

CHAPTER 13
DEFENSE ENVIRONMENTAL RESTORATION
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CHAPTER 13

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM

1301 GENERAL

130101 Purpose

A. This chapter provides instructions applicable to budget formulation and congressional justification for the Defense Environmental Restoration Program. The National program to manage hazardous wastes and cleanup old hazardous wastes extends to the Department of Defense. The Congress is interested in assuring that the DoD Program is complying with all the requirements levied by the Resource Conservation and Recovery Act (RCRA), the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and the Superfund Amendments and Reauthorization Act (SARA) legislation. This Chapter provides the funding data necessary to respond to congressional concerns.

B. The following accounts are covered as subsections of the Defense Environmental Restoration Program appropriation

Section

130201

- Operation and Maintenance
- Procurement
- Research, Development, Test, and Evaluation (RDT&E)
- Military Construction

130102 Submission Requirements

General guidance with regard to submission requirements is presented in Chapter 1. Chapter 13 covers specific back-up material requirements for the Defense Environmental Restoration Program. The Deputy Under Secretary of Defense, Environmental Security (DUSD(ES)) of the USD(A&T) is responsible for all submission requirements for this program.

130103 Preparation of Material

General guidance with regard to format and preparation of material is presented in Chapter 1. Chapters 13 provides additional

specific guidance with regard to the back-up material required for the Defense Environmental Restoration Program.

130104 References

Chapter 1 provides general funding policies, Chapter 3 provides specific policies related to Operation and Maintenance costs, Chapter 4 provides specific policies related to Procurement appropriations, Chapter 5 provides specific policies related to RDT&E, and Chapter 6 provides specific policies related to Military Construction appropriations.

130105 Definitions

A. Installation Restoration Program (IRP) This subelement is a comprehensive program to identify, investigate, and cleanup contamination from hazardous substances and wastes resulting from past DoD activities on active installations and formerly-used DoD lands. This includes requirements incident to remedial action, both on-installation and off-installation, e.g., provision of permanent alternate potable water supplies to communities affected by groundwater contamination that resulted from DoD activity. Actions under this element may include:

1. Investigations to identify, confirm and quantify contamination; feasibility studies; remedial action plans and designs; and remedial or removal actions.
2. Research, development and technology demonstrations necessary to conduct cleanups.
3. Expenses associated with cooperative multi-party cleanup plans and activities.
4. Remedial actions to protect or restore natural resources damaged by contamination from past hazardous waste disposal activities.
5. Cleanup of low-level radioactive waste sites which meet the criteria of the CERCLA, as amended.

6. Management expenses associated with IRP, including civilian salaries.

7. Capital costs of long-term monitoring systems.

8. Operating expenses for the first two years of long-term monitoring.

9. Immediate actions necessary to address health and safety concerns such as providing alternate water supplies or treatment of contaminated drinking water, when the hazard results from a release from DoD property.

10. Studies to locate underground tanks not used since January 1984 and activities to determine actual or potential contamination.

11. Cleanup of contamination resulting from tanks not used since January 1984, unless such cleanup is incidental to tank replacement.

12. Cleanup of contamination resulting from tank leaks which occurred prior to March 1, 1986, unless such cleanup is incidental to tank replacement.

13. CERCLA assessments necessary prior to excessing real property assets.

14. Proportion of RCRA permit preparation associated with solid waste management units which would meet the definition of a past disposal site under CERCLA, as amended.

B. Building Demolition and Debris Removal Program (BD/DR) This subelement applies to both active installations and formerly-used DoD lands. The purpose of this subelement is to plan and execute a comprehensive program to demolish and remove unsafe buildings and structures. Expenses incident to complete restoration, such as restoration of natural resources are included, if such expenses are clearly and directly related to the demolition and debris removal. Demolition which is required as part of a new construction project is excluded. Actions under this element may include:

1. The demolition of buildings or the removal of debris which constitute a safety hazard on active installations.

2. The demolition of buildings or the removal of debris which constitute a safety hazard on lands formerly-used by the Department of Defense, provided such lands were transferred to state or local governments or native corporations.

C. Other Hazardous Waste (OHW)

This subelement is intended primarily to accomplish two things: (1) to fund studies and the purchase of equipment which will reduce hazardous waste generation; and (2) to fund other one-time expenses for appropriate environmental restoration activities related to the cleanup of contamination from hazardous substances. This subelement excludes operations and maintenance properly chargeable to base operations support. Actions under this element may include:

1. Research, development, studies, technology demonstrations, and equipment procurement to reduce hazardous waste generation.

2. Studies and support of research, development and demonstration projects for methods of treatment, disposal and management of hazardous wastes.

3. Studies and support for identifying more cost-effective technologies for cleanup of hazardous substances.

4. Studies and support for toxicological data collection and methodology on risk of exposure to hazardous wastes.

5. Testing, evaluation and field demonstration any innovative technology to control, contain, and treat hazardous substances.

6. Studies and support for commonly found unregulated hazardous substances by the Secretary of Health and Human Services and for DoD Health Advisories by the EPA.

1302 BUDGET ESTIMATES SUBMISSION

130201 Purpose

This Section provides guidance for preparation and submission of budget estimates for the Defense Environmental Restoration Program. The budget estimates consist of all operation and maintenance, procurement, RDT&E, and Military Construction resources that support the consolidated Defense Environmental Restoration Program.

130202 Submission Requirements

A. Based on the Department's decision to devolve the DERA, the Military Departments, and applicable defense agencies shall incorporate separate narrative justification material for their respective programs and Environmental Restoration Exhibits, Env. 30a-30e, in their O&M justification books. The DUSD Environmental Security is responsible for consolidating the defense agency budget submissions and for preparing the ENV 30a-30e exhibits for the Formerly Used Defense Sites (FUDS). The diskette of installation level detail required by the DUSD(ES) should be forwarded together with the Components' justification material to the OUSD (C) P/B Operations Directorate (Room 3D868).

The Components and DUSD(ES) are also responsible for providing data to update the Budget Review System (BRS) and the Five Year Defense Plan (FYDP) automated systems for the Environmental Restoration, Defense appropriation as identified in Chapter 1.

B. In addition to submitting the above items, the DUSD(ES) is responsible for establishing policy for the Defense Environmental Restoration Program.

1303 CONGRESSIONAL
JUSTIFICATION/PRESENTATION

130301 Purpose

This Section presents the exhibit requirement for submission to Congress.

130302 Submission Requirements

A. Based on the Department's decision to devolve the DERA, the Military Departments and applicable defense agencies shall incorporate separate narrative justification material for their respective programs and Environmental Restoration Exhibits, Env. 30a-30e, in their O&M justification books. The DUSD Environmental Security is responsible for consolidating the defense agency budget submissions and for preparing the ENV 30a-30e exhibits for the Formerly Used Defense Sites (FUDS). The diskette of installation level detail required by the DUSD(ES) should be forwarded together with the Components' justification material to the OUSD (C) P/B Operations Directorate (Room 3D868). Copy requirements are identified in Chapter U1. Examples of budget exhibits can be found in Section 1304.

1304 DEFENSE ENVIRONMENTAL
RESTORATION PROGRAM
SUBMISSION FORMATS

130401 Purpose.

The formats provided on the following pages reflect guidance presented in previous sections of this chapter. Unless modified in a submission budget call, these formats should be adhered to.

130402 Exhibits in Support of Section 1302 - Budget Estimate Submission

Exhibit ENV-30A Operations Financed..... 7
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Exhibit ENV-30D Summary by Phase 11
Exhibit ENV-30E Outyear Funding Summary 12

ENVIRONMENTAL RESTORATION PROGRAM

FY ____ BUDGET

FUNDING BY PRIORITY

DEPARTMENT OF _____

(\$ in Thousands)

	PY	CY	BY -1	BY-2	BY1-CY	BY2-BY1
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>CHANGE</u>	<u>CHANGE</u>

I. Installation Restoration Program (IRP)

A. Program Management and Support

B. Hazardous and Petroleum Waste Products

- Priority 1A. High Relative Risk with Agreements
- Priority 1B. High Relative Risk without Agreements
- Priority 2A. Medium Relative Risk with Agreements
- Priority 2B. Medium Relative Risk without Agreements
- Priority 3A. Low Relative Risk with Agreements
- Priority 3B. Low Relative Risk without Agreements
- Priority 4A. Not Evaluated with Agreements
- Priority 4B. Not Evaluated without Agreements
- Recovery Account
- Subtotal Hazardous and Petroleum Waste Products

C. Ordnance and Explosive Waste Projects

- Priority C1. Imminent Threats to Human Safety
- Priority C2. Possible Threats to Human Safety
- Priority C3. Marginal Threats to Human Safety
- Priority C4. Remote Threats to Human Safety
- Not Evaluated
- Subtotal Ordnance and Explosive Waste Projects

SUBTOTAL INSTALLATION RESTORATION PROGRAM (A+B+C)

II. OTHER HAZARDOUS WASTE

- A. Projects which pay back in 3 Years or less
- B. Projects which pay back in 3-5 years
- C. Demonstration/Validation Studies
- D. Projects which pay back in over 5 years
- E. Program Management, Manpower, and Training
- F. Other

SUBTOTAL OTHER HAZARDOUS WASTE

III. BUILDING DEMOLITION/DEBRIS REMOVAL PROGRAM

- A. Imminent threats to Human Safety, Health, or to the Environment
- B. Other

SUBTOTAL BUILDING DEMOLITION/DEBRIS REMOVAL

TOTAL PROGRAM

Exhibit ENV-30A Operations Financed

ENVIRONMENTAL RESTORATION PROGRAM

FY _____ BUDGET

DEPARTMENT OF _____

A. ASSESSMENTS	PRIOR YEAR	CURRENT YEAR	BUDGET YEAR 1	BUDGET YEAR 2
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Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

Note: Starts = sites begun in appropriate fiscal year
Underway = sites underway at the beginning of the fiscal year
Completions = sites completed each fiscal year
Starts + Underway - Completions for Prior Year = Underway
for the next fiscal year.

B. ANALYSIS/INVESTIGATIONS

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

C. INTERIM ACTIONS

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

D. REMEDIAL DESIGNS

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

E. REMEDIAL ACTIONS

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

F. LONG TERM OPERATIONS AND MONITORING

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

G. POTENTIALLY RESPONSIBLE PARTY

Funding Level
Starts - No of Sites
Underway - No of Sites
Completions - No of Sites

Exhibit ENV-30B Price and Program Growth
(Page 1 of 2)

H. OTHER (\$000) (ADD MGT, WRKYRS,
DSMOA, ATSDR, FINES)
MANAGEMENT
WORKYEARS
DSMOA
ATSDR
FINES

II. TOTAL (All Appropriations)
Funding Level

Exhibit ENV-30B Price and Program Growth

(Page 2 of 2)

ENVIRONMENTAL RESTORATION PROGRAM
FY ____ BUDGET
DEPARTMENT OF _____
(\$ in Thousands)

Reconciliation of Increases/Decreases

I. Current Fiscal Year Estimate

- A. Functional Program Transfers (Indicate the transfers from/to other appropriations)
 - 1) Transfers in
 - 2) Transfers out
- B. Price Growth (Reflect changes in inflation rate assumptions)
- C. Program Increases (List, by relative risk category, the program increases)
- D. Program Decreases (List, by relative risk category, the program decreases)

II. Budget Year 1 Request

- A. Functional program Transfers (Indicate the transfers from/to other appropriations)
 - 1) Transfers in
 - 2) Transfers out
- B. Price Growth (Reflect changes in inflation rate assumptions)
- C. Program Increases (List, by relative risk category, the program increases)
- D. Program Decreases (List, by relative risk category, the program decreases)

III. Budget Year II Request

Reconciliation of Increases/Decreases

I. Current Fiscal Year Estimate

- A. Functional Program Transfers (Indicate the transfers from/to other appropriations)
 - 1) Transfers in
 - 2) Transfers out
- B. Price Growth (Reflect changes in inflation rate assumptions)
- C. Program Increases (List, by relative risk category, the program increases)
- D. Program Decreases (List, by relative risk category, the program decreases)

II. Budget Year 1 Request

- A. Functional Program Transfers (Indicate the transfers from/to other appropriations)
 - 1) Transfers in
 - 2) Transfers out
- B. Price Growth (Reflect changes in inflation rate assumptions)
- C. Program Increases (List, by relative risk category, the program increases)
- D. Program Decreases (List, by relative risk category, the program decreases)

III. Budget Year II Request

Exhibit ENV-30C Reconciliation of Increases/Decreases

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FY 1997 BUDGET SUBMISSION
OUTYEAR FUNDING
COMPONENT
(\$ in Thousands)

B Y + 3 B Y + 4 B Y + 5 B Y + 6

- A. Installation Restoration program
 - 1. High Relative Risk
 - 2. Medium Relative Risk
 - 3. Low Relative Risk
 - 4. Potentially Responsible Party
 - 5. Not Evaluated
 - 6. Program Management & Support

- B. Other Hazardous Waste

- C. Building Demolition/Debris Removal

- D. TOTAL

Exhibit ENV-30D Summary by Phase

ENVIRONMENTAL RESTORATION PROGRAM
FY ____ BUDGET SUBMISSION
OUTYEAR FUNDING
DEPARTMENT OF _____

(\$ in Thousands)

B Y + 3

B Y + 4

B Y + 5

B Y + 6

- A. Installation Restoration Program
 - 1. High Relative Risk
 - 2. Medium Relative Risk
 - 3. Low Relative Risk
 - 4. Potentially Responsible Party
 - 5. Not Evaluated
 - 6. Program Management & Support

- B. Other Hazardous Waste

- C. Building Demolition/Debris Removal

- D. TOTAL

Exhibit ENV-30E Outyear Funding Summary