

**BY ORDER OF THE COMMANDER,
PACIFIC AIR FORCES**



AIR FORCE INSTRUCTION 32-7005

**PACIFIC AIR FORCES COMMAND
Supplement 1**

15 MARCH 2002

Civil Engineering

**ENVIRONMENTAL PROTECTION
COMMITTEES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This supplement establishes requirements for environmental reporting for all PACAF Environmental Protection Committees. This publication does not apply to the Air National Guard or US Air Force Reserve units and members.

SUMMARY OF REVISIONS

This supplement is intended to update ESORTS by changing some criteria and by dropping measurement where criteria are no longer a Department of Defense, Air Force, or PACAF goal. A “[]” indicates revised material since the last edition.

AFI 32-7005, 25 February 1994, is supplemented as follows:

4.3.1. The Air Force complies with environmental standards and laws to be a good steward of the resources it uses. Prudent management of these resources ensures long-term access to the air, land, and water the Air Force needs to sustain mission capability. PACAF's Environmental Status of Readiness and Training System (ESORTS) measures compliance with federal and state environmental regulations, as well as DoD and USAF instructions. Through ESORTS, PACAF ensures environmental performance goals established by the DoD and the USAF are met at its installations. Meeting performance goals is key to preserving and building on the exemplary trust and confidence PACAF has forged in its environmental programs.

4.3.1.1. Submit the quarterly ESORTS report (RCS: PAF-CEV(Q)9101) validated by the Environmental Protection Committee (EPC) to HQ PACAF/CE 15 days following the end of the calendar quarter using the format at .

4.3.1.2. ESORTS report shall consist of ratings and narratives explaining any rating below E-1. A format for reporting the ratings is at . Format for the narratives is at **Attachment 3 (Added)**.

4.3.1.3. ESORTS assesses each of the four pillars in the environmental program –Compliance, Pollution Prevention, Conservation Resources, and Restoration. Rating consists of the Commander’s Assessment, Program Ratings, and Contributing Ratings.

4.3.1.3.1. The Commander’s Assessment is the Wing Commander’s assessment for each of the four main pillars and an overall environmental program rating. The pillar rating should be based on the set of Program ratings and adjusted as appropriate by the Wing Commander. The Commander will also project the pillar rating for the next two quarters. For example: If a pillar had four Program Ratings of “E-2” and one Program Rating of “E-3”, the overall pillar rating would normally be “E-2” unless the Wing Commander felt it appropriate to adjust the rating. Commander’s overall environmental rating is like the pillar ratings. It is up to the commander or whoever recommends a rating to the commander to come up with an overall rating. If there is one E-3 pillar rating and three E-1s, the commander could choose an E-1 or E-2 overall rating, depending on the circumstances. If a particular area has all E-2's and E-3's, and the commander decides the program is E-1 anyway, then the message sent is "we aren't meeting requirements, but overall I'm not worried and can stand the risk. Put your focus elsewhere." This should be the commander's judgment of how the program is doing based on the facts, risks and vulnerabilities perceived.

4.3.1.3.2. Contributing ratings indicate the subordinate areas that are important to that particular pillar of the program. These subordinate areas identify problems and issues that need to be fixed before they degrade the respective Program Rating.

4.3.1.3.3. The ESORTS rating are as follows:

E-RATING DEFINITION

E-1 (Green) Meets Standard

E-2 (White) Minor Problems

E-3 (Yellow) Major Problems

E-4 (Red) Program Failure

Attachment 1 (Added)**ESORTS CRITERIA*****ENVIRONMENTAL COMPLIANCE PROGRAM CRITERIA*****E-LEVEL NOTICE OF VIOLATIONS (NOV), ENFORCEMENT ACTIONS (EA), HOST NATION EA EQUIVALENTS (HNEA)**

- E-1 All NOV/EA/HNEAs carried as open from previous quarter(s) and closed within the current quarter (ESORTS reporting period), all NOV/EA/HNEAs received within current quarter (ESORTS reporting period) and closed within current quarter, or no open NOV/EA/HNEAs carried over from previous quarter(s) and none received within current quarter (ESORTS reporting period).
- E-2 Non-fineable EA/HNEA received within current quarter (ESORTS reporting period) or still open from previous quarter(s) and currently open at the end of the current quarter (ESORTS reporting period).
- E-3 Fineable NOV/EA/HNEA received within current quarter (ESORTS reporting period) or still open from previous quarter(s) and currently open at the end of the current quarter (ESORTS reporting period), but no fine or penalty issued within quarter.
- E-4 NOV/EA received within current quarter (ESORTS reporting period) or still open from previous quarter(s) and currently open at the end of the current quarter (ESORTS reporting period) with a fine or penalty issued and not yet resolved.

NOTE: For HNEAs use EPA criteria to determine if fines would apply.

E-LEVEL UNDERGROUND STORAGE TANKS (USTs) AND ASSOCIATED PIPING

- E-1 All regulated USTs are in compliance.
- E-2 All regulated USTs are identified and programmed for compliance by deadline (22 Dec 98 for US, 1 Oct 04 for Overseas).
- E-3 All regulated USTs have not been identified and programmed for compliance by deadline (22 Dec 98 for US, 1 Oct 04 for Overseas).
- E-4 Enforcement action.

NOTE: UST must be in compliance with following requirements:
Corrosion protection, spill and overflow protection, release detection.

E-LEVEL HAZARDOUS WASTE OPERATIONS

- E-1 95% of sites in full compliance with RCRA/FGS.
- E-2 90% of sites in full compliance with RCRA/FGS.
- E-3 80% of sites in full compliance with RCRA/FGS.
- E-4 <80% of sites in full compliance with RCRA/FGS.

NOTE: Sites include 90-day and satellite accumulation points, treatment, and storage facilities.

ENVIRONMENTAL COMPLIANCE CONTRIBUTING CRITERIA

E-LEVEL EXECUTION RATE ENVIRONMENTAL COMPLIANCE (PE-12845/PE-27456)

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
E-1 O&S Execution Rate:				
	>25%	>50%	>75%	100%

and Project Execution Performance:

All projects meet timelines established by PACAF field guidance for the execution of CE projects via contract.

E-2 O&S Execution Rate:				
	>20%	>40%	>65%	>98%

and Project Execution Performance:

>75% of projects meeting timelines established by PACAF field guidance for the execution of CE projects via contract.

E-3 O&S Execution Rate:				
	>10%	>30%	>50%	>95%

and Project Execution Performance:

>50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects via contract.

E-4 O&S Execution Rate:

<10% <30% <50% <95%

or Project Execution Performance:

<50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects via contract.

NOTE: Execution is derived from the sum of actual commitments plus actual obligations posted in DFAS.

E-LEVEL ENVIRONMENTAL, SAFETY, AND OCCUPATIONAL HEALTH COMPLIANCE ASSESSMENT AND MANAGEMENT PROGRAM (ESOH CAMP) CLOSURE RATE

	1st QTR	2nd QTR	3rd QTR	4th QTR
E-1	30	50	75	85
E-2	22.5	42.5	57.5	65
E-3	15	30	40	50
E-4	<15	<30	<40	<50

For carryover findings >2yr, above ratings drop

one E rating worse 1-3 Major findings

two E ratings worse 4-6 Major findings

three E ratings worse >6 Major findings

Note: For ESORTS ratings only, base E-rating on number of negative Environmental findings.

E-LEVEL SPILL RESPONSE

Based on availability of qualified personnel (expressed as X% of personnel qualified as required by established plans) and equipment (expressed as Y% of equipment available/operational as required by established plans):

$$Z = \frac{X + Y}{2} \%$$

2

E-1 Z = 90% or better.

E-2 Z = 80-90%

E-3 Z = 70-80%

E-4 Z = <70%

E-LEVEL ENVIRONMENTAL COMPLIANCE (EC) MANAGEMENT PLANS

E-1 All applicable plans complete and current

E-2 75% or more of applicable plans complete and current.

E-3 50% or more of applicable plans complete and current.

E-4 Less than 50% of applicable plans not complete or in need of update.

NOTE: Includes Spill Prevention, Control, & Countermeasures (SPCC); Oil & Hazardous Substance Pollution Contingency; Hazardous Waste Management; Recoverable & Waste Petroleum Management; Poly-chlorinated Biphenyl Management (N/A if PCB Free); Asbestos Management; Asbestos Operations; and Facility Response Plans. Current means plans were reviewed within the past 12 months by base Environmental Protection Committee and for SPCC, plan was reviewed and certified by a registered Professional Engineer within the past 3 years.

E-LEVEL TRAINING

E-1 0-10% of open ECAMP findings with root cause attributed to training and awareness.

E-2 11-25% of open ECAMP findings with root cause attributed to training and awareness.

E-3 26-40% of open ECAMP findings with root cause attributed to training and awareness.

E-4 >40% of open ECAMP findings with root cause attributed to training and awareness.

NOTE: Includes all ECAMP findings with TC (Continuing Education), TM (Mandated) and TG (General Awareness) identified as root causes.

E-LEVEL RATING CRITERION FOR ACTIVE RANGES

E-1 No limitations on range. Range is fully useful for required training and testing.

E-2 Range has minor limitations. These limitations affect range utility; all required functions can be exercised, but the utility is incomplete. This rating is to be used if future (one year out and further) limitations are expected, such as would occur with expected future encroachment problems, legal determinations, or other environmental problems.

- E-3 Range has major limitations. Some significant elements of the training plan cannot be exercised. These limitations can be related to time (only limited daily periods or seasonal periods can be made available) or training events (only a fraction of the required training events may be flown). This rating is to be used if future (within the next year) limitations are expected, such as would occur with expected future encroachment problems, legal determinations, or other environmental problems.
- E-4 Range is closed. Environmental and operational factors are so severely limiting that the range cannot be used.

POLLUTION PREVENTION PROGRAM CRITERIA

E-LEVEL REDUCTION GOALS

- E-1 Meets or exceeds all established goals.
- E-2 Does not meet 1 reduction goal.
- E-3 Does not meet 2 reduction goals.
- E-4 Does not meet 3 or more reduction goals.

NOTE: Goals include Solid Waste, Hazardous Waste, Hazardous Material, Pesticides and other published PACAF goals.

E-LEVEL HAZARDOUS MATERIAL MANAGEMENT PROGRAM

Based on answering the following 9 questions:

- E-1 9 Yes answers.
- E-2 8 Yes answers.
- E-3 6 or 7 Yes answers.
- E-4 5 or less Yes answers.

1. Hazardous Materials Management Program (HMMP) Team formed with CE, LG, BE, SE and others as required – SC, JA, PA, etc.?

2. Is an Installation Operating Instruction published?

3. Do all installation wing and tenant units participate?
4. Authorization form (Form 3952, Form 5, etc.) complete for each HM request?
5. Defense Environmental Security Corporate Information Management (DESCIM) approved system – the Environmental Management Information System (EMIS) is in use and tracks all hazardous material (HM) sources of supply?
6. Is all contractor HM tracked through EMIS?
7. Are all HM IMPAC card and Form 9 purchases controlled?
8. Are reports complete using (DESCIM) System – EPA 17 quarterly report complete and ODC quarterly inventory reports?
9. Is a HM reduction program in place including a HM source reduction during authorization process and HM reuse program?

POLLUTION PREVENTION CONTRIBUTING CRITERIA

E-LEVEL POLLUTION PREVENTION MANAGEMENT ACTION PLAN (MAP)

- E-1 MAP based on an opportunity assessment/baseline survey complete and current.
- E-2 MAP available but overdue an annual update by six months or less.
- E-3 MAP available but overdue an annual update by greater than six months.
- E-4 No plan or assessment/survey.

E-LEVEL HAZARDOUS MATERIAL OPERATIONS

- E-1 At least 95% of shops enrolled fully in EMIS with 100% Hazardous Materials authorized and maintained (IAW AFI 32-7086).
- E-2 At least 90% of shops enrolled fully in EMIS with 100% Hazardous Materials authorized and maintained (IAW AFI 32-7086).

E-3 At least 80% of shops enrolled fully in EMIS with 100% Hazardous Materials authorized and maintained (IAW AFI 32-7086).

E-4 Less than 80% of shops enrolled fully in EMIS with 100% Hazardous Materials authorized and maintained (IAW AFI 32-7086).

E-LEVEL EXECUTION RATE POLLUTION PREVENTION (PE-28854)

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
E-1 O&S Execution Rate:	>25%	>50%	>75%	100%

and Project Execution Performance:

All projects meet timelines established by PACAF field guidance for the execution of CE projects via contract.

E-2 O&S Execution Rate:	>20%	>40%	>65%	>98%
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and Project Execution Performance:

>75% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

E-3 O&S Execution Rate:	>10%	>30%	>50%	>95%
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and Project Execution Performance:

>50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

E-4 O&S Execution Rate:	<10%	<30%	<50%	<95%
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or Project Execution Performance:

<50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

NOTE: Percent of execution is derived from the sum of actual commitments plus actual obligations posted in DFAS.

CONSERVATION RESOURCES PROGRAM CRITERIA

ENVIRONMENTAL IMPACT ANALYSIS PROCESS (EIAP)

- E-1 All EIAP documentation approved 30 days or more prior to pending action.
- E-2 Required EIAP documentation approved prior to starting action.
- E-3 Required EIAP documentation delaying action.
- E-4 Required EIAP documentation in progress after action has started.

TRAINING AND EDUCATION

- E-1 At least one person trained in all 3 fields within last 3 years.
- E-2 At least one person trained in 2 of 3 fields within last 3 years.
- E-3 At least one person trained in one of 3 fields within last 3 years.
- E-4 No training in Conservation Resource within last 3 years.

SURVEY AND PLAN CURRENCY

- E-1 All plans and surveys current.
- E-2 No more than 1 plan or survey out of currency.
- E-3 No more than 50% of plans and surveys out of currency.
- E-4 More than 50% of plans and surveys out of currency.

INCLUDES: Natural Resources, Cultural Resources, Pest Management, Recreation, Forestry, Wetlands, Floodplain, Threatened & Endangered Species (N/A overseas)

THREATENED AND ENDANGERED SPECIES (TES) AND WETLANDS SURVEYS (N/A Overseas)

- E-1 Surveys, inventories, and mapping complete/current for all potential acreage.
- E-2 All acreage surveyed, delineated, and mapped, but requires update.
- E-3 No survey, delineation, and mapping, but action underway.
- E-4 No survey, delineation, mapping and no action underway.

CONSERVATION RESOURCES CONTRIBUTING CRITERIA

EXECUTION RATE CONSERVATION RESOURCES (PE28853)

1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
E-1 O&S Execution Rate:			
>25%	>50%	>75%	100%

and Project Execution Performance:

All projects meet timelines established by PACAF field guidance for the execution of CE projects via contract.

E-2 O&S Obligation Rate:

>20%	>40%	>65%	>98%
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and Project Execution Performance:

>75% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

E-3 O&S Obligation Rate:

>10%	>30%	>50%	>95%
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and Project Execution Performance:

>50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

E-4 O&S Obligation Rate:

<10% <30% <50% <95%

or Project Execution Performance:

<50% of projects meeting timelines established by PACAF field guidance for the execution of CE projects

RESTORATION PROGRAM CRITERIA

LEGAL AGREEMENT/COMPLIANCE ORDERS/STATUTORY DEADLINE

REMEDIAL ACTION IN PLACE

- E-1 On schedule to meet milestone(s).
- E-2 Behind schedule but renegotiation/extension requested/underway.
- E-3 Behind schedule and renegotiation/extension has not been requested.
- E-4 Missed milestone(s).

REMEDIAL ACTION IN PLACE

- E-1 On schedule to have all high relative risk sites with remedial action in place by FY07.
- E-2 Behind schedule by 1 year.
- E-3 Behind schedule by two years.
- E-4 Behind schedule by three or more years.

RESTORATION CONTRIBUTING CRITERIA

| EXECUTION RATE RESTORATION (PE 78008)

Project Funding % (Does not include Management/Manpower):

	1st QTR	2nd QTR	3rd QTR	4th QTR
E-1	33	66	100	100
E-2	25	50	75	>98
E-3	16	33	50	>95
E-4	<16	<33	<50	<95

I AFRIMS DATA QUARTERLY PROJECTIONS

Based on the 4 projection vs. actual charts produced in AFRIMS, the number of sites (graphs #1,2,3) plus installations (#4) that missed projection in the last quarter:

- E-1 No sites or installations missing projections for quarter
- E-2 1 to 3 sites or installations missing projections for quarter
- E-3 4 to 6 sites or installations missing projections for quarter
- E-4 More than 6 sites and installations missing projections for quarter.

Attachment 2 (Added)**SAMPLE ESORTS RATING FORMAT***99TH ABW**ANYBASE AB, ANYSTATE**ESORTS SUMMARY**COMMANDER'S ASSESSMENT**99th ABW**ENVIRONMENTAL COMPLIANCE PROGRAM*

	PREVIOUS	CURRENT	3 MONTH	6 MONTH
COMPLIANCE	E-2	E-2	E-1	E-1
POLLUTION PREVENTION	E-1	E-1	E-3	E-3
CONSERVATION RESOURCES	E-1	E-1	E-1	E-1
RESTORATION	E-2	E-1	E-1	E-1
OVERALL ENVIRONMENTAL	E-2	E-1	E-2	E-2

E-1 Meets Standards

E-2 Minor Problems

E-3 Major Problems

E-4 Program Failure

99th ABW
ENVIRONMENTAL COMPLIANCE PROGRAM

	PREVIOUS	CURRENT	GET WELL DATE
NOV/EA/HNEA	E-2	E-2	05 MAR 04
UST	E-1	E-1	
HAZ WASTE OPERS	E-1	E-1	
OBLIGATION RATE	E-1	E-1	
ECAMP CLOSURE	E-1	E-1	
SPILL RESPONSE	E-1	E-1	
MANAGEMENT PLANS	E-1	E-1	
TRAINING	E-1	E-3	01 JUN 03
ACTIVE RANGES	E-1	E-1	

99th ABW
POLLUTION PREVENTION PROGRAM

	PREVIOUS	CURRENT	GET WELL DATE
REDUCTION GOALS	E-1	E-1	
HAZ MATERIAL MGMT	E-2	E-2	15 APR 01
POLLUTION PREVENTION PLANS	E-1	E-1	
HAZ MATERIAL OPERATIONS	E-2	E-1	
EXECUTION RATE	E-1	E-1	

CONSERVATION RESOURCES PROGRAM

	PREVIOUS	CURRENT	GET WELL DATE
EIAP	E-1	E-1	
TRAINING & EDUCATION	E-1	E-1	
SURVEY & PLAN	E-2	E-2	12 AUG 02
TES/WETLANDS SURVEY	E-1	E-1	
OBLIGATION RATE	E-1	E-1	

RESTORATION PROGRAM

	PREVIOUS	CURRENT	GET WELL DATE
LEGAL AGREEMENTS	E-1	E-1	
REMEDIAL ACTION IN PLACE	E-1	E-1	
QUARTERLY PROJECTIONS	E-3	E-2	30 SEP 01
OBLIGATION RATE	E-2	E-1	

Attachment 3 (Added)**ESORTS NARRATIVE (RCS: PAF-CEV(Q)9101)**

Any rating below E-1 must be explained. The narratives must be forwarded to HQ PACAF/CE along with the Wing ESORTS ratings. Narratives shall follow the rating presentation order – Compliance, Pollution Prevention, Conservation, Restoration. The following format shall be used for the narratives:

99 th ABW WING NARRATIVE FOR (COMPLIANCE, PREVENTION, CONSERVATION RESOURCES, RESTORATION) PROGRAM.

A. COMMANDER'S ASSESSMENT. Wing Commander's explanation of a higher or a lower rating with projected get-well date to an E-1 rating.

B. PROGRAM RATINGS.

Criterion Name (e.g., Haz Materials Mgmt) – ESORTS Rating (e.g., E-3)

Problem: (State simply and concisely)

Corrective Action: (Give Milestones, Costs, Project Numbers, if applicable)

Get-Well Date: (Projected get-well date to an E-1 rating)

Criterion Name (UST Mgmt) – ESORTS Rating (e.g., E-3)

Problem: (State simply and concisely)

Corrective Action: (Give Milestones, Costs, Project Numbers, if applicable)

Get-Well Date: (Projected get-well date to an E-1 rating)

C. CONTRIBUTING RATINGS.

Criterion Name (UST Mgmt) – ESORTS Rating (e.g., E-3)

Problem: (State simply and concisely)

Corrective Action: (Give Milestones, Costs, Project Numbers, if applicable)

Get Well Date: (Projected get well date to an E-1 rating)

DAVID W. DEFOLIART, Colonel, USAF
The Civil Engineer