they were reviewed during the year, and/or updated (i.e. supplemented, revised, deleted) as appropriate.

### 4. Environmental Training

- A. Training requirements to ensure individual competence and responsibility were not identified during this reporting period or previously.
- B. Training requirements to ensure individual competence and responsibility were identified during this reporting period or previously but training was not available and/or carried out.
- C. Training requirements to ensure individual competence and responsibility were identified during this reporting period or previously and training was available and carried out, and recorded during this reporting period.
- D. Training procedures were established to ensure that training requirements for individual competence and responsibility were identified; training was available and carried out during this reporting period; training is recorded and tracked; and training requirements

are monitored, revised, and refresher training provided, as appropriate, to maintain competence.

5. Contracts

- A. Facility has not carried out a process to identify appropriate contracts in which to include EMS requirements.
- B. Facility has carried out a process to identify appropriate contracts, but has not modified appropriate contracts to include EMS requirements.
- C. All new and renewed appropriate contracts were in the process of including EMS requirements during this reporting period; contractors were required to fulfill defined roles and specified responsibilities.
- D. EMS requirements were included in all appropriate contracts and contractors fulfilled defined roles and specified responsibilities during this reporting period.

6. EMS Audit/Evaluation Procedures

- A. EMS audit/evaluation procedures were not established during this reporting period or previously.
- B. EMS audit/evaluation procedures were established during this reporting period or previously but no audit was conducted during this reporting period.
- C. EMS audit/evaluation procedures were established during this reporting period or previously; an audit was conducted during this reporting period; nonconformities are not yet being addressed or corrected.
- D. EMS audit/evaluation procedures were established during this reporting period or previously and an audit was conducted during this reporting period; nonconformities were addressed or corrected.

7. Management Review

- A. Senior leadership review of the EMS was neither planned/scheduled nor conducted during this reporting period.
- B. Senior leadership review of the EMS was planned/scheduled, but was not conducted during this reporting period.
- C. Senior leadership review of the EMS was conducted during the current reporting period; recommendations for continual improvement were not addressed by top management during this reporting period.
- D. Senior leadership review of the EMS was conducted during this reporting period and top management responded to recommendations for continual improvement.

# Department-Level Rating

A Sliding Scale – More Stringent Each Year

**2006**

G	At Least 70% of Facilities are Green No More than 5% of Facilities are Red
Y	No More than 20% of Facilities are Red
R	Neither Green nor Yellow

**2007**

G	At Least 75% of Facilities are Green No More than 5% of Facilities are Red
Y	No More than 15% of Facilities are Red
R	Neither Green nor Yellow

# Facility-Level Rating

Constant From 2006-2008

For Green, a Facility Needs:

At Least 5 D's  
No More than 1 B  
No A's at all

←OR→

At Least 4 D's  
No B's at all  
No A's at all

For Yellow, a Facility Needs:

At Least 4 C's (or D's)  
No More than 1 A

For Red, a Facility is:

Neither Green nor Yellow

# Possible Scoring Combinations

Back-up for Will & Ed

Color Tally:	
Green	6
Yellow	38
Red	76
Total:	120

D	C	B	A	Rating
7				Green
6	1			Green
6		1		Green
5	2			Green
5	1	1		Green
4	3			Green
6			1	Yellow
5	1		1	Yellow
5		2		Yellow
5		1	1	Yellow
4	2	1		Yellow
4	2		1	Yellow
4	1	2		Yellow
4	1	1	1	Yellow
4		3		Yellow
4		2	1	Yellow
3	4			Yellow
3	3	1		Yellow
3	3		1	Yellow
3	2	2		Yellow
3	2	1	1	Yellow
3	1	3		Yellow
3	1	2	1	Yellow
2	5			Yellow
2	4	1		Yellow
2	4		1	Yellow
2	3	2		Yellow
2	3	1	1	Yellow
2	2	3		Yellow
2	2	2	1	Yellow
1	6			Yellow
1	5	1		Yellow
1	5		1	Yellow
1	4	2		Yellow
1	4	1	1	Yellow
1	3	3		Yellow
1	3	2	1	Yellow
	7			Yellow
	6	1		Yellow
	6		1	Yellow

D	C	B	A	Rating
	5	2		Yellow
	5	1	1	Yellow
	4	3		Yellow
	4	2	1	Yellow
5			2	Red
4	1		2	Red
4		1	2	Red
4			3	Red
3	2		2	Red
3	1	1	2	Red
3	1		3	Red
3		4		Red
3		3	1	Red
3		2	2	Red
3		1	3	Red
3			4	Red
2	3		2	Red
2	2	1	2	Red
2	2		3	Red
2	1	4		Red
2	1	3		Red
2	1	2	2	Red
2	1	1	3	Red
2	1		4	Red
2		5		Red
2		4	1	Red
2		3	2	Red
2		2	3	Red
2		1	4	Red
2			5	Red
1	4		2	Red
1	3	1	2	Red
1	3		3	Red
1	2	4		Red
1	2	3	1	Red
1	2	2	2	Red
1	2	1	3	Red
1	2		4	Red
1	1	5		Red
1	1	4	1	Red

D	C	B	A	Rating
1	1	3	2	Red
1	1	2	3	Red
1	1	1	4	Red
1	1		5	Red
1		6		Red
1		5	1	Red
1		4	2	Red
1		3	3	Red
1		2	4	Red
1		1	5	Red
1			6	Red
	5		2	Red
	4	1	2	Red
	4		3	Red
	3	4		Red
	3	3	1	Red
	3	2	2	Red
	3	1	3	Red
	3		4	Red
	2	5		Red
	2	4	1	Red
	2	3	2	Red
	2	2	3	Red
	2	1	4	Red
	2		5	Red
	1	6		Red
	1	5	1	Red
	1	4	2	Red
	1	3	3	Red
	1	2	4	Red
	1	1	5	Red
	1		6	Red
		7		Red
		6	1	Red
		5	2	Red
		4	3	Red
		3	4	Red
		2	5	Red
		1	6	Red
			7	Red