

**VOLUME 2B, CHAPTER 13: “DEFENSE ENVIRONMENTAL RESTORATION”****SUMMARY OF MAJOR CHANGES**

Changes are identified in this table and also denoted by **blue** font.

Substantive revisions are denoted by an asterisk (\*) symbol preceding the section, paragraph, table, or figure that includes the revision.

Unless otherwise noted, chapters referenced are contained in this volume.

Hyperlinks are denoted by ***bold, italic, blue and underlined font.***

The previous version dated **October 2008** is archived.

<b>PARAGRAPH</b>	<b>EXPLANATION OF CHANGE/REVISION</b>	<b>PURPOSE</b>
All	Updated formatting to comply with the current administrative instructions.	Revision
All	Updated text throughout for clarity and to reflect updated office names.	Revision
1.1.1.1 – 1.1.1.5 (previous version)	Removed Defense Environmental Restoration Program goals.	Deletion
1.0	This paragraph was substantively revised to add an Overview, update the Purpose narrative, and add the required list of Authoritative Guidance information.	Revision/ Addition
2.0	Created paragraph to capture and update the definitions listed in paragraph 1.5 of the previous version.	Addition/ Revision
3.0	Moved and updated the Program and Budget Review Submission narratives listed in section 2.0 of the previous version.	Revision
4.0	Moved and updated the Congressional Justification/Presentation narratives listed in section 3.0 of the previous version. Removed ENV 30 Part 3 (Performance Metrics).	Revision
Appendix A	Modified and combined the ENV 30 Parts 1 and 2 and renamed it to match the previously modified ENV 30. Updated the instructions for completing the ENV 30; the definitions, and business rules to match the previously modified instructions, definitions, and data matrices.	Revision/ Addition
Appendix B	Added appendix for the data matrices.	Addition

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## CHAPTER 13

**DEFENSE ENVIRONMENTAL RESTORATION**

## \*1.0 GENERAL

## 1.1 Overview

The Military Departments and applicable Defense Agencies with Defense Environmental Restoration Program (DERP) requirements use transfer account appropriations to fund DERP-eligible cleanup activities at active installations and Formerly Used Defense Sites (FUDS) properties. General funding policies are available in [Volume 2A, Chapter 1](#). Base Realignment and Closure (BRAC) appropriations to fund cleanup activities are addressed in [Chapter 7](#).

## 1.2 Purpose

1.2.1. This chapter provides instructions applicable to program and budget formulation for the Department's combined Program and Budget Review and congressional justification for Environmental Restoration Account (ERA) appropriations. This chapter contains instructions for providing the programming, budgeting, and performance data necessary to meet reporting requirements, respond to congressional concerns, and conform to Office of Management and Budget (OMB) guidance to link the Department's budget to the DERP performance goals for active installations and FUDS properties. This chapter also provides additional specific guidance for the required DERP backup material.

1.2.2. The appropriations eligible to receive funds from the Defense Environmental Restoration Transfer Accounts and their corresponding source for specific policies are listed below.

Operation and Maintenance (O&M) – [Volume 2A, Chapter 3](#)

Procurement – [Chapter 4](#)

Research, Development, Test, and Evaluation (RDT&E) – [Chapter 5](#)

## 1.3 Authoritative Guidance

The Department's Environmental Restoration programs must comply with the requirements prescribed by this chapter, in accordance with the applicable provisions of:

1.3.1. Title 10, United States Code, Chapter 160, ([10 U.S.C. Ch 160](#)), "Environmental Restoration"

1.3.2. [31 U.S.C.](#), "Money and Finance"

1.3.3. [42 U.S.C. Ch 103](#), "Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA)"

1.3.4. Resource Conservation and Recovery Act of 1976 ([RCRA](#))

1.3.5. Title 40, Code of Federal Regulations, Part 300 ([40 CFR 300](#)), “National Oil and Hazardous Substances Pollution Contingency Plan”

1.3.6. [DoD Directive \(DoDD\) 4715.1E](#), “Environment, Safety, and Occupational Health (ESOH)”

1.3.7. [DoD Instruction \(DoDI\) 4715.07](#), “Defense Environmental Restoration Program (DERP)”

1.3.8. [DoD Manual \(DoDM\) 4715.20](#), “Defense Environmental Restoration Program (DERP) Management”

## \*2.0 DEFINITIONS

### 2.1 Installation Restoration Program (IRP)

The IRP sub-element identifies funding associated with sites that require response actions to address releases of hazardous substances and pollutants or contaminants; petroleum, oil, or lubricants (POL) that create an imminent and substantial endangerment to the public health or to the environment; hazardous wastes or hazardous waste constituents; explosive compounds released to soil, surface water, sediment, or groundwater as a result of ammunition or explosives production or manufacturing at ammunition plants; and funding for response activities to address unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC) posing an explosive, human health, or environmental hazard that are incidental to an existing IRP site. This sub-element also identifies funding associated with the demolition and removal of unsafe buildings and structures and the removal of unsafe debris that meet the DERP general eligibility requirements in DoDM 4715.20.

### 2.2 Management

The Management sub-element identifies administrative and overhead funding associated with the DERP that cannot be attributed to individual sites (e.g., manpower).

### 2.3 Military Munitions Response Program (MMRP)

The MMRP sub-element identifies funding associated with sites (referred to as munitions response sites (MRSs)) that are known or suspected to contain UXO, DMM, or MC; and funding for response activities to address releases eligible under the IRP category that are incidental to an existing MRS. This sub-element does not include funding for operational ranges, operating storage and manufacturing facilities, and munitions resulting from combat, or facilities that are used for or were permitted for the treatment or disposal of military munitions.

### \*3.0 PROGRAM AND BUDGET REVIEW SUBMISSION

#### 3.1 Guidance

This section provides guidance for the preparation and submission of the program [objective memorandum \(POM\)](#) and budget estimate submission (BES) for the DERP. The BES component consists of all O&M, Procurement, and [RDT&E](#) resources that support the DERP. The [Military Departments and applicable Defense Agencies](#) should consult all other relevant chapters for exhibit requirements that are not specifically addressed in this chapter, including Chapter 19, Other Special Analyses.

#### 3.2 Submission Requirements

[3.2.1.](#) Volume 2A, Chapter 1 provides general submission guidance, including format, preparation of material, and copy requirements. This chapter covers specific backup material requirements for the DERP. [Under the authority, direction, and control of the Under Secretary of Defense for Acquisition and Sustainment \(USD\(A&S\)\) and through the Deputy Assistant Secretary of Defense for Environmental Management and Restoration \(DASD\(EMR\)\), the Assistant Secretary of Defense for Energy, Installations, and Environment \(ASD\(EI&E\)\)](#) is responsible for [identifying all submission requirements to support the DERP](#). The [Military Departments and applicable Defense Agencies](#) are responsible for programming and budgeting for all cleanup requirements in their respective organizations.

[3.2.2.](#) The Department will collect both POM and BES data through the Select & Native Programming Data Input System (SNaP) process. For ERA appropriations, the Department will collect the Programming Data Requirements in the ENV 30 budget exhibit. In addition, the [Military Departments and applicable Defense Agencies](#) [must](#) develop separate narrative justification material (including program increases and decreases) for their respective programs as part of their POM/BES and [upload these materials in SNaP](#). [Under the authority, direction, and control of the USD\(A&S\) and through the DASD\(EMR\), the ASD\(EI&E\)](#) is responsible for [commenting on and compiling the ENV 30 budget exhibits and narrative justification materials for the FUDS ERA and the Defense-wide ERA, which include non-BRAC funding for the ASD\(EI&E\) and Defense Logistics Agency \(DLA\)](#).

[3.2.3.](#) The [Military Departments, applicable Defense Agencies, and the DASD\(EMR\)](#) will submit data in accordance with the annual Office of Under Secretary of Defense (Comptroller) (OUSD(C)) guidance. Generally, POM/BES data are due in August or September each year.

[3.2.4.](#) [In accordance with the schedule established by the DASD\(EMR\), the Military Departments and applicable Defense Agencies](#) must provide appropriate updates to their DERP data as required by DoDI 4715.07, for each site regarding status, schedule, and cost to complete (CTC). [The Military Departments and applicable Defense Agencies](#) will submit updated data to the official central DoD-wide system of record (hereinafter referred to as the “DERP information system”).

3.2.5. The Military Departments, applicable Defense Agencies, and the DASD(EMR) are also responsible for providing data to update the Next Generation Resource Management System (NGRMS) and the Future Years Defense Program (FYDP) automated systems for the various ERA appropriations as identified in Volume 2A, Chapter 1, and for updating the OP-32 exhibit (Summary of Price and Program Change) identified in Volume 2A, Chapter 3.

3.2.6. Appendices A and B contain instructions for completing the ENV 30 budget exhibit, along with definitions and data matrices.

#### \*4.0 CONGRESSIONAL JUSTIFICATION/PRESENTATION

##### 4.1 Guidance

This section provides guidance for the preparation and submission of the President's Budget data for the DERP to Congress. The President's Budget component consists of all O&M, Procurement, and RDT&E resources that support the DERP. The Military Department and applicable Defense Agencies should consult all other relevant chapters for exhibit requirements that are not specifically addressed in this chapter, including [Chapter 19](#), Other Special Analyses.

##### 4.2 Submission Requirements

4.2.1. The Military Departments, applicable Defense Agencies, and the DASD(EMR) will update SNaP immediately upon completion of the Resource Management Decisions and the Department's budget lock. In addition, the Military Departments and applicable Defense Agencies must provide the OUSD(C) with a revised narrative justification for their respective programs reflecting any changes from the POM/BES review. The SNaP system will format the data into congressional justification exhibits, which the Military Departments and applicable Defense Agencies can print out and include in their justification materials. Under the authority, direction, and control of the USD(A&S), through the DASD(EMR), the ASD(EI&E) is responsible for review, final approval, and consolidation of the congressional justification material and ENV 30 budget exhibits for the FUDS ERA and the Defense-wide ERA, which includes non-BRAC funding for the ASD(EI&E) and DLA.

4.2.2. The Military Departments, applicable Defense Agencies, and the DASD(EMR) will submit data in accordance with the annual OUSD(C) guidance. Generally, President's Budget data are due in January each year.

4.2.3. In accordance with the schedule established by the DASD(EMR), the Military Departments and applicable Defense Agencies must provide appropriate updates to their DERP data, reflecting any changes from the POM/BES review, as required by DoDI 4715.07 for each site regarding status, schedule, and CTC. The Military Departments and applicable Defense Agencies will submit updated data to the DERP information system.

4.2.4. The Military Departments, applicable Defense Agencies, and the DASD(EMR) are responsible for providing data to update the FYDP automated systems for the various ERA appropriations as identified in Volume 2A, Chapter 1, and for updating the OP-32 exhibit (Summary of Price and Program Change) identified in Volume 2A, Chapter 3.

4.2.5. Appendix A provides detailed instructions for completing the ENV 30 budget exhibit, along with definitions and business rules. Refer to the OUSD(C) annual guidance for any updates to these instructions.

4.2.6. Appendix B provides data matrix for DoDComponent, FundSource, ActivityCategory, and Activity Relationship.

## \*APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES

## ENV 30 DERA AND BRAC FUNDS FOR ENVIRONMENTAL CLEANUP

Class	FUDS	DoDComponent	FundSource	ActivityCategory	Activity	ResourceType	PY	EY	BY	BY+1	BY+2	BY+3	BY+4	BalanceToComplete
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## Instructions

- 1) The ENV 30 exhibit captures funding for DERP-eligible activities at IRP, MMRP, and Building Demolition/Debris Removal (BD/DR) sites, including site-specific requirements and program management; funding for BRAC Planning and Compliance activities; funds generated from the sale or lease of real property; obligations of prior year BRAC funds; reprogrammed funds; and the number sites funded or to be funded with the total obligational authority (TOA) for the activity in the applicable fiscal year.
- 2) Provide by DoD Component (Active, Defense Agency/Defense Wide, and BRAC), the total costs (TOA) and total number of sites funded or to be funded with the TOA by Fund Source, Activity Category, and Activity for the prior year (PY), execution year (EY), budget year (BY), BY+1 through BY+4, and the balance to complete (i.e., beyond the FYDP).
- 3) Report TOA in \$K (thousands) and the total number of sites in actual numbers. DO NOT report sites in thousands.
- 4) Only the Army will report FUDS data.
- 5) For Fund Sources “BRAC Planning” and “BRAC Compliance,” provide the number of installations in lieu of the number of sites. For Fund Sources “Environmental Restoration-Management,” “BRAC-Management,” “BRAC-Land Sale Revenue,” “BRAC-Prior Year Funds,” “Environmental Restoration-Reprogrammed Funds,” and “Environmental Restoration-Lease Proceeds,” reporting the total number of sites is not required.
- 6) BRAC Fund Sources include all rounds of BRAC.
- 7) Funding reported for the PY through BY+4 and the balance to complete should only include the reporting DoD Component’s program requirements and not the program requirements of another DoD Component (e.g., for Defense and State Memorandum of Agreement (DSMOA) funding, the Army should only report its DSMOA requirements and not those of the other DoD Components).
- 8) Include land sale revenue and prior year BRAC funds applied to each applicable activity in the TOA for the PY through BY+4 and the balance to complete. Report the total amount of land sale revenue and prior year BRAC funds applied to all activities for the PY through BY+4 and the balance to complete against the “Land Sale Revenue” and “Prior Year Funds” Fund Sources; SNaP will deduct these amounts from the BRAC totals to calculate the BRAC appropriated funding. Note that the land sale revenue and prior year BRAC funding for the PY should only include obligations that occurred during the PY and should not reflect the de-obligation of funds obligated in previous fiscal years. The de-obligation of funds obligated in previous fiscal years should be explained in accordance with the Word document requirement in paragraph 14.c below.



## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

- 9) Include proceeds from the lease of real property at non-BRAC excess locations applied to each applicable activity in the TOA for the PY through BY+4 and the balance to complete. Report the total amount of proceeds from the lease of real property at non-BRAC excess locations applied to all activities for the PY through BY+4 and the balance to complete against the “Lease Proceeds” Fund Source; SNaP will deduct these amounts from the Environmental Restoration totals to calculate the Environmental Restoration appropriated funding. The use of proceeds from the lease of real property should be explained in accordance with the Word document requirement in paragraph 14.c. below.
- 10) Use the “Reprogrammed Funds” line to identify funds returned to the transfer account during the PY; received from the transfer account during the PY; and received, or to be received, from the transfer account in the EY/BY that are above and beyond the annual appropriation. Report the total amount of reprogrammed funds applied to all activities in the TOA for the PY through the BY, as appropriate, against the “Environmental Restoration-Reprogrammed Funds” Fund Source; SNaP will deduct these amounts from the Environmental Restoration totals to calculate the Environmental Restoration appropriated funding. The reprogramming actions should be explained in accordance with the Word document requirement in paragraph 14.c. below.
- 11) Program adequate resources in each year of the FYDP to achieve program goals.
- 12) Provide to the ODASD(EMR) (in accordance with the ODASD(EMR) data call schedules) updated DERP data for each site regarding status, schedule, and CTC, as required by DoDI 4715.07.
- 13) Ensure the POM/BES and President’s Budget submissions contain sufficient funding to annually update the inventory of defense sites that are known or suspected to contain UXO, DMM, or MC, as required by section 2710(a) of Title 10 U.S.C. and as specified in DoDM 4715.20.
- 14) Provide a narrative in a Word document that includes the following information:
  - a) An explanation of any significant fluctuations (i.e., +/- 25% or more) in the funding for the PY and EY as compared to the funding for those two years in the previous year’s President’s Budget submission. In addition, provide an explanation of any significant fluctuations (i.e., +/- 25% or more) in the balance to complete as compared to the balance to complete in the previous year’s President’s Budget submission. Provide a separate explanation for each of the following: Under the IRP category, the Investigation Subtotal, the Remedial Action (RA) Subtotal, and the IRP Subtotal; under the MMRP category, the Investigation Subtotal, the RA Subtotal, and the MMRP Subtotal; the Compliance Total; and the Management Subtotal. Include the calculated percent change in PY and EY funding, and the balance to complete, for each subtotal and total, regardless of whether the fluctuations were significant.
  - b) An explanation of any significant program increases or decreases (i.e., +/- 25% or more) from the EY to BY. Provide a separate explanation for each of the following: Under the IRP category, the Investigation Subtotal, the RA Subtotal, and the IRP Subtotal; under the MMRP category, the Investigation Subtotal, the RA Subtotal, and the MMRP Subtotal; the Compliance Total; and the Management Subtotal. Include the calculated percent change from the EY to BY for each subtotal and total, regardless of whether the program increases or decreases were significant.
  - c) An explanation of all reprogramming actions (including funds returned to the transfer account in the PY); cost recovery; lease proceeds; land sale revenue; the use of prior year funds for cleanup work at BRAC locations; and the de-obligation of land sale revenue and prior year BRAC funds obligated in previous fiscal years and that are now available to address future requirements.

## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

- d) A justification of why there is a need for appropriated funding in the BY, if the available unobligated balance for the BY exceeds the amount in the budget request.
- e) An explanation of variances between the ENV 30 budget exhibit and the Environmental totals submitted in the BC-04 exhibit.

15) See Appendix A on the SNaP Website for reporting requirements for your organization.

## Definitions

**Class:** System Field: Classification

**C:** CONFIDENTIAL

**C/NF:** CONFIDENTIAL//NOFORN

**CUI:** CONTROLLED UNCLASSIFIED INFORMATION

**S:** SECRET

**S/NF:** SECRET//NOFORN

**U:** UNCLASSIFIED

**FUDS:** Closed List. Used by the Army to identify FUDS data.

*No*

*Yes*

**DoDComponent:** Closed List. Identifies the Military Department or Defense Agency whose data are presented on the exhibit. For the Military Departments, report by Active (including Guard and Reserve) and BRAC. The Defense Agencies should select "Defense Agency/Defense Wide." The Army will report FUDS.

**Active:** Used by the Military Departments and includes Active Guard and Reserve Components.

**BRAC:** Used by the Military Departments to report BRAC.

**DADW:** Defense Agency/Defense Wide. Used by non-service defense agencies.

**FundSource:**

**BRAC-Compliance:** Funded by the Base Realignment and Closure environmental sub-accounts within the MILCON appropriation. Includes funding for hazardous waste permits and other similar permits that are not associated with site cleanup. See DoDI 4715.06, *Environmental Compliance in the United States*.

**BRAC-IRP:** Funded by the Base Realignment and Closure environmental sub-accounts within the MILCON appropriation. Identifies funding associated with sites that require response actions to address releases of hazardous substances and pollutants or contaminants; POLs that create an imminent and substantial endangerment to the public health or to the environment; hazardous wastes or hazardous waste constituents; and explosive compounds released to soil, surface water, sediment, or groundwater as a result of ammunition or explosives production or manufacturing at ammunition plants; and response activities to address UXO, DMM, or MC posing an explosive, human health, or environmental hazard that are incidental to an existing IRP site.

## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

**BRAC-Land Sale Revenue:** Identifies funds recovered from the sale of real property and used to offset cleanup funding requirements.

**BRAC-Management:** Funded by the Base Realignment and Closure environmental sub-accounts within the MILCON appropriation. Identifies administrative and overhead funding associated with the DERP that cannot be attributed to individual sites (e.g., manpower). This sub-element excludes funding for requirements that are not associated with site cleanup, such as Compliance-related cleanup, hazardous waste and other similar permits, and National Environmental Policy Act (NEPA) activities.

**BRAC-MMRP:** Funded by the Base Realignment and Closure environmental sub-accounts within the MILCON appropriation. Identifies funding associated with sites (referred to as MRSs) that are known or suspected to contain UXO, DMM, or MC; and response activities to address releases eligible under the IRP category that are incidental to an existing MRS. This sub-element does not include funding for operational ranges, operating storage and manufacturing facilities, and munitions resulting from combat.

**BRAC-Planning:** Funded by the Base Realignment and Closure environmental sub-accounts within the MILCON appropriation. Includes funding for all NEPA requirements.

**BRAC-Prior Year Funds:** Identifies funds obligated/to be obligated from prior year BRAC appropriations.

**Environmental Restoration-IRP:** Funded by Environmental Restoration appropriations. Identifies funding associated with sites that require response actions to address releases of hazardous substances and pollutants or contaminants; POLs that create an imminent and substantial endangerment to the public health or to the environment; hazardous wastes or hazardous waste constituents; and explosive compounds released to soil, surface water, sediment, or groundwater as a result of ammunition or explosives production or manufacturing at ammunition plants; and response activities to address UXO, DMM, or MC posing an explosive, human health, or environmental hazard that are incidental to an existing IRP site. Also identifies funding associated with the demolition and removal of unsafe buildings and structures and the removal of unsafe debris that meet the DERP general eligibility requirements in DoDM 4715.20.

**Environmental Restoration-Lease Proceeds:** Identifies proceeds from the lease of real property at non-BRAC excess locations and used to offset cleanup funding requirements.

**Environmental Restoration-Management:** Funded by Environmental Restoration appropriations. Identifies administrative and overhead funding associated with the DERP that cannot be attributed to individual sites (e.g., manpower).

**Environmental Restoration-MMRP:** Funded by Environmental Restoration appropriations. Identifies funding associated with sites (referred to as MRSs) that are known or suspected to contain UXO, DMM, or MC; and response activities to address releases eligible under the IRP category that are incidental to an existing MRS. This sub-element does not include funding for operational ranges, operating storage and manufacturing facilities, and munitions resulting from combat, or facilities that are used for or were permitted for the treatment or disposal of military munitions.

**Environmental Restoration-Reprogrammed Funds:** Identifies funds returned to the transfer account during the PY; received from the transfer account during the PY; and received, or to be received, from the transfer account in the EY/BY that are above and beyond the annual appropriation.

## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

**ActivityCategory:** Closed List. The environmental activity category supporting the fund source.

*Compliance:*

*Investigation:*

*Land Sale Revenue:*

*Lease Proceeds:*

*Management:*

*Planning:*

*Post RA:*

*Prior Year Funds:*

*Remedial Action (RA):*

*Reprogrammed Funds:*

**Activity:** Closed List. The environmental activity associated to the activity category.

**Building Demolition/Debris Removal:** Refers to the demolition and removal of unsafe buildings and structures and the removal of unsafe debris that meet the DERP general eligibility requirements in DoDM 4715.20.

**Compliance:** Refers to activities associated with closure-related procedures necessary to achieve compliance with applicable Executive Orders and Federal, State, inter-state, regional, and local statutory and regulatory environmental requirements at BRAC locations.

**DSMOA:** Includes funding for State support under the DSMOA. Also includes funding for alternative approaches to the DSMOA for reimbursing costs of State DERP related services, in accordance with the requirements in DoDM 4715.20.

**EPA Funding:** Includes payments from the Navy to the U.S. Environmental Protection Agency (EPA) for support at Hunters Point.

**Interim Remedial Actions:** Refers to the interim remedial action (IRA) phase of cleanup. The IRA is a remedial action undertaken prior to the selection of the final remedy as a part of a larger remedy.

**Land Sale Revenue:** Identifies funds recovered from the sale of real property and used to offset cleanup funding requirements.

**Lease Proceeds:** Identifies proceeds from the lease of real property at non-BRAC excess locations and used to offset cleanup funding requirements.

**Long-Term Management:** Refers to the long-term management (LTM) phase of cleanup. LTM involves environmental monitoring, review of site conditions, and maintenance of a remedial action to ensure continued protection as designed once a site achieves Response Complete. LTM includes the operations and maintenance measures required to maintain the effectiveness of response actions. LTM should be used until no further environmental restoration response actions are appropriate or anticipated.

**Manpower - Contractor:** Includes funding that is not directly attributable to sites for contractor employees who support the management of the environmental cleanup program.

**Manpower - Government:** Includes funding that is not directly attributable to sites for government civilian employees who support the management of the environmental cleanup program.

## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

**Other:** Includes funding for all other Program Management requirements (i.e., management plans, base-wide studies, Information Technology, travel, training, Interstate Technology & Regulatory Council support, support for specialized technical issues, Agency for Toxic Substances and Disease Registry health assessments and health studies).

**Planning:** Refers to activities associated with the process of identifying and considering environmental factors that impact on, or are impacted by, planned DoD activities or operations at BRAC locations.

**Potentially Responsible Parties:** Refers to a site where DoD pursues a potentially responsible party when associated with the Investigation activity category. Refers to activities at a site where DoD may bear potential liability for hazards or hazardous substance releases along with other parties when associated with the RA activity category.

**Preliminary Assessment/Site Inspection:** Refers to the preliminary assessment (PA) and site inspection (SI) phases of cleanup. The PA is a review of existing information about a release such as information on pathways of exposure, exposure targets, and source and nature of release. The SI builds upon the PA and involves, as appropriate, on- and off-site field investigatory efforts including sampling.

**Prior Year Funds:** Identifies funds obligated/to be obligated from prior year BRAC appropriations.

**Project Closeout:** Refers to project closeout (PCO). PCO involves the shutting down/dismantling of remedial actions, seeking regulator concurrence, and closeout reports.

**Remedial Action Construction:** Refers to the remedial action construction (RA-C) phase of cleanup. The RA-C represents the period of time during which a response action is being implemented but is not yet operating as designed. At the end of this phase of work, a remedy is in place.

**Remedial Action Operations:** Refers to the remedial action operation (RA-O) phase of cleanup. The RA-O represents the period of time that a selected remedy must operate before achieving remedial action objectives. At the end of this phase of work, the response is complete.

**Remedial Design:** Refers to the remedial design (RD) phase of cleanup. The RD involves the development of the actual design of the selected remedy.

**Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents):** Refers to the remedial investigation (RI) and feasibility study (FS) phases of cleanup. The RI involves collecting data to characterize site conditions, determine the nature of the waste, assess risk to human health and the environment, and conduct treatability testing to evaluate the potential performance and cost of the treatment technologies that are being considered. The FS is the mechanism for the development, screening, and detailed evaluation of alternative remedial actions. Include the TOA associated with developing Records of Decision/Decision Documents with the TOA for the RI/FS phases.

**Reprogrammed Funds:** Identifies funds returned to the transfer account during the PY; received from the transfer account during the PY; and received, or to be received, from the transfer account in the EY/BY that are above and beyond the annual appropriation.

## APPENDIX A: INSTRUCTIONS, DEFINITIONS, AND BUSINESS RULES (continued)

**ResourceType:** Closed List. The type or resources (TOA or Number of Sites/Installations) associated to the Fund Source.

**Installations:** Total number of installations funded or to be funded for the activity with the TOA. Applies to the “BRAC-Planning” and “BRAC-Compliance” Fund Sources only.

**Sites:** Total number of sites funded or to be funded for the activity with the TOA.

**TOA:** Total funding required to complete the activity.

## Business Rules

- 1) For Fund Sources “Environmental Restoration-Management,” “BRAC-Management,” “BRAC-Land Sale Revenue,” “BRAC-Prior Year Funds,” “Environmental Restoration-Reprogrammed Funds,” and “Environmental Restoration-Lease Proceeds,” the reporting of the total number of sites is not required.
- 2) Only Army will provide “FUDS” data.
- 3) For DoD Components “Active” and “DADW,” the Activity “EPA Funding” must be blank when Fund Source “Environmental Restoration-Management” and Activity Category “Management” are selected. For DoD Components “BRAC” and “DADW,” the Activity “EPA Funding” must be blank when Fund Source “BRAC-Management” and Activity Category “Management” are selected by a DoD Component other than the Navy.

## \* APPENDIX B: DATA MATRICES

<b>DoDComponent</b>	<b>FundSource</b>	<b>ResourceType</b>
Active	Environmental Restoration-IRP	Sites
		TOA
	Environmental Restoration-Lease Proceeds	TOA
	Environmental Restoration-Management	TOA
	Environmental Restoration-MMRP	Sites
		TOA
Environmental Restoration-Reprogrammed Funds	TOA	
BRAC	BRAC-Compliance	Installations
		TOA
	BRAC-IRP	Sites
		TOA
	BRAC-Land Sale Revenue	TOA
	BRAC-Management	TOA
	BRAC-MMRP	Sites
		TOA
	BRAC-Planning	Installations
		TOA
BRAC-Prior Year Funds	TOA	
DADW	BRAC-Compliance	Installations
		TOA
	BRAC-IRP	Sites
		TOA
	BRAC-Land Sale Revenue	TOA
	BRAC-Management	TOA
	BRAC-MMRP	Sites
		TOA
	BRAC-Planning	Installations
		TOA
	BRAC-Prior Year Funds	TOA
	Environmental Restoration-IRP	Sites
		TOA
	Environmental Restoration-Lease Proceeds	TOA
	Environmental Restoration-Management	TOA
	Environmental Restoration-MMRP	Sites
TOA		
Environmental Restoration-Reprogrammed Funds	TOA	

APPENDIX B: DATA MATRICES (continued)

DoDComponent	FundSource	ActivityCategory	Activity	
Active	Environmental Restoration-IRP	Investigation	Potentially Responsible Parties	
			Preliminary Assessment/Site Inspection	
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)	
		Post RA	Long-Term Management	
			Project Closeout	
		Remedial Action (RA)	Building Demolition/Debris Removal	
			Interim Remedial Actions	
			Potentially Responsible Parties	
			Remedial Action Construction	
			Remedial Action Operations	
		Remedial Design		
		Environmental Restoration-Lease Proceeds	Lease Proceeds	Lease Proceeds
		Environmental Restoration-Management	Management	DSMOA
	Manpower - Contractor			
	Manpower - Government			
	Other			
	Environmental Restoration-MMRP	Investigation	Potentially Responsible Parties	
			Preliminary Assessment/Site Inspection	
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)	
		Post RA	Long-Term Management	
			Project Closeout	
		Remedial Action (RA)	Interim Remedial Actions	
			Potentially Responsible Parties	
			Remedial Action Construction	
			Remedial Action Operations	
			Remedial Design	
		Environmental Restoration-Reprogrammed Funds	Reprogrammed Funds	Reprogrammed Funds



APPENDIX B: DATA MATRICES (continued)

DoDComponent	FundSource	ActivityCategory	Activity
BRAC	BRAC-Compliance	Compliance	Compliance
	BRAC-IRP	Investigation	Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Project Closeout
			Interim Remedial Actions
			Remedial Action Construction
		Remedial Action (RA)	Remedial Action Operations
			Remedial Design
	BRAC-Land Sale Revenue	Land Sale Revenue	Land Sale Revenue
	BRAC-Management	Management	DSMOA
			EPA Funding
			Manpower - Contractor
			Manpower - Government
			Other
	BRAC-MMRP	Investigation	Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Long-Term Management
Project Closeout			
Remedial Action (RA)		Interim Remedial Actions	
		Remedial Action Construction	
		Remedial Action Operations	
BRAC-Planning	Planning	Planning	
BRAC-Prior Year Funds	Prior Year Funds	Prior Year Funds	
DADW	BRAC-Compliance	Compliance	Compliance
	BRAC-IRP	Investigation	Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Long-Term Management
Project Closeout			

APPENDIX B: DATA MATRICES (continued)

DoDComponent	FundSource	ActivityCategory	Activity
DADW (cont.)	BRAC-IRP (cont.)	Remedial Action (RA)	Interim Remedial Actions
			Remedial Action Construction
			Remedial Action Operations
			Remedial Design
	BRAC-Land Sale Revenue	Land Sale Revenue	Land Sale Revenue
	BRAC-Management	Management	DSMOA
			EPA Funding
			Manpower - Contractor
			Manpower - Government
			Other
	BRAC-MMRP	Investigation	Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Long-Term Management
			Project Closeout
		Remedial Action (RA)	Interim Remedial Actions
			Remedial Action Construction
			Remedial Action Operations
			Remedial Design
	BRAC-Planning	Planning	Planning
	BRAC-Prior Year Funds	Prior Year Funds	Prior Year Funds
	Environmental Restoration-IRP	Investigation	Potentially Responsible Parties
			Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Long-Term Management
Project Closeout			
Remedial Action (RA)		Building Demolition/Debris Removal	
		Interim Remedial Actions	
		Potentially Responsible Parties	
		Remedial Action Construction	
		Remedial Action Operations	
Remedial Design			

APPENDIX B: DATA MATRICES (continued)

DoDComponent	FundSource	ActivityCategory	Activity
DADW (cont.)	Environmental Restoration-Lease Proceeds	Lease Proceeds	Lease Proceeds
	Environmental Restoration-Management	Management	DSMOA
			Manpower - Contractor
			Manpower - Government
			Other
	Environmental Restoration-MMRP	Investigation	Potentially Responsible Parties
			Preliminary Assessment/Site Inspection
			Remedial Investigation/Feasibility Study (including Records of Decision/Decision Documents)
		Post RA	Long-Term Management
			Project Closeout
		Remedial Action (RA)	Interim Remedial Actions
			Potentially Responsible Parties
			Remedial Action Construction
	Remedial Action Operations		
	Remedial Design		
Environmental Restoration-Reprogrammed Funds	Reprogrammed Funds	Reprogrammed Funds	

**Subject Matter Experts (SMEs):** For questions regarding this exhibit, submit a SIRS Functional issue in SNaP, or contact the SME. A list of SMEs is available in SNaP by clicking the SME link on the Instructions/Data Requirements page.

**Technical Issues:** To report technical issues with the SNaP Website, submit a SIRS Technical issue in SNaP, or contact the Technical Staff. A list of the SNaP Technical personnel is available on the SNaP Home page (<https://snap.cape.osd.mil/>).