

CHAPTER 13
DEFENSE ENVIRONMENTAL RESTORATION
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DEFENSE ENVIRONMENTAL RESTORATION**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 appropriations that finance the Defense Environmental Restoration Program include the following subsections:

- 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 backup 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. Chapter 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 funding, 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. Remedial action construction costs.
7. Remedial action operations costs.
8. Costs 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. CERCLA assessments necessary prior to excessing real property assets.
11. 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.
12. Management expenses associated with IRP, including civilian salaries.

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 that 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 that 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 *captures* DoD clearance and cleanup requirements for Unexploded Ordnance (UXO) *at closed, transferring, and transferred (CTT) ranges*. All DoD Components participating in the Environmental Restoration Program, including FUDS, *shall program and budget for Unexploded Ordnance (UXO) cleanup at CTT ranges in the United States and its territories using the OHW subelement*. OHW does not include cleanup of active and inactive ranges at active installations. *Transferred range requirements (typically FUDS) are already in the ER, FUDS account. Transferring range requirements (typically base realignment and closure (BRAC) ranges) are in the BRAC account and funding will transfer to the appropriate Environmental Restoration account upon expiration of the BRAC account. Clearance and cleanup requirements at closed ranges are new requirements that should be budgeted in the appropriate Environmental Restoration account.*

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 Defense Environmental Restoration Program. The Components should consult all of the other Chapters for exhibit requirements that are not specifically addressed in this Chapter including Chapter 19, Other Special Analyses.

130202 Submission Requirements

A. Based on the Department's decision to devolve the centralized Environmental Restoration, Defense (ER,D) appropriation, the *Military Departments and applicable Defense Agencies shall incorporate separate narrative justification material for their respective programs* and the Environmental Restoration Exhibits (ENV 30a-30e) in their Budget Estimates Submission. 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 and Personnel Directorate, Room 3D868, Pentagon.

B. The Components and DUSD(ES) are also responsible for providing data to update the Budget Review System (BRS) and the Future Year Defense Plan (FYDP) automated systems for the various Environmental Restoration appropriations as identified in Chapter 1 and for updating the OP-32 exhibit (Summary of Price and Program Change) identified in Chapter 3.

C. 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 the Congress.

130302 Submission Requirements

A. Based on the Department's decision to devolve the centralized Environmental Restoration, Defense (ER,D) appropriation, the *Military Departments and applicable Defense Agencies shall incorporate separate narrative justification material for their respective programs* and Environmental Restoration Exhibits (ENV 30a-30c) in their O&M justification books, Volume II. Environmental Restoration Exhibits (ENV 30d-e) should be submitted separately to the DUSD (Environmental Security). The DUSD (Environmental Security) is responsible for consolidating the congressional justification material for the Defense Agencies and for preparing the ENV 30a-30e exhibits for the Formerly-Used Defense Sites (FUDS).

B. The diskette of installation level detail required by the DUSD(ES) should be forwarded together with the Components' justification material to the OUSD (Comptroller) P/B Operations and Personnel Directorate, Room 3D868, Pentagon. Copy requirements are identified in Chapter 1.

C. The Components and DUSD(ES) are also responsible for providing data to update the Future Year Defense Plan (FYDP) automated systems for the various Environmental Restoration appropriations as identified in Chapter 1 and for updating the OP-32 exhibit (Summary of Price and Program Change) identified in Chapter 3.

D. 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. Formats should be titled as “Budget Estimates” for the fall budget estimate submission and as “President’s Budget” for the final budget submission due *to OSD* the following *January*.

130402 Exhibits in Support of Defense Environmental Restoration

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**ENVIRONMENTAL RESTORATION PROGRAM
FY ____ BUDGET ESTIMATE
FUNDING BY PRIORITIES**

Department/Activity
(\$ in Thousands)

	<u>PY</u>	<u>CY</u>	<u>BY1</u>	<u>BY2</u>	<u>BY1-CY</u>	<u>BY2-BY1</u>
	<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
- Remedial Action Operations
- Long Term Monitoring
- Potentially Responsible Party
- Recovery Account
- Subtotal Hazardous and Petroleum Waste Products

- Subtotal Installation Restoration Program (A+B)

II. Other Hazardous Waste (UXO Cleanup)

- Priority 1. Imminent Threats to Human Safety
- Priority 2. Possible Threats to Human Safety
- Priority 3. Marginal Threats to Human Safety
- Priority 4. Remote Threats to Human Safety
- Not Evaluated
- 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

**ENVIRONMENTAL RESTORATION PROGRAM
 FY ____ BUDGET ESTIMATE
 FUNDING BY WORK PHASE**

**Department/Activity
 (\$ in Thousands)**

<u>PY</u>	<u>CY</u>	<u>BY1</u>	<u>BY2</u>
<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>

- A. Assessments**
- Funding Level
- Starts – # of Sites
- Underway – # of Sites
- Completions – # of Sites

Note: Starts = sites begun in a fiscal year
 Underway = sites underway at the beginning of the fiscal year
 Completions = sites completed each fiscal year
 Starts + Underway - Completions for PY = Underway for the next FY.

- B. Analysis/Investigations**
- Funding Level
- Starts – # of Sites
- Underway - # of Sites
- Completions - # of Sites

- C. Interim Actions**
- Funding Level
- Starts - # of Sites
- Underway - # of Sites
- Completions - # of Sites

- D. Remedial Designs**
- Funding Level
- Starts - # of Sites
- Underway - # of Sites
- Completions - # of Sites

- E. Remedial Action Construction**
- Funding Level
- Starts - # of Sites
- Underway - # of Sites
- Completions - # of Sites

- F. Remedial Action Operations**
- Funding Level
- Starts - # of Sites
- Underway - # of Sites
- Completions - # of Sites

**ENVIRONMENTAL RESTORATION PROGRAM
 FY ____ BUDGET ESTIMATE
 FUNDING BY WORK PHASE
Department/Activity
 (\$ in Thousands)**

	<u>PY</u> <u>Actual</u>	<u>CY</u> <u>Estimate</u>	<u>BY1</u> <u>Estimate</u>	<u>BY2</u> <u>Estimate</u>
G. Long Term Monitoring				
Funding Level				
Starts - # of Sites				
Underway - # of Sites				
Completions - # of Sites				
H. Potentially Responsible Party				
Funding Level				
Starts - # of Sites				
Underway - # of Sites				
Completions - # of Sites				
I. Building Demolition & Debris Removal				
Funding Level				
Starts - # of Sites				
Underway - # of Sites				
Completions - # of Sites				
J. Program Management And Support Funding Level				
Management ¹				
Workyears ²				
DSMOA ³				
ATSDR ⁴				
Fines				
TOTAL (All Appropriations)				
Funding Level				

1. Management includes program administrative costs such as travel, training, and other support costs.
2. Workyears: costs associated with workyears for DoD salaries.
3. Defense and State Memorandums of Agreement
4. Agency for Toxic Substance and Disease Registry

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

Reconciliation of Increases/Decreases

Amount

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/pay raise 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 (BY1) 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/pay raise 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 2 (BY2) Request

**ENVIRONMENTAL RESTORATION PROGRAM
 FY _____ BUDGET ESTIMATE
 OUTYEAR FUNDING BY PRIORITIES
Department/Activity
 (\$ in Thousands)**

	<u>BY2 + 1</u> <u>Estimate</u>	<u>BY2 + 2</u> <u>Estimate</u>	<u>BY2 + 3</u> <u>Estimate</u>	<u>BY2 + 4</u> <u>Estimate</u>
I. Installation Restoration Program				
A. Program Management & Support				
B. Hazardous and Petroleum Waste Products				
1. High Relative Risk				
2. Medium Relative Risk				
3. Low Relative Risk				
4. Not Evaluated				
5. Remedial Action Operations				
6. Long term Monitoring				
7. Potentially Responsible Party				
II. Other Hazardous Waste (UXO Cleanup)				
III. Building Demolition/Debris Removal				
Total Funding				

**ENVIRONMENTAL RESTORATION PROGRAM
 FY ____ BUDGET ESTIMATE
 OUTYEAR FUNDING BY PHASE
 DEPARTMENT/ACTIVITY**

(\$ in Thousands)

	<u>BY2 + 1</u> <u>Estimate</u>	<u>BY2 + 2</u> <u>Estimate</u>	<u>BY2 + 3</u> <u>Estimate</u>	<u>BY2 + 4</u> <u>Estimate</u>
A. Assessments				
B. Analysis/Investigations				
C. Interim Actions				
D. Remedial Designs				
E. Remedial Action Construction				
F. Remedial Action Operations				
G. Long Term Monitoring				
H. Potentially Responsible Party				
I. Building Demolition & Debris Removal				
J. Program Management and Support				
1. Management ¹				
2. Workyears ²				
3. DSMOA ³				
4. ATSDR ⁴				
5. Fines				

TOTAL

1. Management includes program administrative costs such as travel, training, and other support costs.
2. Workyears: costs associated with workyears for DoD salaries.
3. Defense and State Memorandums of Agreement (DSMOA)
4. Agency for Toxic Substance and Disease Registry (ATSDR)