**Defense Environmental Information Technology Management (EITM) Program**



**Data Transmission Templates**

**for the Cleanup Module**

**President’s Budget Backup Data**

**Knowledge-Based Corporate Reporting System**

**(Unclassified)**

**FOUO**

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# Introduction

## KBCRS Overview

The Knowledge-Based Corporate Reporting System (KBCRS) is a web-based application providing access to data pertaining to environmental programs within the Department of Defense (DoD). The primary objectives of KBCRS are to provide authorized users with knowledge-based tools for extracting environmental program information and to support the various DoD environmental reporting needs. For the Defense Environmental Programs (DEP), some of these reporting functions include: generation of the Defense Environmental Restoration Program (DERP) portion of DoD’s Environmental Programs Annual Report to Congress (ARC); quality assurance portions of the financial liability statements; Environmental Management Reviews; and numerous other departmental reporting needs.

The DERP portion of the DEP ARC summarizes environmental restoration information for each DoD Component. The following DoD Component organizations are required to submit environmental restoration data to KBCRS:

* United States Army
* United States Navy
* United States Air Force
* Defense Logistics Agency (DLA)
* Formerly Used Defense Sites (FUDS).

## Purpose of this Document

A key requirement of KBCRS is that all DoD Components submit their data using a uniform format. This provides consistency not only in data reporting from the DoD Components, but also in error handling, data validation, and data loading. This document describes only the data to be submitted to KBCRS and does not describe the full KBCRS database.

This document describes the data content and formatting requirements for submitting the President’s Budget backup data to KBCRS. Data are submitted in tables, each containing a defined set of information. This document describes the format, content, and organization of each table requested by the Office of the Deputy Assistant Secretary of Defense for Environment, Safety and Occupational Health (ODASD(ESOH)). Schedules and specific requirements for data submissions (i.e., which tables to submit and when) vary from year to year and will be specified in memoranda and/or directives issued by ODASD(ESOH).

# The KBCRS Database

The KBCRS consolidated database contains DERP data from 1997 through the current fiscal year (FY). The database includes two types of tables: primary tables and reference tables.

**Primary Tables:** The Primary Tables contain DERP data submitted by the DoD Components and data derived from the DoD Component data. Data contained in primary tables pertain to environmental cleanup activities at DoD installations.

**Reference Tables:** The Reference Tables contain KBCRS static data or standard attribute values. Reference Tables are typically “lookup” tables that define codes contained in the Primary Tables (for example, the state code “VA” is defined as “Virginia” in the state code reference table). Since Reference Tables contain lists of the valid codes used in the KBCRS database, they assist in data validation (for example, a state code which does not appear in the state code reference table would be considered invalid).

**Database Structure:** The KBCRS database is a relational database implemented with Oracle™ technologies.

# Data Processing Overview

## Data Calls

Each year, there are usually four data calls:

* Mid-Year Review – occurring in August or September
* Financial Liabilities Backup – occurring in October
* Installation and Site – occurring in November
* President’s Budget Backup – occurring in December or January.

There are separate Data Template documents for each data call. This document only addresses the President’s Budget backup data call.

For the President’s Budget backup data call, the DoD Components are required to submit data describing their DERP funding. These data are evaluated during the Environmental Management Reviews. The information also serves to address other needs throughout the year, including special requests from the Office of the Secretary of Defense (OSD) and ad hoc requests made directly through the KBCRS Web site or by ODASD(ESOH).

To initiate the data calls, ODASD(ESOH) issues a data call memorandum and/or schedules a series of meetings with the DoD Component Points of Contact (POCs) and develops task schedules for the key activities required to meet DoD’s environmental reporting needs. The data call memorandum and/or task schedules specify data submission due dates, the required data tables, and other activities as necessary.

The DoD Components are responsible for extracting the appropriate data from their source systems and providing it to ODASD(ESOH) in the standardized format specified in this document. If the data require reformatting or translation from the source systems, the DoD Components are responsible for performing the reformatting and/or translation into the required standards.

## Data Validation and Correction

Once data are submitted to ODASD(ESOH) in the prescribed formats, they are processed through a set of “Quality Assurance (QA) Filters” – validation software – and loaded into a staging area of the KBCRS database (StAR, or Staging of Annual Reports). Access to the staging area is highly restricted, preventing unauthorized access to the data.

The Templates define a standard set of specifications which describe how the submitted data should be formatted, including media type, file format, and data structure. The QA Filters are a series of programs which perform various data quality checks, such as date range comparisons, conformity to field length requirements, code validity, and validity of data relationships. If the Filters detect any errors, an Exception Report is generated and posted to the Stage section of the KBCRS Web site for the appropriate DoD Component to resolve. The DoD Component staff is responsible for error correction and resubmission of the corrected data.

## Data Review and Approval

The KBCRS StAR Web site provides access to a series of on-line queries to allow the authorized DoD Components and DoD staff to review the submitted President’s Budget backup data for accuracy and completeness. As these reports are reviewed, if additional data corrections are necessary, the corrections are sent to ODASD(ESOH) (or its designee) as updates from the DoD Components. All updates must be submitted using the data formats specified in these Templates.

Once ODASD(ESOH) provides Congress with the DEP ARC, the data will be moved from the Stage area of KBCRS to the Approved area.

# Data Submission Templates

The KBCRS Data Submission Templates and Quality Assurance (QA) Filters provide a single standard for all DoD Components and thus provide consistency not only in data reporting from the DoD Components, but also in error handling, data validation, and data loading.

## General Requirements

* All data must be submitted via the Upload tab on the KBCRS Web site.
* The preferred file format for data submission is an Oracle™ dump. Other acceptable file formats include MS Access™ databases and MS Excel™ spreadsheets. Large data files may be zipped and uploaded to KBCRS. Other formats are not acceptable without prior approval of ODASD(ESOH).
* Regardless of the file format used, the data layout (table contents, column names, and data types and lengths) must be consistent and must meet the criteria described in this document. All columns (fields) for a table specified in this document must be supplied. Table records must be generated at the appropriate level in the data hierarchy and must not, except where specifically indicated, include duplicate record keys (a row in Excel will correspond to a record in Oracle or MS Access; a column in Excel will correspond to a column in Oracle or a field in MS Access). Columns listed as Optional may be empty; but the column must still be included in the data layout and must be the correct datatype, so that all records received from all the DoD Components are consistent in format.
* If there are data that are not available because the DoD Component does not track that specific data element or because that data element is optional in the DoD Component source system, the DoD Component should still include the column and simply leave the column blank. The DoD Components are urged to contact ODASD(ESOH) and/or the KBCRS support team whenever any data template questions arise.
* Data submission schedules are published by ODASD(ESOH) for each data call. The DoD Components must adhere to the schedules.
* Contacts at ODASD(ESOH) and at the KBCRS support team’s offices will be supplied to the DoD Components at the time of the data call.

## Data Validation

One objective of implementing standardized data templates is to minimize the amount of error correction that is performed after data are submitted to KBCRS. The “Validation” column of the data descriptions in this document describes the data validations that are performed by KBCRS. To the maximum extent possible, these validations should be duplicated by the source systems, either in their data load/maintenance functions or in the programs used to extract and format data for loading into KBCRS.

Many data elements contain coded data. Reference Tables within KBCRS contain the valid codes and their definitions. When a data element is validated through a reference table, the DoD Component must supply a value that is contained in the reference table. If a DoD Component believes that a new value needs to be added to an existing reference table, the change must be communicated to ODASD(ESOH) in advance for approval and so that the reference table may be updated. ODASD(ESOH) will then communicate this change to all DoD Components.

The following general validations are performed by the QA filters:

* Date values must represent valid values in the specified format.
* End dates must be later than (or equal to) their corresponding start dates.
* Codes specified as being from a reference table must be actual values in the table.
* Numeric fields must not contain non-numeric data.
* All data must be supplied in the specified length and format.
* Except where expressly stated as valid, there must not be duplicate record keys in a given data file.
* Records at lower levels in the data structure must have corresponding entries in the higher levels (for example, site records must have corresponding installation records). Key relationships are noted in the “Validation” column in this document.

DoD Component data which do not meet the specified validation criteria will be rejected and must be corrected and resubmitted by the DoD Component. If errors are detected, an Exception Report is generated and posted to the KBCRS Staging Web site for the appropriate DoD Component to resolve.

## Datatypes

The datatype specifies whether the data in a specific Oracle column is character or number. The specified datatype should be used when data are submitted to KBCRS in an Oracle format. DoD Components using Access or Excel should use an equivalent format. The KBCRS Oracle datatypes are:

NUMBER This datatype stores numeric data. The length (which may include decimal places) follows the datatype, such as number(8) or number(10,2). Number(8) indicates a whole number with no decimal places. Number(10,2) indicates a length of 10, with 2 decimal places.

VARCHAR2 This datatype stores variable length character (text) data. The length follows the datatype, such as varchar2(10).

Note that dates supplied by the DoD Components to KBCRS are not in the Oracle date format, but rather are supplied in Number format. When “YYYY” is specified in the date field, the year is the fiscal year unless a calendar year is specifically requested. Especially when using Excel spreadsheets or MS Access databases, be sure to format dates as numeric fields, not date fields.

## Changes to Data Templates

Because reporting requirements change over time, it will be necessary to make changes to the data templates to reflect the new requirements. Every effort will be made to communicate these changes with sufficient lead time to allow the DoD Components to modify their data extraction routines in time for the data call affected by the changes.

## Detailed Table Layouts

This section describes the Primary (Non-Reference) KBCRS Cleanup Tables. Table constraints are used to maintain Referential Integrity. For example, all Cleanup tables are a branch of the Installation table, which has a primary key of Installation Identifier. Therefore, data cannot be added to any other Cleanup table unless the Installation Identifier already exists in the Installation table. Likewise, there are several tables that are a branch of the Environmental Restoration Site table, which has a primary key of Installation Identifier and Site Identifier. Constraints also exist between the Environmental Restoration Site table and its related branch tables. The primary key for a table is indicated by PK.

### Environmental Restoration Site Funding (ENVST\_FND)

The Environmental Restoration Site Funding table (envst\_fnd) contains the funding information required for cleanup at a Restoration Site. The funds are reported by site and phase, and include dollar amounts in thousands.

| **Column Name** | **Datatype & Length** | **Key** | **Description** | **Validation** |
| --- | --- | --- | --- | --- |
| ins\_id | varchar2(14) | PK | Installation Identifier. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the site. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| env\_site\_id | varchar2(20) | PK | Environmental Site Identifier. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the site belongs. See Glossary for details. | Must not be blank. Must be “BRAC” or “DERA”. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| envstph\_cd | varchar2(7) | PK | Identifies the Environmental Restoration Site cleanup phase. | Must not be blank. Must be in the [P\_PHASES](#_P_PHASES) reference table. |
| fund\_seq\_nbr | number(5) | PK | Fund Sequence Number. A system generated unique number to allow multiple fund records when multiple instances of the same phase are funded for the same site (e.g., multiple interim remedial action [IRA] phases that each have separate funding). | No validation. If blank, KBCRS will system generate. |
| fund2\_src\_cd | varchar2(4) |  | Fund source code. Identifies the program for which the costs are reported, for the DoD Component providing the funding. | Must be “BRAC” or “DERA”. If blank, KBCRS defaults to the value in fund\_src\_cd. |
| fund\_comp\_id | varchar2(4) |  | The identifier of the DoD Component providing the funding. | Must not be blank. Must be in the [COMPONENT](#_COMPONENT) reference table. |
| brac\_rnd\_cd | varchar2(3) |  | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the site was impacted by BRAC. For installations included in multiple BRAC rounds, use the appropriate BRAC round for each site. | Blank for DERA sites. For BRAC, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| envst\_fnd\_f\_am | number(10) |  | The amount of funding applied to the site in FY2015. Do not include land sale revenue and prior year BRAC funds applied to the site in FY2015. | Must be greater than or equal to zero. Represents thousands of dollars, uninflated. |
| envst\_fnd\_f1\_am | number(10) |  | The amount of funding to be applied to the site in FY2016. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2016. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f2\_am | number(10) |  | The amount of funding to be applied to the site in FY2017. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2017. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f3\_am | number(10) |  | The amount of funding to be applied to the site in FY2018. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2018. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f4\_am | number(10) |  | The amount of funding to be applied to the site in FY2019. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2019. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f5\_am | number(10) |  | The amount of funding to be applied to the site in FY2020. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2020. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f6\_am | number(10) |  | The amount of funding to be applied to the site in FY2021. Include land sale revenue and prior year BRAC funds to be applied to the site in FY2021. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envstfnd\_ctc\_am | number(10) |  | The amount of funding to be applied to the site from FY2022 through completion. Include land sale revenue and prior year BRAC funds to be applied to the site from FY2022 through completion. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_deobl\_f\_am | number(10) |  | The amount of funding obligated at a site for a phase in a prior year data submission, but deobligated in FY2015. For example, the DoD Component determined funds were not required at a site for a phase which was previously reported; or contract work was completed for less than the amount awarded and the additional funds were recaptured and applied to other cleanup work. | May be blank. If provided, must be greater than or equal to zero. Represents thousands of dollars, uninflated. If funds from more than one fiscal year are deobligated in FY2015 for an installation, site, and phase combination, the amounts must be summed and reported as one number. If provided, envst\_deobl\_f\_tx must not be blank. |
| envst\_deobl\_f\_tx | varchar2(250) |  | The text which identifies the fiscal year(s) and amount(s) of funds (by fiscal year) which were obligated at a site for a phase in a prior year data submission and have been deobligated in FY2015. | Must be blank if envst\_deobl\_f\_am is zero or blank. Must be provided if envst\_deobl\_f\_am is provided. If funds from more than one fiscal year are deobligated in FY2015, the text must specify the specific amount deobligated and for which fiscal years. |
| envst\_addobl\_f\_am | number(10) |  | The amount of funding obligated at a site for a phase in FY2015 which is above and beyond the funding appropriated during the normal budgetary process. Includes reobligation of deobligated funds, reprogramming of funds, funds generated from land sale revenue, special appropriations from the U. S. Environmental Protection Agency (EPA), other special appropriations for a specific installation(s), and the obligation of prior year BRAC funds in FY2015. | May be blank. If provided, must be greater than or equal to zero. Represents thousands of dollars, uninflated. If additional funds obligated in FY2015 for an installation, site, and phase combination are from more than one fiscal year, the amounts must be summed and reported as one number in envst\_addobl\_f\_am. If provided, envst\_addobl\_f\_tx must be provided. |
| envst\_addobl\_f\_tx | varchar2(250) |  | The text which identifies the fiscal year(s) and amount(s) of funds (by fiscal year) which were obligated at a site for a phase in FY2015, above and beyond the funding appropriated during the normal budgetary process. | Must be blank if envst\_addobl\_f\_am is zero or blank.  Must be provided if envst\_addobl\_f\_am is provided.  If funds above and beyond the funding appropriated during the normal budgetary process are obligated in FY2015, and those funds are from more than one fiscal year, the text must specify the specific amounts obligated and for which fiscal years. |
| envst\_ph\_prog\_cd | varchar2(1) |  | Indicates whether the site is an Installation Restoration Program (IRP) site, Building Demolition/ Debris Removal (BD/DR) site, or munitions response site (MRS). | Must not be blank. Must be in the [ENVST\_PH\_PROG](#_ENVST_PH_PROG) reference table. |
| fndinfo\_appr\_cd | varchar2(6) |  | Appropriation account code. | If provided, must be in the [FNDINFO\_APPR](#_FNDINFO_APPR)  reference table If blank, KBCRS defaults to MILCON for BRAC sites and O&M for DERA sites. |
| comp\_ins\_id | varchar2(14) |  | A secondary identifier for an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |
| comp\_env\_site\_id | varchar2(20) |  | A secondary identifier for a site on an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |

### Environmental Restoration Site Funding Project Management (ENVST\_FND\_PROJ\_MGT)

The Environmental Restoration Site Funding Project Management (envst\_fnd\_proj\_mgt) table contains the program management funding information for Cleanup. These costs may pertain to multiple installations and/or sites.

| **Column Name** | **Datatype & Length** | **Key** | **Description** | **Validation** |
| --- | --- | --- | --- | --- |
| ins\_id | varchar2(14) | PK | Installation Identifier or non-specific identifier. | If provided, must be a length of 14. May be a valid Installation Identifier as described in the Glossary OR a non-specific Identifier as determined by the DoD Component. If blank, KBCRS defaults to “NO FFID0000000”. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation(s). | Must not be blank. Must be in the [COMPONENT](#_COMPONENT) reference table. Corresponds to the DoD Component submitting the data. |
| env\_site\_id | varchar2(20) | PK | Environmental Site Identifier or non-specific identifier. | May be a valid Environmental Site Identifier as described in the Glossary OR a non-specific Identifier as determined by the DoD Component. If blank, KBCRS defaults env\_site\_id to the phase code. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program for which the costs are reported. See Glossary for details. | Must not be blank. Must be “BRAC” or “DERA”. |
| envstph\_cd | varchar2(7) | PK | Identifies the Environmental Restoration Site cleanup phase. | Must not be blank. Must be in the [P\_PHASES](#_P_PHASES) reference table. The “MISSION” phase is only valid for BRAC. |
| brac\_rnd\_cd | varchar2(3) |  | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the installation(s) is included. For installations included in multiple BRAC rounds, the first BRAC round is used. | Must be blank for DERA installations. May be blank for BRAC installations. If provided, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| envst\_fnd\_f\_am | number(10) |  | The amount of funding applied to the installation(s)/site(s) in FY2015. Do not include land sale revenue and prior year BRAC funds applied to the installation(s)/site(s) in FY2015. | Must be greater than or equal to zero. Represents thousands of dollars, uninflated. |
| envst\_fnd\_f1\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2016. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2016. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f2\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2017. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2017. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f3\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2018. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2018. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f4\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2019. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2019. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f5\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2020. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2020. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_fnd\_f6\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) in FY2021. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) in FY2021. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envstfnd\_ctc\_am | number(10) |  | The amount of funding to be applied to the installation(s)/ site(s) from FY2022 through completion. Include land sale revenue and prior year BRAC funds to be applied to the installation(s)/site(s) from FY2022 through completion. | Must be greater than or equal to zero. Represents thousands of dollars, inflated. |
| envst\_deobl\_f\_am | number(10) |  | The amount of funding obligated at an installation(s) (and site(s), if applicable) for a program management activity in a prior year data submission, but deobligated in FY2015. For example, the DoD Component determined funds were not required at an installation(s) (and site(s), if applicable) for a program management activity which was previously reported. | May be blank. If provided, must be greater than or equal to zero. Represents thousands of dollars, uninflated. If funds from more than one fiscal year are deobligated in FY2015 for an installation(s) (and site(s), if applicable) and phase combination, the amounts must be summed and reported as one number in envst\_deobl\_f\_am. If provided, envst\_deobl\_f\_tx must be provided. |
| envst\_deobl\_f\_tx | varchar2(250) |  | The text which identifies the fiscal year(s) and amount(s) of funds (by fiscal year) which were obligated at an installation(s) (and site(s), if applicable) for a program management activity in a prior year data submission and have been deobligated in FY2015. | Must be blank if envst\_deobl\_f\_am is zero or blank. Must be provided if envst\_deobl\_f\_am is provided. If funds from more than one fiscal year are deobligated in FY2015, the text must specify the specific amount deobligated and for which fiscal years. |
| envst\_addobl\_f\_am | number(10) |  | The amount of funding obligated at an installation(s) (and site(s), if applicable) for a program management activity in FY2015 which is above and beyond the funding appropriated during the normal budgetary process. Includes reobligation of deobligated funds, reprogramming of funds, funds generated from land sale revenue, special appropriations from EPA, other special appropriations for a specific installation(s), and the obligation of prior year BRAC funds in FY2015. | May be blank. If provided, must be greater than or equal to zero. Represents thousands of dollars, uninflated. If additional funds obligated in FY2015 for an installation(s) (and site(s), if applicable) and phase combination are from more than one fiscal year, the amounts must be summed and reported as one number in envst\_addobl\_f\_am. If provided, envst\_addobl\_f\_tx must be provided. |
| envst\_addobl\_f\_tx | varchar2(250) |  | The text which identifies the fiscal year(s) and amount(s) of funds (by fiscal year) which were obligated at an installation(s) (and site(s), if applicable) for a program management activity in FY2015, above and beyond the funding appropriated during the normal budgetary process. | Must be blank if envst\_addobl\_f\_am is zero or blank.  Must be provided if envst\_addobl\_f\_am is provided.  If funds above and beyond the funding appropriated during the normal budgetary process are obligated in FY2015, and those funds are from more than one fiscal year, the text must specify the specific amounts obligated and for which fiscal years. |
| comp\_ins\_id | varchar2(14) |  | A secondary identifier for an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |
| comp\_env\_site\_id | varchar2(20) |  | A secondary identifier for a site on an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |

### Cost-to-Complete Change (CTC\_CHG)

The Cost-to-Complete (CTC) Change table (ctc\_chg) captures CTC changes of 10 percent or greater from the prior year (in which the change was also $25,000 or more, excluding inflation and work completed) at an Environmental Restoration Site, and the reasons for the changes.

| **Column Name** | **Datatype & Length** | **Key** | **Description** | **Validation** |
| --- | --- | --- | --- | --- |
| ins\_id | varchar2(14) | PK | Installation Identifier. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the site. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| env\_site\_id | varchar2(20) | PK | Environmental Site Identifier. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the site belongs. See Glossary for details. | Must not be blank. Must be “BRAC” or “DERA”. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| ctc\_chg\_rsn\_cd | varchar2(2) | PK | Identifies the reason for CTC changes of 10 percent or greater at a site from the prior year estimate (in which the change was also $25,000 or more, excluding inflation and work completed). If there are multiple reasons for a change that make a significant contribution to the total CTC change, each of the reasons and the associated amount must be provided. | Must not be blank. Must be in the [P\_CTC\_CHG](#_P_CTC_CHG) reference table. |
| ctc\_chg\_am | number(10) |  | The amount the CTC changed from the prior year estimate for the reason selected, in thousands of dollars. | Must not be blank or zero. Must be greater than zero if the CTC increased and less than zero if the CTC decreased. |
| fund2\_src\_cd | varchar2(4) |  | Fund source code. Identifies the program for which the costs are reported, for the DoD Component providing the funding. | Must be “BRAC” or “DERA”. If blank, KBCRS defaults to the value in fund\_src\_cd. |
| fund\_comp\_id | varchar2(4) |  | The identifier of the DoD Component providing the funding. | Must not be blank. Must be in the [COMPONENT](#_COMPONENT) reference table. |
| brac\_rnd\_cd | varchar2(3) |  | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the site was impacted by BRAC. For installations included in multiple BRAC rounds, use the appropriate BRAC round for each site. | Blank for DERA sites. For BRAC, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| envst\_ph\_prog\_cd | varchar2(1) |  | Indicates whether the site is an IRP site, BD/DR site, or MRS. | Must not be blank. Must be in the [ENVST\_PH\_PROG](#_ENVST_PH_PROG) reference table. |
| comp\_ins\_id | varchar2(14) |  | A secondary identifier for an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |
| comp\_env\_site\_id | varchar2(20) |  | A secondary identifier for a site on an installation or property, assigned and maintained by the DoD Component source system. | May be blank. |

# Summary: Data Loading and Exception Handling

Each DoD Component will submit data via the Upload tab on the KBCRS Web site. ODASD(ESOH), in conjunction with the KBCRS support team, will attempt to load the data into the staging area of the KBCRS database. As data are loaded, tables may be identified as missing, in the wrong format, or other errors may be detected. The DoD Component POCs will be notified of any errors encountered and exception reports will be posted in the Stage section of the KBCRS Web site. **The DoD Components are responsible for correcting any errors and resubmitting the updated data to ODASD(ESOH).** ODASD(ESOH) staff will be available to answer questions and to provide clarification, but will not perform any actual error correction unless approved by ODASD(ESOH) management.

After the President’s Budget backup data have been loaded into the KBCRS staging area and the summary data are generated, the DoD Component POCs will be able to review the data in the Stage section of the Web site and run trial reports to review the data. The trial reports include the Appendix reports (for IRP sites and MRSs) and other validation reports. Based on this review, additional changes may be necessary. When the DoD Component POCs submit corrections based on this type of review, they should communicate with ODASD(ESOH) and explain the nature of the change. It will not be necessary to resubmit *all* data, only *modified* tables. **All of the data submitted, whether in the initial data submission or in changes, must be in the formats specified in this document**.

Data will not be moved from the KBCRS staging area to the production area until the final DEP ARC has been delivered to Congress. As a general rule, the DoD Component staff will be able to view the detailed data for their own DoD Component only. ODASD(ESOH) will have access to data for all DoD Components. KBCRS has been developed with the capability to limit access to data in numerous different ways (e.g., by DoD Component, by state).

# Glossary

env\_site\_id Environmental Site Identifier. A unique name given to a distinct area of an installation, containing one or more releases or threatened releases of hazardous substances, treated as a discreet entity or consolidated grouping for response purposes. This includes any building, structure, impoundment, landfill, storage container, or other site or area where a hazardous substance was or has come to be located, including formerly used sites eligible for BD/DR Program. Installations may have more than one site. The maximum length of the env\_site\_id is 20 characters. There is no standard format for KBCRS; except that the env\_site\_id may not be blank (except in the Environmental Restoration Site Funding Project Management table (ENVST\_FND\_PROJ\_MGT)).

fund\_src\_cd Fund source code. A code that identifies the program to which an installation, site, or property primarily belongs. Active military installations and FUDS properties are identified as “DERA” and installations included in one of the five BRAC rounds are identified as “BRAC”.

ins\_id Installation Identifier. Also known as the Federal Facility Identification (FFID) number. The ins\_id is a unique identifier assigned to an installation or property. The 14 character string is used in KBCRS as the key column for most primary tables and to track all associated records for an installation or property. The ins\_id string is composed of four parts in the following order:

State/territory/political unit – An alphanumeric code that identifies the state or territory where the installation or property is located. This code is the first two characters of the ins\_id and usually consists of the standard U.S. Post Office abbreviation (See [US\_ST](#_US_ST) reference table).

EPA Region number – This code identifies the EPA region where the installation or property is located, or the EPA region administratively responsible for conducting or overseeing response activity at the installation or property. This code is the third character of the ins\_id (See [GEO\_RGN](#_GEO_RGN) reference table).

Service/agency component and major command code – This code uniquely identifies the Service or agency that has primary responsibility for an installation or property. The code is the 4th - 7th characters in the ins\_id. (X = Service defined)

Service Code

U.S. Army 21XX

U.S. Navy 17XX

U.S. Air Force 57XX

DLA 9715

FUDS 9799

Property number – This number is assigned by the General Services Administration (GSA) for an installation. This code is the final seven characters of the ins\_id. If ins\_ids with only 12 characters are provided, KBCRS will add zeros for the 13th and 14th characters.

# Reference Tables

The KBCRS reference tables maintain the valid codes and descriptions in KBCRS. Most of the codes are compiled from DoD Standards, the EPA, and FIPS (Federal Information Processing Standards). Table constraints are used to maintain Referential Integrity. Constraints exist between the reference table and any primary table containing the reference table key attributes. Therefore, records are added to a primary table only if the primary record contains the standard data. The primary key for a table is indicated by PK.

## COMPONENT

The Component reference table (component) contains the valid codes, names, and abbreviations for a DoD Component (i.e., Service or Agency).

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. |
| comp\_nm | varchar2(50) |  | Name associated to a DoD Component Identifier. |
| comp\_abbr\_cd | varchar2(10) |  | Abbreviation associated to a DoD Component Name. |
| comp\_sort\_cd | number(1) |  | Sort order, used for reporting purposes. |

Table Contents:

| **comp\_id** | **comp\_nm** | **comp\_abbr\_cd** | **comp\_sort\_cd** |
| --- | --- | --- | --- |
| 2100 | ARMY | ARMY | 1 |
| 5700 | AIR FORCE | AF | 4 |
| 1700 | NAVY | NAVY | 2 |
| 1730 | MARINE CORPS | MC | 3 |
| 9600 | U.S. ARMY CORPS OF ENGINEERS | USACOE |  |
| 9700 | DEPARTMENT OF DEFENSE | DOD |  |
| 9705 | NATIONAL SECURITY OFFICE | NSO |  |
| 9712 | DEFENSE AUDIT SERVICE | DAS |  |
| 9714 | DEFENSE THREAT REDUCTION AGENCY | DTRA | 6 |
| 9715 | DEFENSE LOGISTICS AGENCY | DLA | 5 |
| 9716 | DEFENSE MAPPING AGENCY | DMA |  |
| 9717 | DEFENSE INTELLIGENCE AGENCY | DIA |  |
| 9718 | DEFENSE INVESTIGATIVE SERVICE | DIS |  |
| 9721 | DEFENSE COMMUNICATIONS AGENCY | DCA |  |
| 9722 | DEFENSE CONTRACT AUDIT AGENCY | DCAA |  |
| 9799 | FORMERLY USED DEFENSE SITES | FUDS | 7 |

## ENVST\_PH\_PROG

The Environmental Restoration Site Funding Program reference table (envst\_ph\_prog) contains the valid codes and names for the major categories for the DERP program areas. The code for Compliance (“C”) is only valid for the Environmental Restoration Site Funding Project Management (envst\_fnd\_proj\_mgt) table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| envst\_ph\_prog\_cd | varchar2(1) | PK | Environmental Restoration Site program area type, which indicates whether the site is an IRP site, BD/DR site, or MRS. |
| envst\_ph\_prog\_nm | varchar2(50) |  | Name associated to an Environmental Restoration Site program area type. |

Table Contents:

|  |  |
| --- | --- |
| **envst\_ph\_prog\_cd** | **envst\_ph\_prog\_nm** |
| B | BD/DR – Building Demolition and Debris Removal |
| C | Compliance – Project Management Funding only |
| I | IRP – Installation Restoration Program |
| M | MMRP – Military Munitions Response Program |

## FNDINFO\_APPR

The Fund Information Appropriation reference table (fndinfo\_appr) contains the valid codes and names for a budget line item from Congress that designates the monetary use.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| fndinfo\_appr\_cd | varchar2(8) | PK | Indicates the budget line item from Congress that designates the monetary use. |
| fndinfo\_appr\_nm | varchar2(40) |  | Name associated to the appropriation code. |
| fndinfo\_appr\_gp\_cd | varchar2(6) |  | The group that categorized the appropriation code. |

Table Contents:

| **fndinfo\_appr\_cd** | **fndinfo\_appr\_nm** | **fndinfo\_appr\_gp\_cd** |
| --- | --- | --- |
| APAF | Aircraft Procurement, Air Force | PROC |
| MILCON | Military Construction | MILCON |
| MPAF | Missile Procurement, Air Force | PROC |
| O&M | Operations & Maintenance | O&M |
| OPA | Other Procurement, Army | PROC |
| OPAF | Other Procurement, Air Force | PROC |
| OPN | Other Procurement, Navy | PROC |
| OTHER | Any Other Funding Source | OTHER |

## GEO\_RGN

The Geographic Region reference table (geo\_rgn) contains the valid identifiers and descriptions for the Environmental Protection Agency (EPA) Regions.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| grphc\_rgn\_id | varchar2(3) | PK | Identifies a geographic region. |
| grphc\_rgn\_dsc\_tx | varchar2(250) |  | Description of the geographic region. |

Table Contents:

| **grphc\_rgn\_id** | **grphc\_rgn\_dsc\_tx** |
| --- | --- |
| 0 | Region 10 consists of Alaska, Idaho, Oregon, and Washington |
| 1 | Region 1 consists of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont |
| 2 | Region 2 consists of New Jersey, New York, Puerto Rico, and the U.S. Virgin Islands |
| 3 | Region 3 consists of Delaware, Maryland, Pennsylvania, Virginia, West Virginia, and the District of Columbia |
| 4 | Region 4 consists of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee |
| 5 | Region 5 consists of Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin |
| 6 | Region 6 consists of Arkansas, Louisiana, New Mexico, Oklahoma, and Texas |
| 7 | Region 7 consists of Iowa, Kansas, Missouri, and Nebraska |
| 8 | Region 8 consists of Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming |
| 9 | Region 9 consists of Arizona, California, Hawaii, Nevada, Guam, American Samoa, Pacific Islands, and US Minor Outlying Areas |

## P\_BRAC\_ROUND

The BRAC Round reference table (p\_brac\_round) contains the valid codes and names (years) for a BRAC Round.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| brac\_rnd\_cd | varchar2(3) | PK | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the installation/site is included. For installations included in multiple BRAC rounds, the first BRAC round is used at the installation level; at the site-level, the appropriate BRAC round for each site is used. |
| brac\_rnd\_nm | varchar2(4) |  | Name associated to the BRAC Round. |

Table Contents:

| **brac\_rnd\_cd** | **brac\_rnd\_nm** |
| --- | --- |
| I | 1988 |
| II | 1991 |
| III | 1993 |
| IV | 1995 |
| V | 2005 |

## P\_CTC\_CHG

The Cost-to-Complete (CTC) change reference table (p\_ctc\_chg) contains the valid reason codes and names for a CTC change of 10 percent or greater from the prior year.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| ctc\_chg\_rsn\_cd | varchar2(2) | PK | Identifies the reason for CTC changes of 10 percent or greater at a site from the prior year estimate (in which the change was $25,000 or more, excluding inflation and work completed). |
| ctc\_chg\_rsn\_nm | varchar2(750) |  | Name and description of the CTC reason code. |

Table Contents:

| **ctc\_chg\_rsn\_cd** | **ctc\_chg\_rsn\_nm** |
| --- | --- |
| 01 | Project Scope – Added or removed cleanup phases as the project progresses (e.g., feasibility study or remedial action operation added to project scope). |
| 02 | Project Scope – Added or removed requirements due to other site-level project change (e.g., newly discovered contaminants, increased physical dimensions of the cleanup, additional risk pathway such as vapor intrusion (that is required and initiated by DoD), change in future property reuse, site reopened to address additional risk, additional sampling). |
| 03 | Standards or Regulations – Regulation Change – A broad-scale or national change in regulation that impacts multiple sites (e.g., newly promulgated or modified Applicable or Relevant and Appropriate Requirement). |
| 04 | Standards or Regulations – Regulator-driven Change – A change in the project as a result of negotiations with the regulator (e.g., new requirement imposed by the regulator that increases project scope, delay in regulatory document review or approval). |
| 05 | Standards or Regulations – DoD Policy or Directive – A change in DoD policy or directive that redefines the costs included in the CTC. |
| 06 | Technology – Change to a different or improved cleanup technology (e.g., monitored natural attenuation did not work so active remediation is needed, technology was ineffective). |
| 07 | New Site. |
| 08 | Cost Estimate Change Unrelated to Change in Scope – Change in cost estimating methodology or model. |
| 09 | Cost Estimate Change Unrelated to Change in Scope – Change in contract or contract method. |
| 10 | Cost Estimate Change Unrelated to Change in Scope – Actual contract cost for prior or ongoing work is greater than/less than the prior estimate. This additional/reduced cost may also be caused by changes in schedule. |

## P\_PHASES

The Phases reference table (p\_phases) contains the valid codes, names, and various category codes for an interval in the cleanup process at an Environmental Site.

**NOTE: The “MISSION” value is only valid for BRAC sites in the Environmental Restoration Site Funding Project Management (envst\_fnd\_proj\_mgt) table.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| envstph\_cd | varchar2(7) | PK | Identifies the Environmental Restoration Site cleanup phase. |
| envstph\_nm | varchar2(80) |  | Name of the cleanup phase. |
| phase\_grp\_cd | varchar2(1) |  | Indicates the group associated with the cleanup process phase. |
| phase\_sort\_cd | number(2) |  | Sort order, used for reporting purposes. The lower the number the higher the priority. |
| phase\_cat\_cd | varchar2(15) |  | Indicates the category associated with the cleanup process phase |
| phase\_appa\_cat\_cd | varchar2(15) |  | Indicates the category associated with the Appendix A Reports. |
| phase\_appb\_cat\_cd | varchar2(4) |  | Indicates the category associated with the Appendix B Reports |

Table Contents:

| **envstph\_cd** | **envstph\_nm** | **phase**  **\_grp**  **\_cd** | **phase**  **\_sort**  **\_cd** | **phase\_cat\_**  **cd** | **phase\_**  **appa\_**  **cat\_cd** | **phase\_**  **appb\_**  **cat\_cd** |
| --- | --- | --- | --- | --- | --- | --- |
| ATSDR | Agency for Toxic Substances and Disease Registry | J |  | Management | Management |  |
| BDDR | Building Demolition/Debris Removal | L | 12 | BDDR | Cleanup | 4CLP |
| CAP | Corrective Action Plan | B | 4 | Analysis | Analysis | 1INV |
| CMI | Corrective Measures Implementation (RCRA) | E |  | Cleanup | Cleanup |  |
| DSMOA | Defense and State Memorandum of Agreement | I |  | Management | Management |  |
| EE/CA | Engineering Evaluation/Cost Analysis | B | 5 | Analysis | Analysis | 1INV |
| EPA | Environmental Protection Agency | Q |  | Management | Management |  |
| IRA | Interim Remedial Action or Removal Action | C | 7 | Cleanup | Interim Action | 2IRA |
| LTM | Long Term Monitoring | G | 16 | LTM | Cleanup | 6LTM |
| MISSION | BRAC Mission Environmental Activities | M |  | Management | Management |  |
| MNPWRC | Manpower- Contractor | M |  | Management | Management |  |
| MNPWRG | Manpower- Government | M |  | Management | Management |  |
| OTHER | Other (Non-Phase Specific) | O |  | Management | Management |  |
| PA | Preliminary Assessment | A | 1 | Analysis | Analysis | 1INV |
| PA/SI | Preliminary Assessment/Site Inspection | A | 3 | Analysis | Analysis | 1INV |
| PCO | Project Close Out | G | 18 | Cleanup | Cleanup | 6LTM |
| PN | Project Negotiation (FUDS only) | E | 10 | Cleanup | Cleanup | 4CLP |
| PRP | Potentially Responsible Party | H |  | PRP | Cleanup | 4CLP |
| RA-C | Remedial Action – Construction | E | 12 | Cleanup | Cleanup | 4CLP |
| RA-O | Remedial Action – Operations | F | 14 | LTO | Cleanup | 5LTO |
| RD | Remedial Design | D | 9 | Cleanup | Cleanup | 3DES |
| RI/FS | Remedial Investigation/Feasibility Study | B | 6 | Analysis | Analysis | 1INV |
| SI | Site Inspection | A | 2 | Analysis | Analysis | 1INV |

## PHASE\_GRP

The Phase Group reference table (phase\_grp) contains the valid codes and descriptions of the major categories of an Environmental Restoration Phase.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| phase\_grp\_cd | varchar2(1) | PK | Indicates group for an environmental site phase. |
| phase\_grp\_tx | varchar2(55) |  | Name of the environmental site phase. |

Table Contents:

| **phase\_grp\_cd** | **phase\_grp\_tx** |
| --- | --- |
| A | Assessments |
| B | Analysis/Investigation |
| C | Interim Actions |
| D | Remedial Designs |
| E | Remedial Actions Construction |
| F | Long-Term Operations |
| G | Long-Term Management |
| H | Potentially Responsible Party |
| I | Defense And State Memorandum Of Agreement |
| J | Agency For Toxic Substances And Disease Registry |
| K | Fines |
| L | Building Demolition/Debris Removal |
| M | Management |
| N | Workyear |
| O | Other |
| P | Implementation |
| Q | Environmental Protection Agency |
| R | UXO |

## US\_ST

The United States State reference table (us\_st) contains the valid codes (numeric and character), names, and EPA regions for the United States and outlying territories.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| ctry\_cd | varchar2(2) | PK | The code that represents a country. |
| us\_st\_nm\_cd | varchar2(2) | PK | The numeric code associated with a United States state. |
| us\_st\_nm | varchar2(50) |  | Name of a United States state. |
| grphc\_rgn\_id | varchar2(3) |  | Identifies the geographic region. |
| us\_st\_al\_cd | varchar2(2) |  | The alphabetic code associated with a United States state. |

Table Contents (sorted by country code and state code for ease of use):

| **ctry\_cd** | **us\_st\_al\_cd** | **us\_st\_nm\_cd** | **us\_st\_nm** | **grphc\_rgn\_id** |
| --- | --- | --- | --- | --- |
| AQ | AS | 60 | American Samoa | 9 |
| BQ | BQ | 76 | Navassa Island | 9 |
| CQ | MP | 69 | Northern Mariana Islands | 9 |
| DQ | DQ | 86 | Jarvis Island | 9 |
| FM | FM | 64 | Federated States of Micronesia | 9 |
| FQ | FQ | 81 | Baker Island | 9 |
| GQ | GU | 66 | Guam | 9 |
| HQ | HQ | 84 | Howland Island | 9 |
| JQ | JQ | 67 | Johnston Atoll | 9 |
| KQ | KQ | 89 | Kingman Reef | 9 |
| LQ | LQ | 95 | Palmyra Atoll | 9 |
| MQ | MQ | 71 | Midway Islands | 9 |
| PS | PW | 70 | Palau | 9 |
| RM | MH | 68 | Marshall Islands | 9 |
| RQ | PR | 72 | Puerto Rico | 2 |
| US | AK | 02 | Alaska | 0 |
| US | AL | 01 | Alabama | 4 |
| US | AR | 05 | Arkansas | 6 |
| US | AZ | 04 | Arizona | 9 |
| US | CA | 06 | California | 9 |
| US | CO | 08 | Colorado | 8 |
| US | CT | 09 | Connecticut | 1 |
| US | DC | 11 | District of Columbia | 3 |
| US | DE | 10 | Delaware | 3 |
| US | FL | 12 | Florida | 4 |
| US | GA | 13 | Georgia | 4 |
| US | HI | 15 | Hawaii | 9 |
| US | IA | 19 | Iowa | 7 |
| US | ID | 16 | Idaho | 0 |
| US | IL | 17 | Illinois | 5 |
| US | IN | 18 | Indiana | 5 |
| US | KS | 20 | Kansas | 7 |
| US | KY | 21 | Kentucky | 4 |
| US | LA | 22 | Louisiana | 6 |
| US | MA | 25 | Massachusetts | 1 |
| US | MD | 24 | Maryland | 3 |
| US | ME | 23 | Maine | 1 |
| US | MI | 26 | Michigan | 5 |
| US | MN | 27 | Minnesota | 5 |
| US | MO | 29 | Missouri | 7 |
| US | MS | 28 | Mississippi | 4 |
| US | MT | 30 | Montana | 8 |
| US | NC | 37 | North Carolina | 4 |
| US | ND | 38 | North Dakota | 8 |
| US | NE | 31 | Nebraska | 7 |
| US | NH | 33 | New Hampshire | 1 |
| US | NJ | 34 | New Jersey | 2 |
| US | NM | 35 | New Mexico | 6 |
| US | NN | 99 | Navajo Nation |  |
| US | NV | 32 | Nevada | 9 |
| US | NY | 36 | New York | 2 |
| US | OH | 39 | Ohio | 5 |
| US | OK | 40 | Oklahoma | 6 |
| US | OR | 41 | Oregon | 0 |
| US | PA | 42 | Pennsylvania | 3 |
| US | RI | 44 | Rhode Island | 1 |
| US | SC | 45 | South Carolina | 4 |
| US | SD | 46 | South Dakota | 8 |
| US | TN | 47 | Tennessee | 4 |
| US | TX | 48 | Texas | 6 |
| US | UT | 49 | Utah | 8 |
| US | VA | 51 | Virginia | 3 |
| US | VT | 50 | Vermont | 1 |
| US | WA | 53 | Washington | 0 |
| US | WI | 55 | Wisconsin | 5 |
| US | WV | 54 | West Virginia | 3 |
| US | WY | 56 | Wyoming | 8 |
| VQ | VI | 78 | Virgin Islands of the U.S. | 2 |
| WQ | WQ | 79 | Wake Island | 9 |

# Document Update History

|  |  |  |
| --- | --- | --- |
| **Update Date** | **Section** | **Description** |
| December 20, 2005 | n/a | Final document distributed to OSD. |
| February 16, 2006 | ENVST\_PH\_PROG | Add a value for Compliance (“C”), which is only valid for the Environmental Restoration Site Funding Project Management (envst\_fnd\_proj\_mgt) table. |
| January 2, 2007 | Environmental Restoration Site Funding (ENVST\_FND) and Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Added column envst\_fnd\_f7\_am to the table layout. |
| August 9, 2007 | Environmental Restoration Site Funding (ENVST\_FND) and Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Removed column envst\_fnd\_f7\_am from the table layout. |
| August 30, 2007 | Environmental Restoration Site Funding (ENVST\_FND), Environmental Restoration Site Funding Project Management (ENVST\_FND\_PROJ\_MGT), and ENVST\_PH\_PROG | Changed all occurrences of MMR site or MMRP site to MRS. |
| May 8, 2008 | Detailed Table Layouts (all subsections) | Added hyperlinks to the reference tables mentioned in the validation column. |
| December 30, 2008 | Environmental Restoration Site Funding (ENVST\_FND) and Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Added column envst\_fnd\_f7\_am to the table layout. |
| September 10, 2009 | Environmental Restoration Site Funding (ENVST\_FND) and Environmental Restoration Site Funding Project Management (ENVST\_FND\_PROJ\_MGT) | Removed column envst\_fnd\_f7\_am from the table layout. |
| June 30, 2010 | Environmental Restoration Site Funding (ENVST\_FND), Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | POM cycle has been changed to a one-year cycle, therefore, deleted column envst\_fnd\_f7\_am from the table layout. |
| October 4, 2010 | P\_PHASES | Added MISSION value to capture BRAC mission environmental activities. This value is only valid for BRAC sites in the envst\_fnd\_proj\_mgt table. |
| October 22, 2010 | Environmental Restoration Site Funding (ENVST\_FND) | Added columns envst\_deobl\_f\_am, envst\_deobl\_f\_tx, and envst\_addobl\_f\_am. |
| October 13, 2011 | Environmental Restoration Site Funding (ENVST\_FND) | Modified brac\_rnd\_cd definition. |
| October 19, 2011 | Environmental Restoration Site Funding (ENVST\_FND) | Added column envst\_addobl\_f\_tx. Modified validation for envst\_addobl\_f\_am. |
| May 30, 2012 | Environmental Restoration Site Funding (ENVST\_FND) | Modified validation for envst\_deobl\_f\_am, envst\_deobl\_f\_tx, envst\_addobl\_f\_am, and envst\_addobl\_f\_tx to denote column is optional. |
| September 18, 2012 | FNDINFO\_APPR | Removed AMMO value. |
| June 28, 2013 | Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Added columns envst\_deobl\_f\_am, envst\_deobl\_f\_tx, envst\_addobl\_f\_am, and envst\_addobl\_f\_tx. |
| December 13, 2013 | Cost-to-Complete Change (CTC\_CHG) and P\_CTC\_CHG | Added tables. |
| December 13, 2013 | Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Modified validation for brac\_rnd\_cd. |
| October 9, 2014 | Environmental Restoration Site Funding (ENVST\_FND) and Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Modified definitions for envst\_fnd\_f1\_am, envst\_fnd\_f2\_am, envst\_fnd\_f3\_am, envst\_fnd\_f4\_am, envst\_fnd\_f5\_am, envst\_fnd\_f6\_am, and envstfnd\_ctc\_am. |
| October 9, 2014 | Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT) | Removed column envst\_ph\_prog\_cd. |
| December 3, 2014 | P\_PHASES | Removed values FINES, FRA, IMP, LTO, O&M, RA, RAB, Study, TAPP, TRC, UXO, UXO-RI, MGMT, and WRKYR. Added values MNPWRG and MNPWRC. |
| June 26, 2015 | Environmental Restoration Site Funding (ENVST\_FND), Environmental Restoration Site Funding Program Management (ENVST\_FND\_PROJ\_MGT), Cost-to-Complete Change (CTC\_CHG) | Added comp\_ins\_id and comp\_env\_site\_id to all tables. |