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



**Data Transmission Templates**

**for the Cleanup Module**

**Installation and Site Data**

**Knowledge-Based Corporate Reporting System**

**(Unclassified)**

**FOUO**

**October 6, 2015**

Prepared by DELTA Resources, Inc.

in support of the

EITM Program Management Office

110 Army Pentagon, Room 3D453

Washington, D.C. 20310-0110

Table of Contents

[1.0 Introduction 1](#_Toc431885546)

[1.1 KBCRS Overview 1](#_Toc431885547)

[1.2 Purpose of this Document 1](#_Toc431885548)

[2.0 The KBCRS Database 2](#_Toc431885549)

[3.0 Data Processing Overview 3](#_Toc431885550)

[3.1 Data Calls 3](#_Toc431885551)

[3.2 Data Validation and Correction 3](#_Toc431885552)

[3.3 Data Review and Approval 4](#_Toc431885553)

[4.0 Data Submission Templates 5](#_Toc431885554)

[4.1 General Requirements 5](#_Toc431885555)

[4.2 Data Validation 5](#_Toc431885556)

[4.3 Datatypes 6](#_Toc431885557)

[4.4 Changes to Data Templates 7](#_Toc431885558)

[4.5 Detailed Table Layouts 8](#_Toc431885559)

[4.5.1 Installation (INST) 8](#_Toc431885560)

[4.5.2 Installation Location (INST\_LOC) 11](#_Toc431885561)

[4.5.3 Five-Year Review Narrative (FYR\_RVW\_NARR) 12](#_Toc431885562)

[4.5.4 Munitions Response Area (MRA\_AREA) 13](#_Toc431885563)

[4.5.5 Munitions Response Area Location (MRA\_LOC) 15](#_Toc431885564)

[4.5.6 Environmental Restoration Site (ENV\_REST\_SITE) 16](#_Toc431885565)

[4.5.7 Environmental Restoration Site Cleanup Driver (ENVST\_CLEANUP\_DRVR) 23](#_Toc431885566)

[4.5.8 Environmental Restoration Site Decision Document (ENVST\_DD) 25](#_Toc431885567)

[4.5.9 Environmental Restoration Site Landowner (ENVST\_LANDOWNER) 27](#_Toc431885568)

[4.5.10 Environmental Restoration Site Location (ENVST\_LOC) 28](#_Toc431885569)

[4.5.11 Environmental Restoration Site Phase (PHASES) 29](#_Toc431885570)

[4.5.12 Environmental Restoration Site Phase Remedy (PHASES\_REMEDY) 31](#_Toc431885571)

[4.5.13 Land Use Control Description (LUC\_DESC) 33](#_Toc431885572)

[4.5.14 Land Use Control Document (LUC\_DOCUMENT) 34](#_Toc431885573)

[4.5.15 Land Use Control Environmental Restoration Site (LUC\_ENVST) 35](#_Toc431885574)

[4.5.16 Land Use Control Restriction (LUC\_RESTRICT) 36](#_Toc431885575)

[4.5.17 Military Munitions Response Characteristics (MMR\_CHAR) 37](#_Toc431885576)

[4.5.18 Base Realignment and Closure (BRAC) 38](#_Toc431885577)

[4.5.19 Restoration Advisory Board (R\_A\_B) 44](#_Toc431885578)

[4.5.20 Relative Risk Media (RR\_MEDIA) 47](#_Toc431885579)

[4.5.21 Relative Risk Media Contaminant (RR\_MEDIA\_CONT) 49](#_Toc431885580)

[4.5.22 State Agreements (STATE\_AGREE) 51](#_Toc431885581)

[5.0 Summary: Data Loading and Exception Handling 53](#_Toc431885582)

[6.0 Glossary 54](#_Toc431885583)

[7.0 Reference Tables 56](#_Toc431885584)

[7.1 CLNPRP\_PH\_IMP 56](#_Toc431885585)

[7.2 CLNUP\_MLST 56](#_Toc431885586)

[7.3 COMPONENT 57](#_Toc431885587)

[7.4 CTRY 58](#_Toc431885588)

[7.5 ENVRNMNTL\_RSTRT 61](#_Toc431885589)

[7.6 ENVST\_PENALTY\_ST 61](#_Toc431885590)

[7.7 ENVST\_PH\_PROG 62](#_Toc431885591)

[7.8 FYR\_RVW 62](#_Toc431885592)

[7.9 GEO\_RGN 63](#_Toc431885593)

[7.10 INT\_REMED\_ACT 63](#_Toc431885594)

[7.11 MSR\_UN 65](#_Toc431885595)

[7.12 P\_AGREEMENT 65](#_Toc431885596)

[7.13 P\_BRAC\_ROUND 66](#_Toc431885597)

[7.14 P\_BRAC\_TYPE 66](#_Toc431885598)

[7.15 P\_CHF 67](#_Toc431885599)

[7.16 P\_DSMOA\_CA 67](#_Toc431885600)

[7.17 P\_LANDOWNER 67](#_Toc431885601)

[7.18 P\_LEGAL\_DRVR 68](#_Toc431885602)

[7.19 P\_LUC\_ACCESS 68](#_Toc431885603)

[7.20 P\_LUC\_DOC\_TYPE 69](#_Toc431885604)

[7.21 P\_LUC\_MONITOR 69](#_Toc431885605)

[7.22 P\_LUC\_RESTRICT 70](#_Toc431885606)

[7.23 P\_LUC\_TYPE 70](#_Toc431885607)

[7.24 P\_MEDIA 71](#_Toc431885608)

[7.25 P\_MPF 72](#_Toc431885609)

[7.26 P\_MRSPP\_CHANGE 72](#_Toc431885610)

[7.27 P\_MRSPP\_CHE 73](#_Toc431885611)

[7.28 P\_MRSPP\_EHE 74](#_Toc431885612)

[7.29 P\_MRSPP\_HHE 74](#_Toc431885613)

[7.30 P\_MRSPP\_PRIORITY 75](#_Toc431885614)

[7.31 P\_MRSPP\_QA\_RSN 75](#_Toc431885615)

[7.32 P\_MRSPP\_SEQUENCE 76](#_Toc431885616)

[7.33 P\_NPL\_STATUS 77](#_Toc431885617)

[7.34 P\_PBC\_ROE 77](#_Toc431885618)

[7.35 P\_PHASES 78](#_Toc431885619)

[7.36 P\_RAB\_JOINT 79](#_Toc431885620)

[7.37 P\_RF 80](#_Toc431885621)

[7.38 P\_RISK\_CATEGORY 80](#_Toc431885622)

[7.39 P\_SITETYPES 81](#_Toc431885623)

[7.40 PHASE\_GRP 83](#_Toc431885624)

[7.41 PLAN\_STATUS 83](#_Toc431885625)

[7.42 RAB\_ACTIVITY 84](#_Toc431885626)

[7.43 RAB\_ADVICE 84](#_Toc431885627)

[7.44 RAB\_MEMBERS 84](#_Toc431885628)

[7.45 RAB\_NOT\_EST 85](#_Toc431885629)

[7.46 RISKCONT 85](#_Toc431885630)

[7.47 RISKCONT\_COMP 86](#_Toc431885631)

[7.48 RR\_MEDIA\_CAT 86](#_Toc431885632)

[7.49 SITE\_TYPE\_CAT 87](#_Toc431885633)

[7.50 UNIF\_SVC\_ORG 87](#_Toc431885634)

[7.51 US\_COUNTY 89](#_Toc431885635)

[7.52 US\_ST 89](#_Toc431885636)

[8.0 Document Update History 92](#_Toc431885637)

# 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 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 DEP 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 DERP Installation and Site related 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 (FY) year. 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 Installation and Site data call.

For the Installation and Site data call, the DoD Components are required to submit data describing their DERP activities and sites. These data are included in the DERP portion of the DEP ARC for the current FY and are evaluated during 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) 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 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 “QA Filters” – validation software – and loaded into a Stage section of the KBCRS Web site. 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 Stage section of the Web site provides access to a series of on-line queries to allow authorized DoD Components and DoD staff to generate trial reports and to review submitted data for accuracy and completeness prior to finalizing the data. 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 MS Excel will correspond to a record in Oracle or MS Access; a column in MS 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 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 a 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 examples, 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 Stage section of the KBCRS 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 MS Access or MS 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 MS 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.

### Installation (INST)

The Installation table (inst) contains the information pertaining to installations/properties assigned to at least one DoD organization.

| **Column Name** | **Datatype & Length** | **Key** | **Description** | **Validation** |
| --- | --- | --- | --- | --- |
| ins\_id | varchar2(14) | PK | Installation Identifier. See Glossary for details. | Must not be blank. Must be a valid Installation Identifier as described in the Glossary. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. Must be in the [COMPONENT](#_COMPONENT) reference table. Corresponds to the DoD Component submitting the data. |
| fund\_src\_cd | varchar2(4) |  | Fund source code. Identifies the program to which the installation belongs. See Glossary for details. | Must not be blank. Must be “BRAC”, “DERA”, or “BOTH”. |
| ins\_nm | varchar2(50) |  | The name of an installation or property. An installation or property is a physical entity, used and maintained by a DoD Component, consisting of one or more of the following types of real property: building, structure, utility system, some types of equipment, lands, pavement improvements, and appurtenances. The location is listed in the name first. For example: Pensacola PWC, not PWC Pensacola | Must not be blank. |
| brac\_rnd\_cd | varchar2(3) |  | Base Realignment and Closure (BRAC) round code. Identifies the round (I, II, III, IV, or V) in which the installation is included. For installations included in multiple BRAC rounds, the first BRAC round is used. | Blank for DERA installations. For BRAC, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| ins\_address1\_tx | varchar2(80) |  | The office mailing address for the installation’s DERP point of contact (POC). For FUDS properties, the mailing address for the U. S. Army Corps of Engineers District POC. | May be blank. Be consistent in the use of abbreviations. |
| ins\_address2\_tx | varchar2(80) |  | Continuation of the office mailing address for the installation’s DERP POC. | If not needed, leave blank. |
| uspr\_city\_place\_nm | varchar2(40) |  | City where the installation or property is primarily located. | Must not be blank. If information is unavailable, enter “NO CITY”. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the installation or property is primarily located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| usc\_cd | varchar2(3) |  | County code, or county equivalent, where the installation is primarily located. | Must not be blank. The usc\_cd and us\_st\_al\_cd combination must be in the [US\_COUNTY](#_US_COUNTY) reference table. |
| unfrmd\_srvc\_rgn\_cd | varchar2(7) |  | Uniformed Service Organization code (a.k.a. Major Command Code). The major command code for an installation or property. Major commands are major subdivisions of the DoD Components that are assigned major roles of a DoD Component’s mission and directly subordinate to their respective headquarters. For FUDS, this refers to the FUDS District. | Must not be blank. Must in the [UNIF\_SVC\_ORG](#_UNIF_SVC_ORG) reference table. |
| npl\_status\_cd | varchar2(1) |  | National Priorities List (NPL) status code. | Must not be blank. Must be in the [P\_NPL\_STATUS](#_P_NPL_STATUS) reference table. |
| fyr\_rvw\_cd | varchar2(3) |  | Denotes the status of the Five-Year Review. | If provided, must be in the [FYR\_RVW](#_FYR_RVW) reference table. Must contain “C” if fyr\_rvw\_lst\_ymdt is provided. Must contain “F” if fyr\_rvw\_nxt\_ymdt is provided. Must be “CUF”, “FC”, or “UC” if fyr\_rvw\_lst\_ymdt and fyr\_rvw\_nxt\_ymdt are provided. If a review is not planned, underway, and/or completed, leave blank. |
| fyr\_rvw\_lst\_ymdt | number(6) |  | The year and month of the last Five-Year Review. | If provided, must be in YYYY or YYYYMM format and not later than the current reporting cutoff date. Required if fyr\_rvw\_cd contains “C”. If a review has not been completed, leave blank. If only a year is provided (YYYY), KBCRS defaults the month to 09. |
| fyr\_rvw\_nxt\_ymdt | number(6) |  | The year and month of the next Five-Year Review. | If provided, must be in YYYY or YYYYMM format and greater than the current reporting cutoff date. Required if fyr\_rvw\_cd is “CUF”, “FC”, or “UC”. If a review is not underway or planned, leave blank. If only a year is provided (YYYY), KBCRS defaults the month to 09. |
| npl\_list\_fydt | number(4) |  | The FY the installation was added to the NPL. If there are multiple listings, use the earliest year. | If provided, must be in YYYY format. If the installation is not on the NPL, leave blank. |
| map\_file\_nm | varchar2(20) |  | The electronic map file name (PDF format). | May be blank. |
| env\_aff\_acre\_qy | number(10,2) |  | Represents the acreage associated with the area(s) where cleanup activities (other than long-term management [LTM]) are underway or planned for the future at each site that has not achieved response complete (RC).  As cleanup is completed, the acreage should decrease.  This information formerly supported Section 2831 of the National Defense Authorization Act (NDAA) for FY2006, which amended section 2907 of the Base Realignment and Closure Act to report annually on the status of BRAC Round 2005 actions. | May be blank. |
| brac\_rnd2\_cd | varchar2(3) |  | Secondary BRAC round code. For installations included in more than one BRAC round, this would be the most recent BRAC round in which the installation was included. | Required for installations which were part of more than one BRAC round. Must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. If blank, KBCRS defaults to the value in brac\_rnd\_cd. |
| 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. |

### Installation Location (INST\_LOC)

The Installation Location table (inst\_loc) contains secondary Installation location address information. The primary location address is maintained in the Installation table.

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| loc\_seq\_nbr | number(5) | PK | Location Sequence Number. A system generated unique number to allow multiple address records for the same installation or property. | No validation. If blank, KBCRS will system generate. |
| uspr\_city\_place\_nm | varchar2(40) |  | City where the installation or property is located. | If unknown, leave blank. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the installation or property is located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| usc\_cd | varchar2(3) |  | Code representing county, or county equivalent, of the state where the installation or property is located. | If provided, the usc\_cd and us\_st\_al\_cd combination must be in the [US\_COUNTY](#_US_COUNTY) reference table. If unknown, leave blank. |
| 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. |

### Five-Year Review Narrative (FYR\_RVW\_NARR)

The Five-Year Review Narrative table (fyr\_rvw\_narr) describes an Installation’s five-year review results and future plans.

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| fyr\_actions\_tx | varchar2(250) |  | Actions taken as a result of the five-year review. | If no actions taken, leave blank. |
| fyr\_plans\_tx | varchar2(250) |  | Actions planned as a result of a five-year review in which the remedy was determined to be no longer protective. | If no actions planned, leave blank. |
| fyr\_results\_tx | varchar2(250) |  | Results of the five-year review (i.e., is the remedy still protective and meeting cleanup standards?). | If no results to report, leave blank. |
| 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. |

### Munitions Response Area (MRA\_AREA)

The Munitions Response Area table (mra\_area) contains the information pertaining to a Munitions Response Area (MRA). An MRA is an area comprised of one or more munitions response sites (MRSs).

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the MRA. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| mra\_id | varchar2(14) | PK | The identifier which uniquely identifies an MRA. | Must not be blank. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the MRA belongs. See Glossary for details. | Must not be blank. Must be “BRAC”, “DERA”, or “BOTH”. |
| brac\_rnd\_cd | varchar2(3) |  | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the installation is included. For installations included in multiple BRAC rounds, the first BRAC round is used. | Blank for DERA installations. For BRAC, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| mra\_nm | varchar2(70) |  | The name which describes an MRA. | Must not be blank. |
| prsn\_frst\_nm | varchar2(25) |  | First name of the POC for the MRA. | Must not include title or rank. If unknown, leave blank. |
| prsn\_mddl\_nm | varchar2(1) |  | Middle initial of the POC for the MRA. | If no middle initial, leave blank. |
| prsn\_lst\_nm | varchar2(50) |  | Last name of the POC for the MRA. | If unknown, leave blank. |
| prsn\_pstl\_adrs1\_tx | varchar2(60) |  | First address line for the POC for the MRA. | If unknown, leave blank. |
| prsn\_pstl\_adrs2\_tx | varchar2(35) |  | Second address line for the POC for the MRA. | If not needed, leave blank. |
| prsn\_pstl\_city\_tx | varchar2(30) |  | City for the POC for the MRA. | If unknown, leave blank. |
| prsn\_pstl\_state\_cd | varchar2(2) |  | State code for the POC for the MRA. | If provided, must be in the [US\_ST](#_US_ST) reference table. If unknown, leave blank. |
| poc\_tlphn\_id | varchar2(13) |  | Telephone number for the POC for the MRA. | Unformatted telephone number (i.e., no dashes or spaces). If unknown, leave blank. |
| poc\_tlphn\_xtsn\_id | varchar2(5) |  | Extension number for the POC for the MRA. | Unformatted extension number (i.e., do not include “ext”). If extension not needed, leave blank. |
| poc\_email\_addr\_nm | varchar2(80) |  | Full e-mail address for the POC for the MRA. | If unknown, leave blank. |
| 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. |

### Munitions Response Area Location (MRA\_LOC)

The Munitions Response Area Location table (mra\_loc) contains the primary and secondary locations of an MRA.

| **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, and mra\_id combination must exist in the MRA\_AREA table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the MRA. | Must not be blank. The ins\_id, comp\_id, and mra\_id combination must exist in the MRA\_AREA table. |
| mra\_id | varchar2(14) | PK | The identifier which uniquely identifies an MRA. | Must not be blank. The ins\_id, comp\_id, and mra\_id combination must exist in the MRA\_AREA table. |
| primary\_addr\_cd | varchar2(1) | PK | Indicates whether the city, state, and county are the MRA’s primary address. | Must not be blank. Must be “Y” or “N”. |
| loc\_seq\_nbr | number(5) | PK | Location Sequence Number. A system generated unique number to allow multiple location records for the same MRA. | No validation. If blank, KBCRS will system generate. |
| fund\_src\_cd | varchar2(4) |  | Fund source code. Identifies the program to which the MRA belongs. See Glossary for details. | Must not be blank. Must be “BRAC”, “DERA”, or “BOTH”. |
| uspr\_city\_place\_nm | varchar2(40) |  | City where the MRA is located. | Must not be blank. If information is unavailable, enter “NO CITY”. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the MRA is located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| usc\_cd | varchar2(3) |  | County code where the MRA is located. | Must not be blank. The usc\_cd and us\_st\_al\_cd combination must be in the [US\_COUNTY](#_US_COUNTY) 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. |

### Environmental Restoration Site (ENV\_REST\_SITE)

The Environmental Restoration Site table (env\_rest\_site) contains the information pertaining to contaminated area(s) on an installation, including areas with munitions constituent (MC)-related contamination and areas where unexploded ordnance (UXO) or discarded military munitions are known or suspected to be present.

| **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 and comp\_id combination must exist in the INST 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 and comp\_id combination must exist in the INST table. |
| env\_site\_id | varchar2(20) | PK | Environmental Site Identifier. See Glossary for details. | Must not be blank. Must be a valid Environmental Site Identifier as described in the Glossary. |
| 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”. |
| brac\_rnd\_cd | varchar2(3) |  | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the site at the installation was impacted by BRAC. For installations included in multiple BRAC rounds, use the appropriate BRAC round for each site. | Blank for DERA installations. For BRAC, must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| envst\_alias\_nm | varchar2(65) |  | The name or description which identifies an Environmental Restoration Site. | If unknown, leave blank. |
| npl\_status\_cd | varchar2(1) |  | NPL status code. | Must not be blank. Must be in the [P\_NPL\_STATUS](#_P_NPL_STATUS) reference table. |
| npl\_delist\_ymdt | number(6) |  | Year and month the site was officially removed from the NPL. | Must not be blank if npl\_status\_cd is “D” (deleted). Must be blank if npl\_status\_cd is “N”, “P”, or “Y”. If provided, must be in the format YYYYMM. |
| envst\_est\_rip\_ymdt | number(6) |  | The date the final remedy is expected to be in place at the site, as appropriate. Final Remedy in Place (RIP) is when the final remedial action has been constructed, is functional, and is operating as planned in the remedial design (RD) and, in the future, will meet the remedial action objectives detailed in the decision document (DD) for the site. | If provided, must be in YYYYMM format. Must be a future date. Must not be blank, unless an actual RIP date is provided. |
| envst\_rip\_ymdt | number(6) |  | The date the final remedy was put in place at the site, as appropriate. | If provided, must be in YYYYMM format. Must not be a future date. Must not be blank, unless an estimated RIP date is provided. |
| envst\_est\_rc\_ymdt | number(6) |  | The date the selected remedy at the site is expected to achieve the remedial action objectives specified in the DD, including the time required to document this determination and seek regulatory agreement. This does not include the LTM phase. | If provided, must be in YYYYMM format. Must be a future date. Must not be blank, unless an actual RC date is provided or the transfer date (dod\_trnsfr\_ymdt) is provided. |
| envst\_rc\_ymdt | number(6) |  | The date the selected remedy at the site achieved the remedial action objectives specified in the DD, including the time required to document this determination and seek regulatory agreement. This does not include the LTM phase. | If provided, must be in YYYYMM format. Must not be a future date. Must not be blank, unless an estimated RC date is provided or the transfer date (dod\_trnsfr\_ymdt) is provided. |
| envst\_type\_cd | varchar2(2) |  | Environmental site type code indicating the site type category. May also be used to identify sites that were erroneously reported in the past. | Must not be blank. Must be in the [P\_SITETYPES](#_P_SITETYPES) reference table. |
| rr\_category\_cd | varchar2(1) |  | The relative risk category assigned to the site. | If provided, must be in the [P\_RISK\_CATEGORY](#_P_RISK_CATEGORY) reference table. Required for all sites except for the following: 1) sites at RIP, 2) sites determined to be RC, 3) MRSs addressed under the Military Munitions Response Program (MMRP), and 4) sites classified under the Building Demolition/ Debris Removal (BD/DR) Program. |
| uspr\_city\_place\_nm | varchar2(40) |  | City where the site is primarily located. | Must not be blank. If information is unavailable, enter “NO CITY”. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the site is primarily located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| usc\_cd | varchar2(3) |  | County code where the site is primarily located. | Must not be blank. The usc\_cd and us\_st\_al\_cd combination must be in the [US\_COUNTY](#_US_COUNTY) reference table. |
| geoloc\_lat\_cn | number(10,6) |  | Latitude for the center of the site. | Must be in decimal degrees. Required for all sites. |
| geoloc\_long\_cn | number(10,6) |  | Longitude for the center of the site. | Must be in decimal degrees. Required for all sites. |
| geoloc\_datum\_tx | varchar2(100) |  | Identifies the geodetic system (datum) on which the latitude and longitude are based. | Required for all sites. |
| envst\_ph\_prog\_cd | varchar2(1) |  | Indicates whether the site is an Installation Restoration Program (IRP) site, BD/DR site, or MRS. | Must not be blank. Must be in the [ENVST\_PH\_PROG](#_ENVST_PH_PROG) reference table. |
| cmplnc\_cd | varchar2(1) |  | Identifies whether a site was previously tracked under the DoD Component’s “Compliance Cleanup” program. | Must be blank or “N” for BRAC, FUDS, BD/DR sites, and MRSs. All other sites must be “Y”, “N”, or blank. If blank, KBCRS defaults to “N”. |
| mra\_id | varchar2(14) |  | The identifier which uniquely identifies an MRA. | Required for am MRS. The ins\_id, comp\_id, and mra\_id combination must exist in the MRA\_AREA table. |
| prsn\_frst\_nm | varchar2(25) |  | First name of the POC for the site. | May be blank. If provided, must not include title or rank. |
| prsn\_mddl\_nm | varchar2(1) |  | Middle initial of the POC for the site. | If middle initial not needed, leave blank. |
| prsn\_lst\_nm | varchar2(50) |  | Last name of the POC for the site. | May be blank. |
| prsn\_pstl\_adrs1\_tx | varchar2(60) |  | First (primary) address line for the POC for the site. | May be blank. |
| prsn\_pstl\_adrs2\_tx | varchar2(35) |  | Second address line for the POC for the site. | May be blank. |
| prsn\_pstl\_city\_nm | varchar2(30) |  | City for the POC for the site. | May be blank |
| prsn\_pstl\_state\_cd | varchar2(2) |  | State code for the POC for the site. | May be blank. If provided, must be in the [US\_ST](#_US_ST) reference table. |
| poc\_tlphn\_id | varchar2(13) |  | Telephone number for the POC for the site. | May be blank. Unformatted telephone number (i.e., no dashes or spaces). |
| poc\_tlphn\_xtsn\_id | varchar2(5) |  | Extension number for the POC for the site. | Unformatted extension number (i.e., do not include “ext”). If extension not needed, leave blank. |
| poc\_email\_addr\_nm | varchar2(80) |  | Full e-mail address for the POC for the site. | May be blank. |
| mrspp\_priority\_cd | varchar2(2) |  | Identifies the overall Munitions Response Site Prioritization Protocol (MRSPP) relative priority or alternative rating assigned to an MRS. | Required for an MRS. Must be in the [P\_MRSPP\_PRIORITY](#_P_MRSPP_PRIORITY) reference table. For IRP sites, KBCRS defaults to blank. For an MRS, if blank, KBCRS defaults to lowest rating in mrspp\_che\_cd, mrspp\_ehe\_cd, and mrspp\_hhe\_cd. An MRS that is RC must have a priority of “10” (MRSPP evaluation no longer required) or “11” (no known or suspected hazard) unless the MRS achieved RC within the past 12 months. If mrspp\_priority\_cd is “11”, then mrspp\_che\_cd, mrspp\_ehe\_cd, and mrspp\_hhe\_cd must also be “11”. |
| mrspp\_che\_cd | varchar2(2) |  | Identifies the MRSPP chemical warfare materiel hazard evaluation (CHE) module’s rating for an MRS. | Required for an MRS. Must be in the [P\_MRSPP\_CHE](#_P_MRSPP_CHE) reference table. For IRP sites, KBCRS defaults to blank. For an MRS, if blank and the MRS is not at RC, KBCRS defaults to “09” (evaluation pending). An MRS that is RC must have a rating of “10” (MRSPP evaluation no longer required) or “11” (no known or suspected hazard) unless the MRS achieved RC within the past 12 months. |
| mrspp\_ehe\_cd | varchar2(2) |  | Identifies the MRSPP explosive hazard evaluation (EHE) module’s rating for an MRS. | Required for an MRS. Must be in the [P\_MRSPP\_EHE](#_P_MRSPP_EHE) reference table. For IRP sites, KBCRS defaults to blank. For an MRS, if blank and the MRS is not at RC, KBCRS defaults to “09” (evaluation pending). An MRS that is RC must have a rating of “10” (MRSPP evaluation no longer required) or “11” (no known or suspected hazard) unless the MRS achieved RC within the past 12 months. |
| mrspp\_hhe\_cd | varchar2(2) |  | Identifies the MRSPP health hazard evaluation (HHE) module’s rating for an MRS. | Required for an MRS. Must be in the [P\_MRSPP\_HHE](#_P_MRSPP_HHE) reference table. For IRP sites, KBCRS defaults to blank. For an MRS, if blank and the MRS is not at RC, KBCRS defaults to “09” (evaluation pending). An MRS that is RC must have a rating of “10” (MRSPP evaluation no longer required) or “11” (no known or suspected hazard) unless the MRS achieved RC within the past 12 months. |
| mrspp\_chg\_cd | varchar2(2) |  | Identifies the reason for changing the overall MRSPP priority for an MRS. | May be blank. If provided, must be in the [P\_MRSPP\_CHANGE](#_P_MRSPP_CHANGE) reference table. If provided for an MRS that is at RC, change code must be “01”. Must be “99” if mrspp\_chg\_tx is not blank. For IRP sites, KBCRS defaults to blank. |
| mrspp\_chg\_tx | varchar2(250) |  | Explains the reason for changing the overall MRSPP priority for an MRS. | Must not be blank if mrspp\_chg\_cd is “99”. Must be blank if mrspp\_chg\_cd is blank or a value other than “99”. For IRP sites, KBCRS defaults to blank. |
| mrspp\_sequence\_cd | varchar2(2) |  | Identifies the reason for addressing an MRS out of sequence (i.e., performing a munitions response activity after the site inspection [SI] on an MRS with a lower relative priority before an MRS with a higher relative priority). | Required for an MRS:  Which has an overall MRSPP relative priority of 2-8 (or 3-8 if there are no MRSs with an overall MRSPP relative priority of 1),  Which has not achieved RC,  Where the SI is complete, and  Where the remedial investigation/feasibility study (RI/FS) phase or at least one cleanup phase (i.e., RD, remedial action construction [RA-C], or remedial action operation [RA-O]) is complete or underway.  Must be “99” if mrspp\_sequence\_tx is not blank. Must be in the [P\_MRSPP\_SEQUENCE](#_P_MRSPP_SEQUENCE) reference table. For IRP sites, KBCRS defaults to blank. |
| mrspp\_sequence\_tx | varchar2(250) |  | Explains the reason for addressing an MRS out of sequence (i.e., performing a munitions response activity after the SI on an MRS with a lower relative priority before an MRS with a higher relative priority). | Must not be blank if mrspp\_sequence\_cd is “99”. Must be blank if mrspp\_sequence\_cd is blank or a value other than “99”. For IRP sites, KBCRS defaults to blank. |
| mrspp\_qa\_cd | varchar2(1) |  | Indicates whether the DoD Component’s Quality Assurance (QA) panel changed an MRS’s relative priority during the current reporting year. | Required for an MRS. Must be “Y” or “N”. For IRP sites, KBCRS defaults to blank. |
| mrspp\_qa\_rsn\_cd | varchar2(2) |  | Identifies the reason for changing an MRS’s relative priority during the current reporting year, based on the QA panel’s recommendation. | Must be blank if mrspp\_qa\_cd is “N”. Must not be blank if mrspp\_qa\_cd is “Y”. If provided, must be in the [P\_MRSPP\_QA\_RSN](#_P_MRSPP_QA_RSN) reference table. |
| envst\_enter\_ymdt | number(6) |  | The date the site was entered into KBCRS. | If provided, must be in YYYYMM format. Required for sites added to KBCRS after the FY2008 DEP ARC; date must be greater than 200809. Optional for sites reported in or prior to the FY2008 DEP ARC. If blank, KBCRS defaults to 200809. Must not be a future date. If cmplnc\_cd is “Y”, date must be greater than 200809. |
| envst\_trns\_tx | varchar2(250) |  | The text which denotes the installation ID, the DoD Component name, and the date the site transferred from one DoD Component to another; or the text which indicates a site transferred from one program (i.e., BRAC, DERA) to another and the date of transfer. | Required for transferred sites. For sites which transferred from one DoD Component to another:   * Text must include the installation ID, the name of the DoD Component the site transferred from/to, and the date of transfer. * The DoD Component that transferred the site must enter the installation ID of the receiving DoD Component associated with the transferred site; identify the receiving DoD Component and specify that the site has transferred (e.g., “transferred to Army”); and enter the date the site transferred in YYYYMM format. * The DoD Component that received the site must enter the original installation ID associated with the site by the DoD Component that transferred the site; identify the DoD Component that transferred the site and specify that the site has transferred (e.g., “transferred from Army”); and enter the date the site transferred in YYYYMM format.   For sites which transferred from one program to another, the text must specify that the site has transferred (e.g., “transferred from DERA”). The text must also include the date of the transfer from one program to another in YYYYMM or FYXXXX format. |
| env\_site\_prev\_id | varchar2(20) |  | Identifies the original Environmental Site Identifier when a site is transferred and the receiving DoD Component or program (i.e., DERA, BRAC) changes the site identifier. For FUDS, identifies the Environmental Site Identifier of the original MRS for MRSs that have been realigned. | Required for transferred sites if the site ID changed upon transfer. The receiving DoD Component or program must provide the original site ID previously reported in KBCRS, if the site ID is changed. |
| luc\_access\_cd | varchar2(2) |  | Indicates the most restrictive level of access to the site in accordance with the land use control(s) (LUCs) at the site. | Must not be blank if there is a LUC in place at the site. Must be in the [P\_LUC\_ACCESS](#_P_LUC_ACCESS) reference table. |
| dod\_trnsfr\_ymdt | number(6) |  | Represents the date the site transferred out of DoD control, where DoD no longer conducts the cleanup at the site. | May be blank. Required for sites that have not achieved RC and have already transferred out of DoD control, where DoD no longer conducts the cleanup. Required for sites that will transfer out of DoD control, where DoD no longer conducts cleanup, upon transfer if the site has not achieved RC at the time of transfer. If provided, the site transfer date is reported in all future KBCRS submissions. When the transferred site achieves RC, the RC date may be reported in addition to the site transfer date. If provided, must be in YYYYMM format. Must not be a future date. |
| pbc\_roe\_cd | varchar2(2) |  | Indicates whether a site is being cleaned up under a Performance-based Contract (PBC) and/or the DoD Component cannot obtain right of entry (ROE) to complete a phase. | May be blank. If provided, must be in the [P\_PBC\_ROE](#_P_PBC_ROE) reference table. Required for sites that are being cleaned up under a PBC that was awarded prior to FY2012. Required for sites where the DoD Component cannot obtain ROE to complete a phase. |
| mult\_media\_cd | varchar2(1) |  | Indicates whether the DoD Component is addressing multiple media under one site which is or will be in more than one phase (e.g., SI and RA-O) at the same time. | Must be “Y”, “N”, or blank. If “Y”, the multi-media site must have at least one phase underway or planned for the future. Must be “N” or blank if all phases at the multi-media site are complete. If blank, KBCRS defaults to “N”. |
| irm\_ltr\_ymdt | number(6) |  | The date the DoD Component sent the most recent interim risk management (IRM) notification letter to the property owner(s). | May be blank. If provided, must be in YYYYMM format. If provided in a prior KBCRS submission, no longer required when the DoD Component starts an investigation, removal action, or remedial action at the site, or the site achieves RC. Must not be a future date. |
| 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 Cleanup Driver (ENVST\_CLEANUP\_DRVR)

The Environmental Restoration Site Cleanup Driver table (envst\_cleanup\_drvr) contains the compliance (legal mandate) information pertaining to an Environmental Site, such as the agreement’s impact on the site’s activity and any stipulated penalties.

| **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. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| penalty\_seq\_nbr | number(5) | PK | Penalty Sequence Number. A system-generated unique number to allow multiple records for a site. | No validation. If blank, KBCRS will system generate. |
| clnprp\_ph\_imp\_cd | varchar2(4) |  | Indicates why a phase schedule is impacted or affected. | If provided, must be in the [CLNPRP\_PH\_IMP](#_CLNPRP_PH_IMP) reference table. |
| fine\_pymt\_am | number(12,2) |  | The amount of the penalty, in thousands of dollars. | If provided, must be greater than or equal to zero. |
| legal\_drvr\_cd | varchar2(6) |  | Identifies the legal mandate that governs environmental action at the site. | Must not be blank. Must be in the [P\_LEGAL\_DRVR](#_P_LEGAL_DRVR) reference table. |
| legal\_drvr\_tx | varchar2(100) |  | Describes the legal mandate governing the site. | Must not be blank if legal driver (legal\_drvr\_cd) is “State” or “Other”. |
| agreement\_cd | varchar2(1) |  | Identifies the agreement in place at the site. | Must not be blank. Must be in the [P\_AGREEMENT](#_P_AGREEMENT) reference table. |
| envst\_penlty\_st\_cd | varchar2(1) |  | Indicates the penalty status of the site stipulated. | Must be in the [ENVST\_PENALTY\_ST](#_ENVST_PENALTY_ST) reference table. |
| clnup\_mlst\_cd | varchar2(2) |  | Indicates the most recent Cleanup milestone accomplished. | If provided, must be in the [CLNUP\_MLST](#_CLNUP_MLST) 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. |

### Environmental Restoration Site Decision Document (ENVST\_DD)

The Environmental Restoration Site Decision Document table (envst\_dd) contains the estimated and actual dates the DoD Component signed/will sign a record of decision (ROD) or decision document (DD).

| **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. |
| envst\_seq\_nbr | number(5) | PK | Site Sequence Number. A system generated unique number to allow multiple ROD/DD records for one site. | No validation. If blank, KBCRS will system generate. |
| envst\_est\_dd\_ymdt | number(6) |  | The date the DoD Component is expected to sign the ROD/DD. Represents the point at which investigations and interim actions at the site will be complete and regulators concur on the cleanup strategy outlined in the ROD/DD. For sites where a letter from the U.S. Environmental Protection Agency (EPA) or the state will outline the selected response action instead of a ROD/DD, the DoD Component should report the date it expects to receive the letter from EPA or the state. This date only applies to final actions and not to interim removal/ remedial actions. | May be blank. If provided, must be in YYYYMM format and must be a future date. If provided, the site must not have a RD, RA-C, RA-O, LTM, or project closeout phase completed or underway and the site’s RIP and RC dates must be future dates (unless mult\_media\_cd=“Y”). |
| envst\_dd\_ymdt | number(6) |  | The date the DoD Component signed the ROD/DD. Represents the point at which investigations and interim actions at the site are complete and regulators concur on the cleanup strategy outlined in the ROD/DD. For sites where a letter from EPA or the state outlines the selected response action instead of a ROD/DD, the DoD Component should report the date on the letter from the EPA or the state. This date only applies to final actions and not to interim removal/remedial actions. | Required for all sites where the RD, RA-C, and/or RA-O phases are underway.  May be blank if:   * The ROD/DD has not been signed; * An estimated ROD/DD date is provided; * The site achieved RC before FY2010 (unless the site is at RC but also in any of the following phases: preliminary assessment (PA), SI, RI/FS, engineering evaluation/cost estimate (EE/CA), interim remedial action (IRA), RD, RA-C, or RA-O); or * The site achieved RC upon completion of the SI phase.   If provided, must be in YYYYMM format and must not be a future date. If provided, the site must not have a PA, SI, RI/FS, EE/CA, or IRA phase underway or planned (unless the mult\_media\_cd=“Y”). |
| 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 Landowner (ENVST\_LANDOWNER)

The Environmental Restoration Site Landowner table (envst\_landowner) contains the information pertaining to the landowner(s) associated with an Environmental Restoration Site.

| **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. |
| landowner\_cd | varchar2(5) | PK | Identifies the landowner associated to an Environmental Restoration Site. | Must not be blank. Must be in the [P\_LANDOWNER](#_P_LANDOWNER) reference table. Required for an MRS. |
| 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 Location (ENVST\_LOC)

The Environmental Restoration Site Location table (envst\_loc) contains the secondary Site location information. The primary location is maintained in the Environmental Restoration Site table.

| **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. |
| loc\_seq\_nbr | number(5) | PK | Location Sequence Number. A system generated unique number to allow multiple records for the same site. | No validation. If blank, KBCRS will system generate. |
| uspr\_city\_place\_nm | varchar2(40) |  | City where the site is located. | If unknown, leave blank. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the site is located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| usc\_cd | varchar2(5) |  | County code where the site is located. | If provided, the usc\_cd and us\_st\_al\_cd combination must be in the [US\_COUNTY](#_US_COUNTY) reference table. If unknown, leave blank. |
| 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 Phase (PHASES)

The Environmental Restoration Site Phase table (phases) contains the information pertaining to each interval in the cleanup process of an Environmental Restoration Site.

| **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. 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. |
| phase\_seq\_nbr | number(5) | PK | Phase Sequence Number. A system generated unique number to allow multiple phase records for the same phase code (such as IRA). | No validation. If blank, KBCRS will system generate. |
| envstph\_est\_bgn\_ymdt | number(6) |  | Estimated begin date of an Environmental Restoration phase. | If provided, must be in YYYYMM format and must be a future date. Must be less than or equal to the estimated end date (envstph\_est\_end\_ymdt). Must not be blank, unless an actual begin date (envstph\_bgn\_ymdt) is provided. |
| envstph\_est\_end\_ymdt | number(6) |  | Estimated end date of an Environmental Restoration phase. | If provided, must be in YYYYMM format and must be a future date. Must be greater than or equal to the estimated begin date (envstph\_est\_bgn\_ymdt). Must not be blank, unless an actual end date (envstph\_end\_ymdt) is provided. |
| envstph\_bgn\_ymdt | number(6) |  | Actual begin date of an Environmental Restoration phase. | If provided, must be in YYYYMM format and must not be a future date. Must be less than or equal to the actual end date (envstph\_end\_ymdt). Must not be blank, unless an estimated begin date (envstph\_est\_bgn\_ymdt) is provided. |
| envstph\_end\_ymdt | number(6) |  | Actual end date of an Environmental Restoration phase. | If provided, must be in YYYYMM format and must not be a future date. Must be greater than or equal to the actual begin date (envstph\_bgn\_ymdt). Must not be blank, unless an estimated end date (envstph\_est\_end\_ymdt) is provided. |
| clnprp\_ph\_imp\_cd | varchar2(4) |  | Indicates why a phase schedule is impacted or affected. | If provided, must be in the [CLNPRP\_PH\_IMP](#_CLNPRP_PH_IMP) reference table. If the phase is not delayed or impacted, leave blank. |
| envrnmntl\_rstrt\_cd | varchar2(1) |  | Indicates the status of an Environmental Restoration Site phase (i.e., planned, underway, or completed). | May be blank. Must be in the [ENVRNMNTL\_RSTRT](#_ENVRNMNTL_RSTRT) 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. |
| rmdyactn\_indef\_cd | varchar2(1) |  | Indicates whether or not the site has a defined end date for the RA-O and/or LTM phases. | Must be “Y” if the site does not have a defined end date for the RA-O and/or LTM phases. Must be “N” or blank if the site has a defined end date for the RA-O and/or LTM phases. Must be “N” or blank for all phases other than RA-O and LTM. If blank, KBCRS defaults to “N”. |
| 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 Phase Remedy (PHASES\_REMEDY)

The Environmental Restoration Site Phase Remedy table (phases\_remedy) contains information pertaining to the remedies associated with an environmental restoration site.

| **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, fund\_src\_cd, and envstph\_cd combination must exist in the PHASES 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, fund\_src\_cd, and envstph\_cd combination must exist in the PHASES 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, fund\_src\_cd, and envstph\_cd combination must exist in the PHASES 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. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and envstph\_cd combination must exist in the PHASES table. |
| envstph\_cd | varchar2(7) | PK | Identifies the Environmental Restoration Site cleanup phase. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and envstph\_cd combination must exist in the PHASES table. |
| rmdy\_seq\_nbr | number(5) | PK | Remedy Sequence Number. A system generated unique number to allow multiple remedy records for the same phase code. | No validation. If blank, KBCRS will system generate. |
| rmdyactn\_rmdy\_cd | varchar2(3) |  | Indicates the remedial action technology type being performed at the site. | Required for each IRA and final RA phase. For non-NPL sites, must be reported no later than when the actual end date of the RI/FS phase is reported. For NPL sites, must be reported no later than when the actual start date of the RD phase is reported. Must be in the [INT\_REMED\_ACT](#_INT_REMED_ACT_1) reference table. |
| rmdyactn\_est\_bgn\_ymdt | number(6) |  | Estimated begin date of an Environmental Restoration phase remedy action. | If provided, must be in YYYYMM format and must be a future date. Must be less than or equal to the estimated remedy end date (rmdyactn\_est\_end\_ymdt). Must not be blank, unless an actual remedy begin date (rmdyactn\_bgn\_ymdt) is provided. |
| rmdyactn\_est\_end\_ymdt | number(6) |  | Estimated end date of an Environmental Restoration phase remedy action. | If provided, must be in YYYYMM format and must be a future date. Must be greater than or equal to the estimated remedy begin date (rmdyactn\_est\_bgn\_ymdt). Must not be blank, unless an actual remedy end date (rmdyactn\_end\_ymdt) is provided. |
| rmdyactn\_bgn\_ymdt | number(6) |  | Actual begin date of an Environmental Restoration phase remedy action. | If provided, must be in YYYYMM format and must not be a future date. Must be less than or equal to the actual remedy end date (rmdyactn\_end\_ymdt). Must not be blank, unless an estimated remedy begin date (rmdyactn\_est\_bgn\_ymdt) is provided. |
| rmdyactn\_end\_ymdt | number(6) |  | Actual end date of an Environmental Restoration phase remedy action. | If provided, must be in YYYYMM format and must not be a future date. Must be greater than or equal to the actual remedy begin date (rmdyactn\_bgn\_ymdt). Must not be blank, unless an estimated remedy end date (rmdyactn\_est\_end\_ymdt) is provided. |
| 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. |

### Land Use Control Description (LUC\_DESC)

The Land Use Control (LUC) Description table (luc\_desc) contains information for identifying all the unique LUCs at an installation.

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| luc\_id | varchar2(14) | PK | A unique identifier given to each distinct LUC at an installation. | Must not be blank. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the installation belongs. See Glossary for details. | Must not be blank. Must be “BRAC”. “DERA”, or “BOTH”. |
| luc\_type\_cd | varchar2(2) |  | Indicates the type of LUC. | Must not be blank. Must be in the [P\_LUC\_TYPE](#_P_LUC_TYPE) reference table. |
| luc\_type\_tx | varchar2(250) |  | Describes the type of LUC. | Must not be blank if luc\_type\_cd is “98” or “99”. |
| luc\_impl\_ymdt | number(6) |  | The date the LUC was implemented. | Must not be blank. Must be in YYYYMM format. |
| luc\_mod\_ymdt | number(6) |  | The date the LUC was modified. | If provided, must be in YYYYMM format. |
| luc\_trmn\_ymdt | number(6) |  | The date the LUC was or will be terminated. | Must not be blank. Must be in YYYYMM format. If the LUC remains in place indefinitely, enter 999999. |
| luc\_mgt\_nm | varchar2(60) |  | The name of the organization responsible for management, maintenance, and monitoring of the LUC. | No validation. If unknown, leave blank. |
| luc\_monitor\_cd | varchar2(2) |  | Indicates the frequency of the LUC monitoring. | If provided, must be in the [P\_LUC\_MONITOR](#_P_LUC_MONITOR) 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. |

### Land Use Control Document (LUC\_DOCUMENT)

The Land Use Control Document table (luc\_document) identifies all of the documents containing information about a single LUC.

| **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, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| luc\_id | varchar2(14) | PK | A unique identifier given to each distinct LUC at an installation. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the installation belongs. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| luc\_doc\_type\_cd | varchar2(2) | PK | Indicates the type of document which contains information about the LUC. | Must not be blank. Must be in the [P\_LUC\_DOC\_TYPE](#_P_LUC_DOC_TYPE) 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. |

### Land Use Control Environmental Restoration Site (LUC\_ENVST)

The Land Use Control Environmental Restoration Site table (luc\_envst) identifies all the sites addressed by each LUC at an installation.

| **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. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| luc\_id | varchar2(14) | PK | A unique identifier given to each distinct LUC at an installation. | Must not be blank. If fund\_src\_cd is “BRAC”, the ins\_id, comp\_id, and luc\_id combination must exist in the LUC\_DESC table with a “BRAC” or “BOTH” fund\_src\_cd. If fund\_src\_cd is “DERA”, the ins\_id, comp\_id, and luc\_id combination must exist in the LUC\_DESC table with a “DERA” or “BOTH” fund\_src\_cd. |
| 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. |
| envst\_parcel\_id | varchar2(20) |  | Indicates the parcel ID associated with the site. | If unknown or not applicable, leave blank. |
| 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. |

### Land Use Control Restriction (LUC\_RESTRICT)

The Land Use Control Restriction table (luc\_restrict) contains information for identifying all the restrictions associated with a LUC at an installation.

| **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, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| luc\_id | varchar2(14) | PK | A unique identifier given to each distinct LUC at an installation. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the installation belongs. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, luc\_id, and fund\_src\_cd combination must exist in the LUC\_DESC table. |
| luc\_restrict\_cd | varchar2(2) | PK | Indicates the use restriction associated with a LUC. | Must not be blank. Must be in the [P\_LUC\_RESTRICT](#_P_LUC_RESTRICT) reference table. |
| luc\_seq\_nbr | number(5) | PK | LUC Sequence Number. A system generated unique number to allow multiple records for the same LUC restriction code. | No validation. If blank, KBCRS will system generate. |
| luc\_restrict\_tx | varchar2(250) |  | Describes the type of LUC restriction. | Must not be blank if luc\_restrict\_cd is “98”. |
| 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. |

### Military Munitions Response Characteristics (MMR\_CHAR)

The Military Munitions Response Characteristics table (mmr\_char) contains the acreage for an MRS.

| **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, fund\_src\_cd, and mra\_id 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 MRS. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and mra\_id 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, fund\_src\_cd, and mra\_id combination must exist in the ENV\_REST\_SITE table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the MRS belongs. See Glossary for details. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and mra\_id combination must exist in the ENV\_REST\_SITE table. |
| mra\_id | varchar2(14) | PK | The identifier which uniquely identifies an MRA. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and mra\_id combination must exist in the ENV\_REST\_SITE table. |
| mrs\_tot\_acre\_qy | number(10,2) |  | Total number of acres for the MRS. | Must be greater than or equal to zero. |
| 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. |

### Base Realignment and Closure (BRAC)

The Base Realignment and Closure table (brac) contains the information pertaining to the closure or realignment of a DoD installation.

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| brac\_rnd\_cd | varchar2(3) | PK | BRAC round code. Identifies the round (I, II, III, IV, or V) in which the installation is included. For installations included in multiple BRAC rounds, the first BRAC round is used. | Must not be blank. Must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. |
| brac\_rnd2\_cd | varchar2(3) |  | Secondary BRAC round code, for installations included in more than one BRAC round. Required for installations part of a 2nd BRAC round. | Must be in the [P\_BRAC\_ROUND](#_P_BRAC_ROUND) reference table. If the installation is only in one round, leave blank. |
| brac\_clsr\_type\_cd | varchar2(1) |  | BRAC closure type, indicating the type of BRAC activity at an installation. | Must not be blank. Must be in the [P\_BRAC\_TYPE](#_P_BRAC_TYPE)  reference table. |
| brac\_clsr\_type2\_cd | varchar2(1) |  | Secondary BRAC closure type, for installations included in more than one BRAC round. Required for installations part of a 2nd BRAC round. | Must be in the [P\_BRAC\_TYPE](#_P_BRAC_TYPE)  reference table. If the installation is only in one round, leave blank. |
| uspr\_city\_place\_nm | varchar2(40) |  | Closest city where the BRAC installation is located. | If unknown, leave blank. |
| us\_st\_al\_cd | varchar2(2) |  | State code where the BRAC installation is located. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| bcp\_prep\_ymdt | number(6) |  | The date the BRAC Cleanup Plan (BCP) Abstract was prepared. | Must be in YYYYMM format. Must not be a future date. |
| brac\_clser\_ymdt | number(6) |  | The date the final closure or realignment mission was scheduled to cease or the final mission actually ceased on the property. | Must be in YYYYMM format. |
| brac\_clser\_cd | varchar2(1) |  | Indicates whether the closure date provided is actual or scheduled. | Must be “A” or “S”. |
| brac\_tot\_acre\_qy | number(12,2) |  | Total number of acres on the installation’s property records, prior to the BRAC action. | Must be greater than or equal to zero. |
| brac\_tot\_rtnd\_qy | number(10,2) |  | Total number of acres to be retained by the DoD Component, after closure or realignment. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_trns\_svc\_qy | number(10,2) |  | Total number of acres that have been or will be transferred to another DoD Component. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_trns\_fed\_qy | number(10,2) |  | Total number of acres that have been or will be transferred to another federal entity. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_trns\_nfed\_qy | number(10,2) |  | Total number of acres that have been or will be transferred to a non-federal entity. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| ebs\_cmpltd\_ymdt | number(6) |  | The date the base-wide Environmental Baseline Survey was completed and Community Environmental Response Facilitation Act (CERFA) concurrence submitted to regulatory agencies. | Must be in YYYYMM format. |
| cerfa\_proposed\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD that DoD proposed to regulatory agencies to be classified as CERFA uncontaminated. | Must be greater than or equal to zero. |
| cerfa\_concur\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD where EPA or state regulatory concurrence on CERFA uncontaminated parcel determination was received by the end of the 18th month concurrence deadline. | Must be greater than or equal to zero; and less than or equal to the total CERFA acres (brac\_tot\_cerfa\_qy). |
| brac\_cerfa\_ymdt | number(6) |  | The date when the regulatory agencies agreed with the CERFA concurrence. | Must be in YYYYMM format. |
| brac\_tot\_cerfa\_qy | number(10,2) |  | The cumulative CERFA concurrence acres, including concurrence received after the 18 month deadline. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| bct\_action\_ymdt | number(6) |  | The date when the BRAC Cleanup Team (BCT) action is scheduled or was performed. | Must be in YYYYMM format. |
| bct\_action\_cd | varchar2(1) |  | Indicates whether the BCT date provided is Adjourned, Formed, Not Required, or Planned Adjournment. | Must be “A”, “F”, “N”, or “P”. |
| bcp\_vrsn1\_ymdt | number(6) |  | The date the first version of the BCP was completed or estimated to be completed. | Must be in YYYYMM format. |
| bcp\_curr\_ver\_ymdt | number(6) |  | The date the latest version of the BCP was completed. | Must be in YYYYMM format. |
| bcp\_final\_ymdt | number(6) |  | The date of the final BCP. | Must be in YYYYMM format. |
| rab\_action\_ymdt | number(6) |  | The date the Restoration Advisory Board (RAB) was formed, adjourned, or planned adjourned. | Must be in YYYYMM format. Date required if rab\_action\_cd is “A”, “F”, or “P”. |
| rab\_action\_cd | varchar2(1) |  | Indicates whether the RAB date provided is adjourned, formed, not required, or planned adjourned. | Must be “A”, “F”, “N”, or “P”. |
| fosl\_fed\_acre\_qy | number(10,2) |  | Total number of acres leased to federal entities by FY end. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| fosl\_nfed\_acre\_qy | number(10,2) |  | Total number of acres leased to non- federal entities by FY end. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| fost\_fed\_acre\_qy | number(10,2) |  | Total number of acres transferred to federal entities by FY end. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| fost\_nfed\_acre\_qy | number(10,2) |  | Total number of acres transferred to non- federal entities by FY end. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat1\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 1 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat2\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 2 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat3\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 3 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat4\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 4 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat5\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 5 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat6\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 6 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_cat7\_acre\_qy | number(10,2) |  | Total number of acres to be transferred out of DoD, classified as Category 7 of the environmental condition of property. | Must not be blank. Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat1\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 1 (brac\_cat1\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat2\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 2 (brac\_cat2\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat3\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 3 (brac\_cat3\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat4\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 4 (brac\_cat4\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat5\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 5 (brac\_cat5\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat6\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 6 (brac\_cat6\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_cat7\_acre\_qy | number(10,2) |  | Total number of acres reported for Category 7 (brac\_cat7\_acre\_qy), that have MMR contamination. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_req\_acre\_qy | number(10,2) |  | Total number of acres that require, or may require, a response to munitions and explosives of concern (MEC) under the MMRP. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| mmr\_comp\_acre\_qy | number(10,2) |  | Total number of acres where a munitions response to MEC was required and completed under the MMRP. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_pol\_acre\_qy | number(10,2) |  | Total number of acres associated with Petroleum, Oils, and Lubricants. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_ncr\_acre\_qy | number(10,2) |  | Total number of acres associated with natural or cultural resources. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| brac\_env\_acre\_qy | number(10,2) |  | Total number of acres environmentally suitable for transfer. | Must be greater than or equal to zero; and less than or equal to the sum of Categories 1 through 4 (brac\_cat1\_acre\_qy + brac\_cat2\_acre\_qy + brac\_cat3\_acre\_qy + brac\_cat4\_acre\_qy). |
| brac\_elg\_acre\_qy | number(10,2) |  | Total number of acres eligible for disposal. | Must be greater than or equal to zero; and less than or equal to the total acres (brac\_tot\_acre\_qy). |
| lra\_nm | varchar2(30) |  | Name of the Local Redevelopment Authority (LRA) organization. | Must not be blank. |
| plan\_status\_cd | varchar2(1) |  | Status of the redevelopment initiative plan. | Must be in the [PLAN\_STATUS](#_PLAN_STATUS) reference table. |
| final\_disp\_ymdt | number(6) |  | The date of the Final Disposition of the redevelopment initiative. | Must be in YYYYMM format. |
| nepa\_analysis\_ymdt | number(6) |  | The date of installation-wide disposal and reuse Environmental Assessment (EA)/Environmental Impact Statement (EIS). | Must be in YYYYMM format. |
| nepa\_act\_proj\_cd | varchar2(1) |  | Indicates whether the National Environmental Policy Act (NEPA) analysis date is actual or projected. | Must be “A” or “P”. |
| nepa\_analysis\_cd | varchar2(3) |  | Indicates whether the NEPA action was an EA or EIS. | Must be “EA” or “EIS”. |
| brac\_final\_ymdt | number(6) |  | The date when the last parcel was or will be transferred or deeded. | Must be in YYYYMM format. |
| brac\_final\_cd | varchar2(1) |  | Indicates whether the final date provided is actual or projected. | Must be “A” or “P”. |
| fost\_cfy\_tran\_qy | number(6) |  | Number of Finding of Suitability to Transfer (FOST) transactions completed through the end of the current reporting year which resulted in actual property transfer. | May be blank. Must be greater than zero if fost\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| fost\_acre\_qy | number(10,2) |  | Total number of FOST acres associated with the number of FOST transactions reported in fost\_cfy\_tran\_qy. | May be blank. Must be greater than zero if fost\_cfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| fost\_nfy\_tran\_qy | number(6) |  | Number of FOST transactions projected for the next FY. | May be blank. Must be greater than zero if fost\_nfy\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| fost\_nfy\_acre\_qy | number(10,2) |  | Total number of FOST acres projected for the next FY. | May be blank. Must be greater than zero if fost\_nfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| fosl\_cfy\_tran\_qy | number(6) |  | Number of Finding of Suitability to Lease (FOSL) transactions completed through the end of the current reporting year, which resulted in actual property lease. | May be blank. Must be greater than zero if fosl\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| fosl\_acre\_qy | number(10,2) |  | Total number of FOSL acres associated with the number of FOSL transactions reported in fosl\_cfy\_tran\_qy. | May be blank. Must be greater than zero if fosl\_cfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| fosl\_nfy\_tran\_qy | number(6) |  | Number of FOSL transactions projected for the next FY. | May be blank. Must be greater than zero if fosl\_nfy\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| fosl\_nfy\_acre\_qy | number(10,2) |  | Total number of FOSL acres projected for the next FY. | May be blank. Must be greater than zero if fosl\_nfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| foset\_cfy\_tran\_qy | number(6) |  | Number of Finding of Suitability for Early Transfer (FOSET) transactions completed through the end of the current reporting year, which resulted in actual property transfer. | May be blank. Must be greater than zero if foset\_cfy\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| foset\_cfy\_acre\_qy | number(10,2) |  | Total number of FOSET acres associated with the number of FOSET transactions reported in foset\_cfy\_tran\_qy. | May be blank. Must be greater than zero if foset\_cfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| foset\_nfy\_tran\_qy | number(6) |  | Number of FOSET transactions projected for the next FY. | May be blank. Must be greater than zero if foset\_nfy\_acre\_qy is greater than zero. If blank, KBCRS will default to zero. |
| foset\_nfy\_acre\_qy | number(10,2) |  | Total number of FOSET acres projected for the next FY. | May be blank. Must be greater than zero if foset\_nfy\_tran\_qy is greater than zero. If provided, must be less than or equal to the total acres (brac\_tot\_acre\_qy). If blank, KBCRS will default to zero. |
| bct\_bec\_nm | varchar2(50) |  | Name of the BCT DoD BRAC Environmental Coordinator (BEC) reviewer. | Must be first and last name. If unknown, leave blank. |
| bct\_bec\_rvw\_cd | varchar2(1) |  | Indicates whether the BCT DoD BEC performed the review. | Must be “Y” or “N” if name is provided. If name not provided, leave blank. |
| bct\_state\_nm | varchar2(50) |  | Name of the BCT State reviewer. | Must be first and last name. If unknown, leave blank. |
| bct\_state\_rvw\_cd | varchar2(1) |  | Indicates whether the BCT State reviewer performed the review. | Must be “Y” or “N” if name is provided. If name not provided, leave blank. |
| bct\_epa\_nm | varchar2(50) |  | Name of the BCT EPA reviewer. | Must be first and last name. If unknown, leave blank. |
| bct\_epa\_rvw\_cd | varchar2(1) |  | Indicates whether the BCT EPA reviewer performed the review. | Must be “Y” or “N” if name is provided. If name not provided, leave blank. |
| 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. |

### Restoration Advisory Board (R\_A\_B)

The Restoration Advisory Board table (r\_a\_b) contains the information pertaining to an advisory board designed to act as a focal point between an installation or property and the local community regarding restoration activities.

| **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 and comp\_id combination must exist in the INST table. |
| comp\_id | varchar2(4) | PK | The identifier of the DoD Component that has oversight of the installation or property. | Must not be blank. The ins\_id and comp\_id combination must exist in the INST table. |
| fund\_src\_cd | varchar2(4) | PK | Fund source code. Identifies the program to which the RAB applies. See Glossary for details. | Must not be blank. Must be “BRAC”, “DERA”, or “BOTH” |
| tapp\_seq\_nbr | number(5) | PK | Technical Assistance for Public Participation (TAPP) Sequence Number. A system generated unique number to allow reporting of multiple TAPP requests for a single installation or property. | No validation. If blank, KBCRS will system generate. |
| rab\_est\_cdt | number(6) |  | The date the RAB was established at the installation or property. Must be reported even after the RAB dissolves or adjourns. If the installation or property participates in a RAB, there should be a date in this field and the rab\_dissolve\_ymdt and rab\_adjourn\_ymdt fields should be blank. If the installation or property no longer participates in a RAB, there should be a date in this field and in either the rab\_dissolve\_ymdt or the rab\_adjourn\_ymdt field. If there is no RAB at the installation or property, leave blank. | Must be in YYYYMM format. Must not be a future date. |
| rab\_dissolve\_ymdt | number(6) |  | The date the installation’s or property’s RAB dissolved. If the RAB has not dissolved, leave blank. | Must be in YYYYMM format. Must not be a future date. |
| rab\_adjourn\_ymdt | number(6) |  | The date the installation’s or property’s RAB adjourned. If the RAB has not adjourned, leave blank. | Must be in YYYYMM format. Must not be a future date. |
| rab\_joint\_cd | varchar2(1) |  | Indicates whether the RAB is a joint RAB with another DoD Component and/or a Federal agency. If provided, identifies the other DoD Component that participates in the joint RAB, indicates that a Federal agency participates in the joint RAB, or indicates that multiple entities participate in the joint RAB. Must not be blank if the RAB is a joint RAB; must be blank if the RAB is not a joint RAB. | Must be in the [P\_RAB\_JOINT](#_P_RAB_JOINT) reference table. |
| rab\_joint\_tx | varchar2(80) |  | Identifies the Federal agency or the multiple entities that participate in the joint RAB. If multiple entities participate in the joint RAB, list each one. | Must not be blank if rab\_joint\_cd is “6” or “7.” Must be blank if rab\_joint\_cd is blank or a value other than “6” or “7.” |
| rab\_fnd\_exp\_am | number(8) |  | The amount of funds expended on RABs in the current reporting year, in thousands of dollars. Includes costs directly related to the RAB operation such as: RAB establishment, member selection costs, training, meeting announcements, facilitators, preparation of meeting agendas, material, minutes, documents reproduction, and contract support expenses. General community involvement expenses are not included, such as: preparation of fact sheets, or other information materials for public distribution, mailing, or repository costs, and salaries for DoD personnel. If the DoD Component supported the installation’s or property’s RAB during the current reporting year the value should be greater than zero. If the DoD Component did not support the installation’s or property’s RAB during the current reporting year, the value should be zero. | Must be greater than or equal to zero. ~~Includes costs directly related to the RAB operation such as: RAB establishment, member selection costs, training, meeting announcements, facilitators, preparation of meeting agendas, material, minutes, documents reproduction, and contract support expenses. General community involvement expenses are not included, such as: preparation of fact sheets, or other information materials for public distribution, mailing, or repository costs, and salaries for DoD personnel.~~ |
| tapp\_req\_ymdt | number(6) |  | The date the installation or property received a TAPP request during the current reporting year. If the installation or property received multiple TAPP requests during the current reporting year, report the date of each request separately. | Must be in YYYYMM format. Must not be a future date, and must fall within the current reporting year. |
| tapp\_req\_src\_tx | varchar2(80) |  | The source of the TAPP request received during the current reporting year. If the installation or property received multiple TAPP requests during the current reporting year, report the source of each request separately. | Must not be blank if tapp\_req\_ymdt is provided. |
| tapp\_req\_am | number(8) |  | The amount of TAPP funding requested during the current reporting year, in thousands of dollars. If the installation or property received multiple TAPP requests during the current reporting year, report the amount of each request separately. | Must not be blank if tapp\_req\_ymdt is provided. Must be greater than or equal to zero. |
| tapp\_app\_am | number(8) |  | The amount of TAPP funding approved during the current reporting year, in thousands of dollars. If the installation or property approved multiple TAPP requests during the current reporting year, report the amount approved for each request separately. | Must be greater than or equal to zero. |
| tapp\_award\_ymdt | number(6) |  | The date the TAPP request was awarded during the current reporting year. If multiple TAPP requests were awarded during the current reporting year, report the date of each award separately. | Must be in YYYYMM format. Must not be a future date, and must fall within the current reporting year. |
| rab\_fnd\_tech\_as\_am | number(8) |  | The amount of TAPP funding provided to communities in the current reporting year, in thousands of dollars. If funding for multiple TAPP requests was provided during the current reporting year, report the amount provided for each request separately. | Must be greater than or equal to zero. |
| rab\_not\_est\_rsn\_cd | varchar2(1) |  | Indicates the reason a RAB was not established. | Must be in the [RAB\_NOT\_EST](#_RAB_NOT_EST) reference table. ~~If RAB was established, leave blank.~~ Must be blank if rab\_est\_cdt is not blank. Must not be blank if rab\_est\_cdt is blank. |
| rab\_activity\_cd | varchar2(9) |  | Denotes codes for all RAB activities that apply for the current reporting year. If no activities apply, leave blank. | Must be blank if rab\_est\_cdt is blank. Each character must be in the [RAB\_ACTIVITY](#_RAB_ACTIVITY) reference table. ~~If no activities apply, leave blank.~~ |
| rab\_advice\_cd | varchar2(9) |  | Denotes codes for all advice provided by a RAB during the current reporting year. If the RAB did not provide advice during the current reporting year, leave blank. | Must be blank if rab\_est\_cdt is blank. Each character must be in the [RAB\_ADVICE](#_RAB_ADVICE) reference table. ~~If no advice provided, leave blank.~~ |
| rab\_members\_cd | varchar2(9) |  | Denotes codes for all community representation that applies to the RAB for the current reporting year. If there is no community representation, leave blank. | Must be blank if rab\_est\_cdt is blank. Each character must be in the [RAB\_MEMBERS](#_RAB_MEMBERS) reference table. ~~If no community representation, leave blank.~~ |
| 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. |

### Relative Risk Media (RR\_MEDIA)

The Relative Risk Media table (rr\_media) contains the information pertaining to each medium’s Relative Risk at an Environmental Restoration Site. NOTE: A Relative Risk Medium record is required for IRP sites which have a relative risk score other than “Not Evaluated”, and for MRSs which have an HHE rating other than “Evaluation Pending” or “No Known or Suspected Hazards”.

| **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. The ins\_id, comp\_id, env\_site\_id, and fund\_src\_cd combination must exist in the ENV\_REST\_SITE table. |
| rr\_media\_cd | varchar2(2) | PK | Identifies the medium of concern. Media codes are based on the media (groundwater, soil, water, sediment) and the associated exposure endpoints (human, ecological – freshwater and ecological – marine). | Must not be blank. Must be in the [P\_MEDIA](#_P_MEDIA) reference table. |
| rr\_media\_cat\_cd | varchar2(1) |  | The relative risk category for the medium, determined by applying the media Contaminant Hazard Factor (CHF), Migration Pathway Factor (MPF), and Receptor Factor (RF) according to the Relative Risk Site Evaluation (RRSE) Primer. | Required for IRP sites that have not achieved RIP/RC. Must be in the [RR\_MEDIA\_CAT](#_RR_MEDIA_CAT) reference table. |
| rr\_media\_chf\_cd | varchar2(1) |  | The medium’s CHF. CHF is a qualitative rating based on the aggregate sum of the contaminant ratios detected for the medium. | Required for IRP sites that have not achieved RIP and do not have a relative risk score of “Not Required” or “Not Evaluated”. Must be in the [P\_CHF](#_P_CHF) reference table. |
| rr\_media\_mpf\_cd | varchar2(1) |  | The medium’s MPF (likelihood of contaminant migration). MPF is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. | Required for IRP sites that have not achieved RIP and do not have a relative risk score of “Not Required” or “Not Evaluated”. Must be in the [P\_MPF](#_P_MPF) reference table. |
| rr\_media\_rf\_cd | varchar2(1) |  | The medium’s RF (the present or future likelihood of contaminant affect to receptors at the site). RF is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. | Required for IRP sites that have not achieved RIP and do not have a relative risk score of “Not Required” or “Not Evaluated”. Must be in the [P\_RF](#_P_RF) reference table. |
| rr\_media\_mpf\_nr\_tx | varchar2(3000) |  | Rationale narrative supporting the media MPF classification. | If unknown, leave blank. |
| rr\_media\_rf\_nr\_tx | varchar2(3000) |  | Rationale narrative supporting the media RF classification | If unknown, leave blank. |
| 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. |

### Relative Risk Media Contaminant (RR\_MEDIA\_CONT)

The Relative Risk Media Contaminant table (rr\_media\_cont) contains the information pertaining to the contaminants, including MC-related contamination, for each Relative Risk Medium at an Environmental Restoration Site. NOTE: A Relative Risk Media Contaminant record is required for IRP sites which have a relative risk score other than “Not Evaluated”, and for MRSs which have a HHE rating other than “Evaluation Pending” or “No Known or Suspected Hazards”.

| **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, fund\_src\_cd, and rr\_media\_cd combination must exist in the RR\_MEDIA 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, fund\_src\_cd, and rr\_media\_cd combination must exist in the RR\_MEDIA 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, fund\_src\_cd, and rr\_media\_cd combination must exist in the RR\_MEDIA 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. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and rr\_media\_cd combination must exist in the RR\_MEDIA table. |
| rr\_media\_cd | varchar2(2) | PK | Medium type code. | Must not be blank. The ins\_id, comp\_id, env\_site\_id, fund\_src\_cd, and rr\_media\_cd combination must exist in the RR\_MEDIA table. |
| rr\_cont\_cas\_id | varchar2(25) | PK | Chemical Abstract Service (CAS) number associated with the chemical name and list in the DoD contaminant master table in the RRSE Primer. | Must not be blank. Must be in the [RISKCONT](#_RISKCONT) reference table. |
| rr\_cont\_nm | varchar2(100) |  | Name of the contaminant. | Must not be blank. |
| msr\_unt\_cd | varchar2(2) |  | Unit of measurement associated with the contaminant and medium. | Must not be blank. Must be in the [MSR\_UN](#_MSR_UN) reference table. |
| rr\_cont\_maxconc\_qy | number(20,7) |  | The highest concentration detected and recorded for the contaminant in the medium. | Must be a greater than or equal to zero. |
| 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. |

### State Agreements (STATE\_AGREE)

The State Agreements table (state\_agree) contains reimbursements to States and territorial governments during the current reporting year for each cooperative agreement (CA) outside the Defense and State Memorandum of Agreement (DSMOA) program. It also contains information about States and territories with signed DSMOAs, including reimbursements during the current reporting year. Only the Army reports DSMOA information. A record is required in this table for each State and territory with a signed DSMOA, regardless of whether a State or territory has a signed CA or received a reimbursement during the current reporting year.

| **Column Name** | **Datatype & Length** | **Key** | **Description** | **Validation** |
| --- | --- | --- | --- | --- |
| dsmoa\_ca\_cd | varchar2(1) | PK | Identifies whether there is a signed DSMOA or a CA outside the DSMOA program. Only the Army reports DSMOA information. | Must not be blank. Must be in the [P\_DSMOA\_CA](#_P_DSMOA_CA) reference table. |
| us\_st\_al\_cd | varchar2(2) | PK | Code associated with the State or territory that has a signed DSMOA or a CA outside the DSMOA program. | Must not be blank. Must be in the [US\_ST](#_US_ST) reference table. |
| comp\_id | varchar2(4) |  | The identifier of the DoD Component that provided a reimbursement to a State or territory outside the DSMOA program. | Must not be blank if dsmoa\_ca\_cd is “2.” Must be in the [COMPONENT](#_COMPONENT) reference table. |
| dsmoa\_ca\_sign\_cdt | number(8) |  | The date the DSMOA or CA outside the DSMOA program was signed. | Must not be blank if dsmoa\_ca\_cd is “1.” Must be in MMDDYYYY format. Must not be a future date. |
| ca\_app\_sign\_cdt | number(8) |  | The date the CA application was signed. | Must not be blank if dsmoa\_ca\_cd is “1.” Must be in MMDDYYYY format. Must not be a future date. |
| ca\_start\_cdt | number(8) |  | The date the CA period started. | Must not be blank if dsmoa\_ca\_cd is “1.” Must be in MMDDYYYY format. Must not be a future date. |
| ca\_end\_cdt | number(8) |  | The date the CA period ended/ will end. | Must not be blank if dsmoa\_ca\_cd is “1.” Must be in MMDDYYYY format. |
| dsmoa\_ca\_poc\_nm | varchar2(60) |  | The first and last name of the State or territory POC. | Must not be blank if dsmoa\_ca\_cd is “1.” |
| dsmoa\_ca\_poc\_tlphn\_id | varchar2(13) |  | The telephone number for the State or territory POC. | Must not be blank if dsmoa\_ca\_cd is “1.” Unformatted telephone number (i.e., no dashes or spaces). |
| reimb\_dera\_am | number(10,2) |  | The amount of DERA funding provided to the State or territory during the current reporting year, in actual dollars. Include all reimbursements, not just FY2015 funds. | Must be greater than or equal to zero. |
| reimb\_brac\_am | number(10,2) |  | The amount of BRAC funding provided to the State or territory during the current reporting year, in actual dollars. Include all reimbursements, not just FY2015 funds. | Must be greater than or equal to zero. |

# 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 all the installation and site 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 approved 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. DoD staff 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.

The Risk Contaminant (RISKCONT), Risk Contaminant Comparison (RISKCONT\_COMP), and United States County (US\_COUNTY) tables are not shown in their entirety because of their excessive length. They will be supplied upon request.

## CLNPRP\_PH\_IMP

The Cleanup Report Phase Impact reference table (clnprp\_ph\_imp) contains the valid codes and names to describe the Cleanup Process impacts.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| clnprp\_ph\_imp\_cd | varchar2(4) | PK | Indicates why a Cleanup Report phase schedule is impacted or affected. |
| clnprp\_ph\_imp\_nm | varchar2(30) |  | Text description of the reason why a Cleanup Report phase schedule is impacted or affected. |

Table Contents:

| **clnprp\_ph\_imp\_cd** | **clnprp\_ph\_imp\_nm** |
| --- | --- |
| CONT | Contracting |
| FUND | Funding |
| PERS | Personnel |
| REG | Regulatory |
| TECH | Technical |

## CLNUP\_MLST

The Cleanup Milestone reference table (clnup\_mlst) contains the valid codes and names of the specific program milestones to be completed during the Cleanup Process.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| clnup\_mlst\_cd | varchar2(2) | PK | Indicates the most recent Cleanup milestone accomplished. |
| clnup\_mlst\_nm | varchar2(80) |  | Name associated with the Cleanup milestone Code. |

Table Contents:

| **clnup\_mlst\_cd** | **clnup\_mlst\_nm** |
| --- | --- |
| 01 | Statement of Work |
| 02 | RI/FS Work Plan/Sampling and Analysis Plan |
| 03 | Community Relations Plan |
| 04 | Engineering Evaluation/Cost Analysis |
| 05 | Action Memorandum for a Removal Action |
| 06 | RI/RFI Report |
| 07 | FS/CMS Report |
| 08 | Proposed Plan |
| 09 | Record of Decision/Corrective Action Decision Document |
| 10 | 60% Remedial Design |
| 11 | Final Remedial Design |
| 12 | Remedial Action Plan (Including O&M Plans and Remedial Action Schedules) |
| 13 | Treat-ability Studies |
| 14 | Begin Cleanup |
| 15 | Continue Cleanup |
| 16 | Complete Cleanup |
| 17 | Remedy in Place |
| 18 | Interim Remedial Action (IRA) Complete |
| 19 | Remedial Action-Construction Completed |
| 20 | RA-O Complete |
| 21 | Response Complete |
| 22 | No Further Action |
| 23 | Closeout for Site (Project for FUDS or Installation) |

## 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 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 |

## CTRY

The Country reference table (ctry) contains the valid codes and names of the countries.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| ctry\_cd | varchar2(2) | PK | The code that represents a country. |
| ctry\_nm | varchar2(50) |  | Name of the country. |

Table Contents:

| **ctry\_cd** | **ctry\_nm** |
| --- | --- |
| A2 | Guantanamo Bay Naval Base |
| AA | Aruba |
| AC | Antigua and Barbuda |
| AF | Afghanistan |
| AG | Algeria |
| AJ | Azerbaijan |
| AL | Albania |
| AM | Armenia |
| AN | Andorra |
| AO | Angola |
| AQ | American Samoa |
| AR | Argentina |
| AS | Australia |
| AT | Ashmore and Cartier Islands |
| AU | Austria |
| AV | Anguilla |
| AY | Antarctica |
| BA | Bahrain |
| BB | Barbados |
| BC | Botswana |
| BD | Bermuda |
| BE | Belgium |
| BF | Bahamas, The |
| BG | Bangladesh |
| BH | Belize |
| BI | Bonaire, Sint Eustatius, And Saba |
| BK | Bosnia and Herzegovina |
| BL | Bolivia |
| BM | Burma |
| BN | Benin |
| BO | Belarus |
| BP | Solomon Islands |
| BQ | Navassa Island |
| BR | Brazil |
| BS | Bassas Da India |
| BT | Bhutan |
| BU | Bulgaria |
| BV | Bouvet Island |
| BX | Brunei |
| BY | Burundi |
| CA | Canada |
| CB | Cambodia |
| CC | Curacao |
| CD | Chad |
| CE | Sri Lanka |
| CF | Congo (brazzaville) |
| CG | Zaire |
| CH | China |
| CI | Chile |
| CJ | Cayman Islands |
| CK | Cocos (Keeling) Islands |
| CL | Congo (kinshasa) |
| CM | Cameroon |
| CN | Comoros |
| CO | Colombia |
| CQ | Northern Mariana Islands |
| CR | Coral Sea Islands |
| CS | Costa Rica |
| CT | Central African Republic |
| CU | Cuba |
| CV | Cape Verde |
| CW | Cook Islands |
| CY | Cyprus |
| DA | Denmark |
| DH | Dhekelia |
| DG | Diego Garcia |
| DJ | Djibouti |
| DO | Dominica |
| DQ | Jarvis Island |
| DR | Dominican Republic |
| EC | Ecuador |
| EG | Egypt |
| EI | Ireland |
| EK | Equatorial Guinea |
| EN | Estonia |
| ER | Eritrea |
| ES | El Salvador |
| ET | Ethiopia |
| EU | Europa Island |
| EZ | Czech Republic |
| FG | French Guiana |
| FI | Finland |
| FJ | Fiji |
| FK | Falkland Islands (Islas Malvinas) |
| FM | Federated States of Micronesia |
| FO | Faroe Islands |
| FP | French Polynesia |
| FQ | Baker Island |
| FR | France |
| FS | French Southern and Antarctic Lands |
| GA | Gambia, The |
| GB | Gabon |
| GG | Georgia |
| GH | Ghana |
| GI | Gibraltar |
| GJ | Grenada |
| GK | Guernsey |
| GL | Greenland |
| GM | Germany |
| GO | Glorioso Islands |
| GP | Guadeloupe |
| GQ | Guam |
| GR | Greece |
| GT | Guatemala |
| GV | Guinea |
| GY | Guyana |
| GZ | Gaza Strip |
| HA | Haiti |
| HK | Hong Kong |
| HM | Heard Island and McDonald Islands |
| HO | Honduras |
| HQ | Howland Island |
| HR | Croatia |
| HU | Hungary |
| IC | Iceland |
| ID | Indonesia |
| IM | Isle of Man |
| IN | India |
| IO | British Indian Ocean Territory |
| IP | Clipperton Island |
| IR | Iran |
| IS | Israel |
| IT | Italy |
| IV | Cote D’ivoire |
| IZ | Iraq |
| JA | Japan |
| JE | Jersey |
| JM | Jamaica |
| JN | Jan Mayen |
| JO | Jordan |
| JQ | Johnston Atoll |
| JU | Juan De Nova Island |
| KE | Kenya |
| KG | Kyrgyzstan |
| KN | Korea, North |
| KQ | Kingman Reef |
| KR | Kiribati |
| KS | Korea, South |
| KT | Christmas Island |
| KU | Kuwait |
| KZ | Kazakhstan |
| LA | Laos |
| LE | Lebanon |
| LG | Latvia |
| LH | Lithuania |
| LI | Liberia |
| LO | Slovakia |
| LQ | Palmyra Atoll |
| LS | Liechtenstein |
| LT | Lesotho |
| LU | Luxembourg |
| LY | Libya |
| MA | Madagascar |
| MB | Martinique |
| MC | Macau |
| MD | Moldova |
| ME | Montenegro |
| MF | Mayotte |
| MG | Mongolia |
| MH | Montserrat |
| MI | Malawi |
| MK | Macedonia |
| ML | Mali |
| MN | Monaco |
| MO | Morocco |
| MP | Mauritius |
| MQ | Midway Islands |
| MR | Mauritania |
| MT | Malta |
| MU | Oman |
| MV | Maldives |
| MX | Mexico |
| MY | Malaysia |
| MZ | Mozambique |
| NC | New Caledonia |
| NE | Niue |
| NF | Norfolk Island |
| NG | Niger |
| NH | Vanuatu |
| NI | Nigeria |
| NL | Netherlands |
| NM | No Man’s Land |
| NO | Norway |
| NP | Nepal |
| NR | Nauru |
| NS | Suriname |
| NT | Netherlands Antilles |
| NU | Nicaragua |
| NZ | New Zealand |
| PA | Paraguay |
| PC | Pitcairn Islands |
| PE | Peru |
| PF | Paracel Islands |
| PG | Spratly Islands |
| PK | Pakistan |
| PL | Poland |
| PM | Panama |
| PO | Portugal |
| PP | Papua New Guinea |
| PS | Palau, Pacific Islands Trust Territory |
| PT | Palestinian Territory |
| PU | Guinea-Bissau |
| QA | Qatar |
| QP | Etorofu, Habomai, Kunashiri, And Shikotan Islands |
| QZ | Akrotiri |
| RE | Reunion |
| RM | Marshall Islands |
| RO | Romania |
| RP | Philippines |
| RQ | Puerto Rico |
| RS | Russia |
| RW | Rwanda |
| SA | Saudi Arabia |
| SB | St. Pierre and Miquelon |
| SC | St. Kitts and Nevis |
| SD | St. Barthelemy |
| SE | Seychelles |
| SF | South Africa |
| SG | Senegal |
| SH | St. Helena, Ascension, And Tristan Da Cunha |
| SI | Slovenia |
| SJ | St. Martin |
| SK | Sint Maarten |
| SL | Sierra Leone |
| SM | San Marino |
| SN | Singapore |
| SO | Somalia |
| SP | Spain |
| SR | Serbia |
| SS | South Sudan |
| ST | St. Lucia |
| SU | Sudan |
| SV | Svalbard |
| SW | Sweden |
| SX | South Georgia & South Sandwich Is. |
| SY | Syria |
| SZ | Switzerland |
| TC | United Arab Emirates |
| TD | Trinidad and Tobago |
| TE | Tromelin Island |
| TH | Thailand |
| TI | Tajikistan |
| TK | Turks and Caicos Islands |
| TL | Tokelau |
| TM | Timor-Leste |
| TN | Tonga |
| TO | Togo |
| TP | Sao Tome and Principe |
| TS | Tunisia |
| TU | Turkey |
| TV | Tuvalu |
| TW | Taiwan |
| TX | Turkmenistan |
| TZ | Tanzania |
| UG | Uganda |
| UK | United Kingdom |
| UP | Ukraine |
| US | United States |
| UV | Burkina Faso |
| UY | Uruguay |
| UZ | Uzbekistan |
| VC | St. Vincent and the Grenadines |
| VE | Venezuela |
| VI | Virgin Islands, British |
| VM | Vietnam |
| VQ | Virgin Islands of the United States |
| VT | Vatican City |
| WA | Namibia |
| WE | West Bank |
| WF | Wallis and Futuna |
| WI | Western Sahara |
| WQ | Wake Island |
| WS | Western Samoa |
| WZ | Swaziland |
| XK | Kosovo |
| YI | Yugoslavia |
| YM | Yemen |
| ZA | Zambia |
| ZI | Zimbabwe |

## ENVRNMNTL\_RSTRT

The Environmental Restoration Site Phase reference table (envrnmntl\_rstrt) contains the valid codes and names to describe the status of a phase at a site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| envrnmntl\_rstrt\_cd | varchar2(1) | PK | Indicates the status of an Environmental Restoration Site phase (i.e., planned, underway, or completed). |
| envrnmntl\_rstrt\_nm | varchar2(30) |  | Name associated to an Environmental Restoration Site Phase Status. |

Table Contents:

| **envrnmntl\_rstrt\_cd** | **envrnmntl\_rstrt\_nm** |
| --- | --- |
| C | Action Completed |
| F | Planned for Future Action |
| U | Underway |

## ENVST\_PENALTY\_ST

The Environmental Compliance Fine Penalty Status reference table (envst\_penalty\_st) contains the valid codes and names to identify a monetary penalty for failing to adhere to an Environmental standard.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| envst\_penlty\_st\_cd | varchar2(1) | PK | Indicates the penalty status of the sites stipulated. |
| envst\_penlty\_st\_nm | varchar2(40) |  | Name associated to the Environmental Compliance Fine Status. |

Table Contents:

| **envst\_penlty\_ st\_cd** | **envst\_penlty\_st\_nm** |
| --- | --- |
| A | Stipulated penalties assessed |
| N | Stipulated penalties not assessed |
| D | Stipulated penalties on dispute |
| P | Stipulated penalties proposed |
| S | Stipulated penalties settled |

## 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 |

## FYR\_RVW

The Five-Year Review reference table (fyr\_rvw) contains the valid codes and names to denote the status of a five-year review.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| fyr\_rvw\_cd | varchar2(3) | PK | Indicates whether the five-year review is planned, completed, and/or underway. |
| fyr\_rvw\_nm | varchar2(60) |  | Name associated to the five-year review code. |

Table Contents:

| **fyr\_rvw\_cd** | **fyr\_rvw\_nm** |
| --- | --- |
| C | Five-year review completed |
| CUF | Five-year review completed, underway, and planned for the future. |
| F | Five-year review planned for the future |
| FC | Five-year review completed and planned for the future |
| U | Five-year review underway |
| UC | Five-year review completed and currently underway |
| UF | Five-year review underway and planned for the future |

## 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 |

## INT\_REMED\_ACT

The Interim Remedial Action reference table (int\_remed\_act) contains the valid codes and names of environmental response actions, including remedial and removal actions prior to final cleanup decision.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rmdyactn\_rmdy\_cd | varchar2(3) | PK | Indicates the remedial action. |
| rmdyactn\_rmdy\_nm | varchar2(50) |  | Name of the remedial action. |

Table Contents:

| **rmdyactn\_rmdy\_cd** | **rmdyactn\_rmdy\_nm** |
| --- | --- |
| A0 | INSTITUTIONAL CONTROLS |
| A1 | FENCE OR OTHER SITE ACCESS CONTROL MEASURES |
| B1 | DRAINAGE CONTROLS |
| C1 | ALTERNATE WATER SUPPLY/WATER SUPPLY TREATMENT |
| D1 | INCINERATION |
| E0 | REMOVAL |
| E1 | WASTE REMOVAL – SOILS |
| F1 | GROUND WATER TREATMENT |
| F11 | BIOREMEDIATION – IN SITU GROUNDWATER |
| F12 | DUAL-PHASE EXTRACTION |
| F13 | FREE PRODUCT RECOVERY |
| F14 | AIR SPARGING |
| F15 | HOT WATER/STEAM FLUSHING |
| F16 | PASSIVE TREATMENT WELLS |
| F17 | HYDROFRACTURING (ENHANCEMENT) |
| F18 | BIOREACTORS (EX SITU) |
| F19 | AIR STRIPPING |
| F20 | CARBON ADSORPTION |
| F21 | UV OXIDATION |
| F3 | NATURAL ATTENUATION |
| G1 | LONG-TERM MONITORING |
| H1 | BIOREMEDIATION |
| H11 | BIOVENTING |
| H12 | BIOREMEDIATION – IN SITU |
| H13 | SLURRY-PHASE BIOREMEDIATION |
| H14 | CONTROLLED SOLID-PHASE BIOREMEDIATION |
| H15 | LANDFARMING |
| H16 | COMPOSTING |
| I0 | CONTAINMENT |
| I1 | CAPPING |
| I2 | SLURRY WALLS/UNDERGROUND BARRIERS |
| I3 | FUGITIVE DUST COVER/CONTROL |
| J1 | WASTE REMOVAL – DRUMS, TANKS, BULK CONTAINERS |
| K1 | SOIL VAPOR TREATMENT |
| L1 | OTHER |
| M1 | IN SITU SOIL TREATMENT |
| M11 | SOIL VAPOR EXTRACTION |
| M12 | SOIL FLUSHING |
| M13 | VITRIFICATION |
| M14 | THERMALLY ENHANCED SVE |
| M15 | PNEUMATIC FRACTURING (ENHANCEMENT) |
| N1 | EX SITU SOIL TREATMENT |
| N11 | SOLIDIFICATION/STABILIZATION |
| N12 | THERMAL DESORPTION |
| N13 | CHEMICAL REDUCTION/OXIDATION |
| N14 | DEHALOGENATION |
| N15 | SOIL WASHING |
| N16 | ACID EXTRACTION |
| N17 | SOLVENT EXTRACTION |
| N18 | INCINERATION |
| P1 | ALTERNATE HABITAT |
| Q1 | WASTE REMOVAL – LIQUIDS |
| R1 | WASTE REMOVAL – SLUDGES |
| S1 | WASTE REMOVAL – SOLIDS (NON-SOIL) |

## MSR\_UN

The Measure Unit reference table (msr\_un) contains the valid codes and names for measuring contaminant levels at an Environmental Restoration Site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| msr\_unt\_cd | varchar2(2) | PK | Indicates the unit or measurement associated with the contaminant and medium as indicated in the DoD contaminant master table in the Relative Risk Site Evaluation Primer. |
| msr\_unt\_nm | varchar2(100) |  | Name of the measure unit. |

Table Contents:

| **msr\_unt\_cd** | msr\_unt\_nm |
| --- | --- |
| 01 | (ug/L) micrograms per liter |
| 02 | (mg/L) milligrams per liter |
| 03 | (ug/kg) micrograms per kilogram |
| 04 | (mg/kg) milligrams per kilogram |
| 05 | (mRem/yr) millirem per year |
| 06 | (pCi/g) picocuries per gram |
| 07 | (ppm) parts per million |
| 08 | (ppb) parts per billion |
| 09 | (ppt) parts per trillion |
| 10 | (f/L) fibers per liter |
| 11 | (uRem/hr) microrem per hour |
| 12 | (pCi/m2/sec) picocuries per square meter per second |
| 13 | (lbs/day) pounds per day |
| 14 | (Rem/yr) rem per year |
| 15 | (ng/L) nanograms per liter |
| 16 | (ug/g) micrograms per gram |
| 20 | (pCi/L) picocuries per liter |
| 21 | (ug/m3) micrograms per cubic meter |
| 23 | (f/m3) fibers per cubic meter |
| 24 | (ug/100 cm2) micrograms per hundred (100) square centimeters |
| 25 | (g/kg) grams per kilogram |
| 26 | (%) percent |
| 27 | (pCi/kg) picocuries per kilogram |
| 28 | (pCi/m3) picocuries per cubic meter |

## P\_AGREEMENT

The Agreement (p\_agreement) reference table contains the valid codes and names for the agreement in place an Environmental Restoration Site. **NOTE: Values “A” and “B” are only valid for a “CERCLA” legal driver. Values “D” through “F” are only valid for a “RCRA” legal driver Value “G” is only valid for a “State” legal driver.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| agreement\_cd | varchar2(1) | PK | Identifies the agreement in place at an Environmental Restoration Site. |
| agreement\_nm | varchar2(75) |  | Name associated with the agreement code. |

Table Contents:

| **agreement\_cd** | **agreement\_nm** |
| --- | --- |
| A | FFA/IAG at NPL Sites |
| B | IAG at non-NPL Sites |
| C | Decision document at non-NPL sites |
| D | RCRA Permits with Corrective Action |
| E | RCRA Corrective Action Orders |
| F | Notice of Violation Requirements |
| G | Consent Order under State Laws |
| H | Natural Resource Trustee related requirements claim |
| I | Court ordered requirements (in case of litigation) |
| J | Consent Decree (usually third party sites) |
| K | Unilateral Orders (usually third party sites) |
| L | Memoranda of Understanding |
| M | Memoranda of Agreement commitments (other than DSMOA) |
| N | Congressional interest |
| O | Owner/Stakeholder concerns |
| Z | Not Applicable |

## 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\_BRAC\_TYPE

The BRAC Type reference table (p\_brac\_type) contains the valid codes and names of a type of BRAC action.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| brac\_clsr\_type\_cd | varchar2(1) | PK | BRAC type, indicating the type of BRAC activity at an installation. |
| brac\_clsr\_type\_nm | varchar2(80) |  | Name of the BRAC type. |

Table Contents:

| **brac\_clsr\_type\_cd** | **brac\_clsr\_type\_nm** |
| --- | --- |
| C | Closure |
| M | Major realignment with property to be transferred out of DoD |
| R | Realignment other than major |

## P\_CHF

The CHF reference table (p\_chf) contains the valid codes, names, and descriptions of contaminants in relation to Relative Risk comparison values.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_media\_chf\_cd | varchar2(1) | PK | Indicates the CHF for the medium. A qualitative rating based on the aggregate sum of the contaminant ratios detected for the medium. |
| rr\_media\_chf\_nm | varchar2(50) |  | Name of the relative risk medium CHF code. |
| rr\_media\_chf\_desc\_tx | varchar2(300) |  | Description of the relative risk medium CHF code. |

Table Contents:

| **rr\_media\_chf\_cd** | **rr\_media\_chf\_nm** | **rr\_media\_chf\_desc\_tx** |
| --- | --- | --- |
| D | Moderate; Total Ratio is 2-100 | Sum of ratios [maximum concentration/comparison value] = 2 – 100 |
| E | Not Evaluated (NE) | Not Evaluated or no data provided |
| M | Minimal; Total Ratio is less than 2 | Sum of ratios [maximum concentration/comparison value] < 2 |
| N | No Significant Data (NSD) |  |
| S | Significant; Total Ratio is greater than 100 | Sum of ratios [maximum concentration/comparison value] > 100 |

## P\_DSMOA\_CA

The Defense and State Memorandum of Agreement (DSMOA)/Cooperative Agreement (CA) reference table (p\_dsmoa\_ca) contains the valid codes and names to denote whether there is a signed DSMOA or a CA outside the DSMOA program.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| dsmoa\_ca\_cd | varchar2(1) | PK | Indicates whether there is a signed DSMOA or a CA outside the DSMOA program. |
| dsmoa\_ca\_nm | varchar2(30) |  | Name associated with the signed DSMOA or CA. |

Table Contents:

| **dsmoa\_ca\_cd** | **dsmoa\_ca\_nm** |
| --- | --- |
| 1 | DSMOA Program |
| 2 | CA Outside the DSMOA Program |

## P\_LANDOWNER

The Landowner reference table (p\_landowner) contains the valid codes and names for identifying the landowners associated with an Environmental Restoration Site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| landowner\_cd | varchar2(5) | PK | Identifies the landowner associated with an Environmental Restoration Site. |
| landowner\_nm | varchar2(25) |  | The name of the landowner associated with an Environmental Restoration Site. |

Table Contents:

| **landowner\_cd** | **landowner\_nm** |
| --- | --- |
| BLM | Bureau of Land Management |
| DOD | Department of Defense |
| FED | Other Federal Government |
| FWS | Fish and Wildlife Service |
| LOCAL | Local Government |
| NPS | National Park Service |
| PRIV | Private Sector |
| STATE | State Government |
| TRIBE | Native American Tribe |
| USFS | US Forest Service |
| FEDAG | Federal Agency |
| PUBLC | Public Sector |
| OTHER | Other |

## P\_LEGAL\_DRVR

The Legal Driver reference table (p\_legal\_drvr) contains the valid codes and names of a significant legal mandate that governs environmental action.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| legal\_drvr\_cd | varchar2(6) | PK | Identifies the legal mandate that governs the environmental action for the site. |
| legal\_drvr\_nm | varchar2(140) |  | The name of the legal mandate. |

Table Contents:

| **legal\_drvr\_cd** | **legal\_drvr\_nm** |
| --- | --- |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| RCRA | Resource Conservation and Recovery Act |
| State | State mandate |
| Other | Other mandate |

## P\_LUC\_ACCESS

The LUC Access reference table (p\_luc\_access) contains the valid codes and names for the level of access to a site in accordance with the LUC(s) at a site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| luc\_access\_cd | varchar2(2) | PK | Indicates the level of access to a site in accordance with the LUC(s) at the site. |
| luc\_access\_nm | varchar2(275) |  | Name associated to the level of access at a site. |

Table Contents:

| **luc\_access\_cd** | **luc\_access\_nm** |
| --- | --- |
| 01 | No public access: the public is prevented from making use of the property to prevent the potential for human exposure to contamination, ensure human safety, and protect the integrity of the remedy. |
| 02 | Restricted public access: access to the site or activities permitted on the site are limited to modify or guide human behavior to minimize the potential for human exposure to contamination, ensure human safety, and protect the integrity of the remedy. |
| 03 | Unlimited public access: the public has the freedom or ability to obtain or make use of the property. |

## P\_LUC\_DOC\_TYPE

The LUC Document Type reference table (p\_luc\_doc\_type) contains the valid codes and names of the type of documentation where an installation’s or property’s LUC information is described.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| luc\_doc\_type\_cd | varchar2(2) | PK | Indicates the type of document where the LUC information is located. |
| luc\_doc\_type\_nm | varchar2(30) |  | The name of the type of document where the LUC information is located. |

Table Contents:

| **luc\_doc\_type\_cd** | **luc\_doc\_type\_nm** |
| --- | --- |
| 01 | RI/FS |
| 02 | ROD |
| 03 | Design Documents |
| 04 | Decision Documents |
| 05 | Other |
| 06 | Deed |
| 07 | FOST/FOSET/SEBS |
| 08 | Fed-to-Fed Transfer DD1394 |
| 09 | Lease |
| 10 | Master Plan |
| 11 | LUC Implementation Plan |

## P\_LUC\_MONITOR

The LUC Monitoring reference table (p\_luc\_monitor) contains the valid codes and names for the monitoring frequencies associated with a LUC.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| luc\_monitor\_cd | varchar2(2) | PK | Indicates the frequency of the LUC monitoring. |
| luc\_monitor\_nm | varchar2(20) |  | The name of the frequency of the LUC monitoring. |

Table Contents:

| **luc\_monitor\_cd** | **luc\_monitor\_nm** |
| --- | --- |
| 01 | Daily |
| 02 | Weekly |
| 03 | Twice monthly |
| 04 | Monthly |
| 05 | Quarterly |
| 06 | Twice annually |
| 07 | Annually |
| 08 | Every five years |
| 09 | Other |
| 10 | Schedule not defined |
| 11 | Every two months |
| 12 | Every two years |

## P\_LUC\_RESTRICT

The LUC Restriction reference table (p\_luc\_restrict) contains the valid codes and names of the restrictions at an installation or property.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| luc\_restrict\_cd | varchar2(2) | PK | Identifies the use restriction associated with a LUC. |
| luc\_restrict\_nm | varchar2(100) |  | The name of the use restriction associated with a LUC. |

Table Contents:

| **luc\_restrict\_cd** | **luc\_restrict\_nm** |
| --- | --- |
| 01 | Prohibit residential use |
| 02 | Prohibit sensitive use (e.g., hospital, daycare, school) |
| 04 | Prohibit human consumption of groundwater |
| 06 | Prohibit installation of drinking water well |
| 07 | Prohibit agricultural/irrigation/livestock use of groundwater |
| 09 | Prohibit exposure to surface water |
| 10 | Prohibit exposure to soils |
| 12 | Prohibit exposure to sediments |
| 14 | Restrict land use to industrial/commercial only |
| 15 | Prohibit agricultural and park land use |
| 98 | Other |

## P\_LUC\_TYPE

The LUC Type reference table (p\_luc\_type) contains the valid codes and names of the type of LUCs at an installation or property.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| luc\_type\_cd | varchar2(2) | PK | Identifies the type of LUC at an installation or property. |
| luc\_type\_nm | varchar2(40) |  | The name of the type of LUC at an installation or property. |
| luc\_type\_desc\_tx | varchar2(300) |  | The description of the type of LUC at an installation or property. |

Table Contents:

| **luc\_type\_cd** | **luc\_type\_nm** | **luc\_type\_desc\_tx** |
| --- | --- | --- |
| 01 | None | No LUC required. |
| 02 | Environmental covenants | Requires action on the part of the covenanter; imposes a duty to perform an affirmative act (e.g. build a fence). |
| 03 | Easements | Non-possessory right to use land in the possession of another where this right benefits the holder in a personal sense, whether or not he owns particular land. |
| 07 | Dig permits | Institutional control that helps minimize the potential for human exposure to contamination and/or protect the integrity of the remedy by controlling excavation activities in areas of potential contamination. |
| 08 | Deed restrictions | Covenant contained in a deed imposing limits on the use or occupancy of the real estate or the type, size, purpose, or location of improvements to be constructed on it. |
| 09 | Deed notices | Documents filed in public land records with the property deed that provide information about potential health risks from contamination left on the property to the future buyers or other interested parties. |
| 12 | Fences | A physical barrier (e.g., wooden, chain link, corrugated steel) used to provide protection from exposure to contaminants that exist or remain on a site. |
| 13 | Guards | The use of guard personnel to provide protection from exposure to contaminants that exist or remain on a site. |
| 15 | Local use ordinances | Institutional control that helps minimize the potential for human exposure to contamination and/or protect the integrity of the remedy by the enforcement of applicable local land use rules and regulations. |
| 18 | Notations in master plan | Institutional control that helps minimize the potential for human exposure to contamination and/or protect the integrity of the remedy by making applicable edits/additions to the installation master plan based on the implementation of a specific action. |
| 24 | Signs | Institutional control that helps minimize the potential for human exposure to contamination and/or protect the integrity of the remedy by posting signage of possible hazards in areas of potential contamination. |
| 25 | Zoning | Institutional control that helps minimize the potential for human exposure to contamination and/or protect the integrity of the remedy by local governments regulating non-federal land for specific used in areas of potential contamination. |
| 98 | Other engineering control |  |
| 99 | Other administrative/ institutional control |  |

## P\_MEDIA

The Relative Risk Media reference table (p\_media) contains the valid codes and descriptions of Environmental media of concern.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_media\_cd | varchar2(2) | PK | Indicates the relative risk medium. |
| rr\_media\_nm | varchar2(30) |  | Name of the relative risk medium. |
| rr\_media\_grp\_tx | varchar2(20) |  | Indicates the category (group) of a relative risk medium. |

Table Contents:

| **rr\_media\_cd** | **rr\_media\_nm** | **rr\_media\_grp\_tx** |
| --- | --- | --- |
| GW | Groundwater | Groundwater |
| SE | Sediment (Ecological) | Sediment |
| SF | Sediment (Fresh) | Sediment |
| SH | Sediment (Human) | Sediment |
| SL | Soil | Soil |
| SM | Sediment (Marine) | Sediment |
| SW | Surface Water | Surface Water |
| WE | Surface Water (Ecological) | Surface Water |
| WF | Surface Water (Fresh) | Surface Water |
| WH | Surface Water (Human) | Surface Water |
| WM | Surface Water (Marine) | Surface Water |

## P\_MPF

The MPF reference table (p\_mpf) contains the valid codes and names to indicate the extent of contaminant migration for a medium.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| rr\_media\_mpf\_cd | varchar2(1) | PK | Indicates the MPF for the medium or the likelihood or extent of contaminant migration at a site. It is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. |
| rr\_media\_mpf\_nm | varchar2(50) |  | Name of the relative risk medium MPF. |

Table Contents:

| **rr\_media\_mpf\_cd** | **rr\_media\_mpf\_nm** |
| --- | --- |
| C | Confined – Contaminant movement is unlikely |
| E | Evident – Contaminant movement is observable |
| N | Not Evaluated (NE) |
| P | Potential – Contaminant movement is possible |
| S | No Significant Data (NSD) |

## P\_MRSPP\_CHANGE

The MRSPP Change reference table (p\_mrspp\_change) contains the valid codes and names for specifying the reason for changing the overall MRSPP relative priority associated with an MRS.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_chg\_cd | varchar2(2) | PK | Identifies the reason for changing the overall MRSPP relative priority for an MRS. |
| mrspp\_chg\_nm | varchar2(150) |  | Describes the reason for changing the overall MRSPP relative priority for an MRS. |

Table Contents:

| **mrspp\_chg\_cd** | **mrspp\_chg\_nm** |
| --- | --- |
| 01 | Site achieved RC. |
| 02 | Site previously had an evaluation pending priority. |
| 03 | New data obtained through further study resulting in a revision to one or more subordinate MRSPP ratings that had previous been completed. |
| 04 | Adjusted priority based on completion of an additional MRSPP module, when only one previous rating had been completed. |
| 05 | Adjusted priority based on completion of an additional MRSPP module, when only two previous ratings have been completed. |
| 06 | Adjusted priority based on data entry error. |
| 07 | Adjusted priority based on mathematical and/or methodological error. |
| 10 | Adjusted priority based on input from stakeholders. |
| 99 | Other, see corresponding narrative description. |

## P\_MRSPP\_CHE

The MRSPP CHE reference table (p\_mrspp\_che) contains the valid codes and names for specifying the MRSPP Chemical Warfare Materiel (CWM) hazard evaluation module’s rating for an MRS.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_che\_cd | varchar2(2) | PK | Identifies the MRSPP CHE module’s rating for an MRS. |
| mrspp\_che\_nm | varchar2(65) |  | Describes the MRSPP CHE module’s rating for an MRS. |

Table Contents:

| **mrspp\_che\_cd** | **mrspp\_che\_nm** |
| --- | --- |
| 01 | Highest Chemical Hazard Evaluation (CHE) priority. |
| 02 | Second Chemical Hazard Evaluation (CHE) priority. |
| 03 | Third Chemical Hazard Evaluation (CHE) priority. |
| 04 | Fourth Chemical Hazard Evaluation (CHE) priority. |
| 05 | Fifth Chemical Hazard Evaluation (CHE) priority. |
| 06 | Sixth Chemical Hazard Evaluation (CHE) priority. |
| 07 | Seventh Chemical Hazard Evaluation (CHE) priority. |
| 09 | MRSPP evaluation pending. |
| 10 | MRSPP evaluation no longer required. |
| 11 | No known or suspected Chemical Warfare Materiel (CWM) hazard. |

## P\_MRSPP\_EHE

The MRSPP EHE reference table (p\_mrspp\_ehe) contains the valid codes and names for specifying the MRSPP EHE module’s rating for an MRS.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_ehe\_cd | varchar2(2) | PK | Identifies the MRSPP EHE module’s rating for an MRS. |
| mrspp\_ehe\_nm | varchar2(55) |  | Describes the MRSPP EHE module’s rating for an MRS. |

Table Contents:

| **mrspp\_ehe\_cd** | **mrspp\_ehe\_nm** |
| --- | --- |
| 02 | Highest Explosive Hazard Evaluation (EHE) priority. |
| 03 | Second Explosive Hazard Evaluation (EHE) priority. |
| 04 | Third Explosive Hazard Evaluation (EHE) priority. |
| 05 | Fourth Explosive Hazard Evaluation (EHE) priority. |
| 06 | Fifth Explosive Hazard Evaluation (EHE) priority. |
| 07 | Sixth Explosive Hazard Evaluation (EHE) priority. |
| 08 | Seventh Explosive Hazard Evaluation (EHE) priority. |
| 09 | MRSPP evaluation pending. |
| 10 | MRSPP evaluation no longer required. |
| 11 | No known or suspected explosive hazard. |

## P\_MRSPP\_HHE

The MRSPP HHE reference table (p\_mrspp\_hhe) contains the valid codes and names or specifying the MRSPP HHE module’s rating for an MRS.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_hhe\_cd | varchar2(2) | PK | Identifies the MRSPP HHE module’s rating for an MRS. |
| mrspp\_hhe\_nm | varchar2(50) |  | Describes the MRSPP HHE module’s rating for an MRS. |

Table Contents:

| **mrspp\_hhe\_cd** | **mrspp\_hhe\_nm** |
| --- | --- |
| 02 | Highest Health Hazard Evaluation (HHE) priority. |
| 03 | Second Health Hazard Evaluation (HHE) priority. |
| 04 | Third Health Hazard Evaluation (HHE) priority. |
| 05 | Fourth Health Hazard Evaluation (HHE) priority. |
| 06 | Fifth Health Hazard Evaluation (HHE) priority. |
| 07 | Sixth Health Hazard Evaluation (HHE) priority. |
| 08 | Seventh Health Hazard Evaluation (HHE) priority. |
| 09 | MRSPP evaluation pending. |
| 10 | MRSPP evaluation no longer required. |
| 11 | No known or suspected health hazard. |

## P\_MRSPP\_PRIORITY

The MRSPP Priority reference table (p\_mrspp\_priority) contains the valid codes and names for specifying the overall MRSPP relative priority associated with an MRS.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_priority\_cd | varchar2(2) | PK | Identifies the overall MRSPP relative priority for an MRS. |
| mrspp\_priority\_nm | varchar2(40) |  | Describes the overall MRSPP relative priority for an MRS. |

Table Contents:

| **mrspp\_priority\_cd** | **mrspp\_priority\_nm** |
| --- | --- |
| 01 | Highest MRSPP priority. |
| 02 | Second MRSPP priority. |
| 03 | Third MRSPP priority. |
| 04 | Fourth MRSPP priority. |
| 05 | Fifth MRSPP priority. |
| 06 | Sixth MRSPP priority. |
| 07 | Seventh MRSPP priority. |
| 08 | Eighth MRSPP priority. |
| 09 | MRSPP evaluation pending. |
| 10 | MRSPP evaluation no longer required. |
| 11 | No known or suspected hazard. |

## P\_MRSPP\_QA\_RSN

The MRSPP QA Reason reference table (p\_mrspp\_qa\_rsn) contains the valid codes and names for specifying the reason for changing an MRS’s relative priority, during the current reporting year, based on the QA panel’s recommendation.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_qa\_rsn\_cd | varchar2(2) | PK | Identifies the reason for changing an MRS’s relative priority during the current reporting year, based on the QA panel’s recommendation. |
| mrspp\_qa\_rsn\_nm | varchar2(400) |  | Describes the reason for changing an MRS’s relative priority during the current reporting year, based on the QA panel’s recommendation. |

Table Contents:

| **mrspp\_qa\_rsn\_cd** | **mrspp\_qa\_rsn\_nm** |
| --- | --- |
| 01 | Scores within a module are not added correctly (i.e., math error) or tabulation of all modules is incorrect; correction changes the rating and priority. |
| 02 | Information provided was not applied properly to an MRS, resulting in a higher or lower score than actually justified. |
| 03 | Information provided in the report (e.g., Site Inspection) used when applying the MRSPP to an MRS does not support the score recorded on a specific table. For example, Table 1, Munitions Type, scored as 30 [sensitive], but munitions known or suspected to be used at the MRS do not meet the categorical definitions of “sensitive”. |
| 04 | The MRS’s score does not reflect the most current investigation, referring instead to the Archive Search Report (ASR) or Historical Records Review (HRR). |
| 05 | Insufficient rationale provided for disregarding the results from a recent field investigation. |
| 06 | An MRS’s score is inflated based on stakeholder input, reflecting a higher priority than information within a report justifies; project team uses “risk-plus” factors in determining the MRS priority rather than as part of sequencing. |

## P\_MRSPP\_SEQUENCE

The MRSPP Sequence reference table (p\_mrspp\_sequence) contains the valid codes and names for specifying the reason for addressing an MRS out of sequence.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| mrspp\_sequence\_cd | varchar2(2) | PK | Identifies the reason for addressing an MRS out of sequence (i.e., performing a munitions response activity after the SI on an MRS with a lower relative priority before an MRS with a higher relative priority). |
| mrspp\_sequence\_nm | varchar2(460) |  | Describes the reason for addressing an MRS out of sequence (i.e., performing a munitions response activity after the SI on an MRS with a lower relative priority before an MRS with a higher relative priority). |

Table Contents:

| **mrspp\_sequence\_cd** | **mrspp\_sequence\_nm** |
| --- | --- |
| 01 | Not out of sequence. |
| 02 | Concerns expressed by regulators or stakeholders. |
| 03 | Cultural and social factors. |
| 04 | Economic factors, including economic considerations pertaining to environmental justice issues, economies of scale, evaluation of total life cycle costs, and estimated valuations of long-term liabilities. |
| 05 | Findings of health, safety, or ecological risk assessments or evaluations based on MRS (Munitions Response Site) specific data. |
| 06 | Reasonably anticipated future land use, especially when planning response actions, conducting evaluation of response alternatives, or establishing specific response action objectives. |
| 07 | A community’s reuse requirements at Base Realignment and Closure (BRAC) installations. |
| 08 | Specialized considerations of tribal trust lands, held in trust by the United States for the benefit of any tribe or individual. The United States holds the legal title to the land and the tribe holds the beneficial interest. |
| 09 | Implementation and execution considerations (e.g., funding availability; the availability of the necessary equipment and people to implement a particular action; examination of alternatives to responses that entail significant capital investments, a lengthy period of operation, or costly maintenance; alternatives to removal or treatment of contamination when existing technology cannot achieve established standards, such as maximum contaminant levels). |
| 10 | Mission-driven requirements. |
| 11 | The availability of appropriate technology (e.g., technology to detect, discriminate, recover, and destroy UXO). |
| 12 | Implementing standing commitments, including those in formal agreements with regulatory agencies, requirements for continuation of remedial action operations until response objectives are met, other long-term management activities, and program administration. |
| 13 | Established program goals and initiatives. |
| 14 | Short-term and long-term ecological effects and environmental impacts in general, including injuries to natural resources. |
| 99 | Other (see narrative description in the mrspp\_sequence\_tx data element). |

## P\_NPL\_STATUS

The NPL Status reference table (p\_npl\_status) contains the valid codes and names of an Installation’s or Environmental Site’s status on the EPA’s NPL.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| npl\_status\_cd | varchar2(1) | PK | Indicates the installation’s or site’s NPL status as issued by the EPA in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan and CERCLA. |
| npl\_status\_nm | varchar2(40) |  | Denotes the name associated to the NPL Status Code. |

Table Contents:

| **npl\_status\_cd** | **npl\_status\_nm** |
| --- | --- |
| D | Deleted from the Final NPL |
| N | Not on the NPL |
| P | Proposed for NPL |
| Y | Currently on the Final NPL |

## P\_PBC\_ROE

The Performance-based Contract Right of Entry reference table (p\_pbc\_roe) contains the valid codes and names for identifying sites which are being cleaned up under a PBC and/or where the DoD Component cannot obtain ROE to complete a phase.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| pbc\_roe\_cd | varchar2(2) | PK | Indicates whether a site is being cleaned up under a PBC and/or the DoD Component cannot obtain ROE to complete a phase. |
| pbc\_roe\_nm | varchar2(35) |  | Denotes the name associated to the PBC/ROE Code |

Table Contents:

| **pbc\_roe\_cd** | **pbc\_roe\_nm** |
| --- | --- |
| 01 | Site cleaned up under a PBC. |
| 02 | Right of Entry refused. |
| 03 | Site in PBC and ROE is refused. |

## 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 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 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 |  |
| ~~FINES~~ | ~~Fines~~ | ~~K~~ |  | ~~Management~~ | ~~Management~~ |  |
| ~~FRA~~ | ~~Final Remedial Action~~ | ~~C~~ | ~~8~~ | ~~Cleanup~~ | ~~Final Action~~ |  |
| ~~IMP~~ | ~~Implementation~~ | ~~P~~ |  | ~~Cleanup~~ | ~~Cleanup~~ |  |
| IRA | Interim Remedial Action or Removal Action | C | 7 | Cleanup | Interim Action | 2IRA |
| LTM | Long Term Management | G | 16 | LTM | Cleanup | 6LTM |
| ~~LTO~~ | ~~Long Term Operations~~ | ~~F~~ | ~~13~~ | ~~LTO~~ | ~~Cleanup~~ | ~~5LTO~~ |
| ~~MGMT~~ | ~~Management~~ | ~~M~~ |  | ~~Management~~ | ~~Management~~ |  |
| MISSION | BRAC Mission Environmental Activities | M |  | Management | Management |  |
| MNPWRC | Manpower- Contractor | M |  | Management | Management |  |
| MNPWRG | Manpower- Government | M |  | Management | Management |  |
| ~~O&M~~ | ~~Operations and Maintenance~~ | ~~F~~ | ~~15~~ | ~~LTO/LTM~~ | ~~Cleanup~~ | ~~6LTM~~ |
| 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~~ | ~~Remedial Action~~ | ~~E~~ | ~~11~~ | ~~Cleanup~~ | ~~Cleanup~~ | ~~4CLP~~ |
| RA-C | Remedial Action – Construction | E | 12 | Cleanup | Cleanup | 4CLP |
| RA-O | Remedial Action – Operations | F | 14 | LTO | Cleanup | 5LTO |
| ~~RAB~~ | ~~Restoration Advisory Board~~ |  |  | ~~Management~~ | ~~Management~~ |  |
| 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 |
| ~~Study~~ | ~~Investigation~~ | ~~A~~ | ~~1~~ | ~~Analysis~~ | ~~Analysis~~ | ~~1INV~~ |
| ~~TAPP~~ | ~~Technical Assistance for Public Participation~~ |  |  | ~~Management~~ | ~~Management~~ |  |
| ~~TRC~~ | ~~Technical Review Committee~~ |  |  | ~~Management~~ | ~~Management~~ |  |
| ~~UXO~~ | ~~Unexploded Ordnance~~ | ~~R~~ | ~~17~~ | ~~UXO~~ | ~~Analysis~~ | ~~1INV~~ |
| ~~UXO-RI~~ | ~~Unexploded Ordnance Remedial Investigation~~ | ~~R~~ | ~~17~~ | ~~UXO~~ | ~~Analysis~~ |  |
| ~~WRKYR~~ | ~~Work Year~~ | ~~N~~ |  | ~~Management~~ | ~~Management~~ |  |

## P\_RAB\_JOINT

The joint Restoration Advisory Board (RAB) reference table (p\_rab\_joint) contains the valid codes and names to identify another DoD Component that participates in a joint RAB; or to indicate that a Federal agency or multiple entities participate in a joint RAB.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rab\_joint\_cd | varchar2(1) | PK | Identifies the other DoD Component that participates in a joint RAB; indicates that a Federal agency or multiple entities participate in a joint RAB. |
| rab\_joint\_nm | varchar2(20) |  | The name of the other DoD Component that participates in a joint RAB; indicator that a Federal agency or multiple entities participate in a joint RAB. |

Table Contents:

| **rab\_joint\_cd** | **rab\_joint\_nm** |
| --- | --- |
| 1 | Army |
| 2 | Navy |
| 3 | Air Force |
| 4 | DLA |
| 5 | FUDS |
| 6 | Federal Agency |
| 7 | Multiple |

## P\_RF

The RF reference table (p\_rf) contains the valid codes and names indicating the extent of receptor exposure to contamination for a medium.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_media\_rf\_cd | varchar2(1) | PK | Indicates the RF for the medium, or the present or future likelihood of contaminant affect to receptors at a site. The RF is determined by the evaluator(s) on the basis of professional judgment and consideration of available site information. |
| rr\_media\_rf\_nm | varchar2(50) |  | Name associated with the relative risk medium RF. |

Table Contents:

| **rr\_media\_rf\_cd** | **rr\_media\_rf\_nm** |
| --- | --- |
| I | Identified – Receptors are threatened |
| L | Limited – Receptors not threatened |
| N | Not Evaluated (NE) |
| P | Potential – Receptors may be threatened |
| S | No Significant Data (NSD) |

## P\_RISK\_CATEGORY

The Risk Category reference table (p\_risk\_category) contains the valid codes, names, and ranking of the Relative Risk categories.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_category\_cd | varchar2(1) | PK | Identifies the relative risk category assigned to the site. Relative risk site evaluations are required for all sites except for: 1) sites with a remedy in place, 2) sites determined to be response complete, 3) MRSs addressed under the MMRP, and 4) sites classified under the BD/DR Program. |
| rr\_category\_nm | varchar2(30) |  | Name of the relative risk category. |
| rr\_sort\_cd | number(1) |  | Sort order for reporting. The lower the number the higher the priority. |

Table Contents:

| **rr\_category\_cd** | **rr\_category\_nm** | **rr\_sort\_cd** |
| --- | --- | --- |
| H | High | 1 |
| L | Low | 3 |
| M | Medium | 2 |
| N | Not Evaluated | 4 |
| R | Not Required | 5 |
| Z | Response Complete | 6 |

## P\_SITETYPES

The Site Types reference table (p\_sitetypes) contains the valid codes, names, and major categories of a kind of Environmental Site.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| envst\_type\_cd | varchar2(2) | PK | Environmental site type code indicating the site type category. |
| envst\_type\_nm | varchar2(50) |  | Name of the environmental site type. |
| site\_type\_sort\_cd | number(2) |  | Sort order, used for reporting purposes. The lower the number the higher the priority. |
| site\_type\_cat\_cd | varchar2(2) |  | Indicates the category (group) for a site type. |

Table Contents:

| **envst\_type\_cd** | **envst\_type\_nm** | **site\_type\_sort\_cd** | **site\_type\_cat\_cd** |
| --- | --- | --- | --- |
| AA | Agreement With Another Agency | 9 | Z |
| AB | Burn Area | 4 | D |
| AL | Air to Land | 9 | Z |
| AT | Fire/Crash Training Area | 4 | D |
| AW | Air to Water | 9 | Z |
| BM | BRAC Mission | 9 | X |
| BZ | Buffer Zone | 9 | Z |
| CB | Contaminated Buildings | 1 | A |
| CD | Contaminated Soil Piles | 8 | H |
| CF | Contaminated Fill | 8 | H |
| CG | Contaminated Ground Water | 8 | H |
| CS | Contaminated Sediments | 8 | H |
| CW | Chemical Weapons | 4 | D |
| DA | Surface Disposal Area | 6 | F |
| DB | Building Demolition/Debris Removal | 1 | A |
| DC | Chemical Disposal | 7 | G |
| DD | Drainage Ditch | 6 | F |
| DP | Disposal Pit and Dry Well | 7 | G |
| DT | Dip Tank | 1 | A |
| DU | Duplicate Site Within Same Program | 9 | X |
| ED | EOD Range | 4 | D |
| EP | Sewage Effluent Settling Ponds | 6 | F |
| FA | Site Funded Under Another Program | 9 | X |
| FL | Leach Field | 7 | G |
| FR | Firing Range | 4 | D |
| GR | Grenade Range | 4 | D |
| HE | Heavy Explosive | 4 | D |
| HN | Hazard Of Non-DoD Origin | 9 | X |
| ID | Industrial Discharge | 6 | F |
| IN | Incinerator | 1 | A |
| IP | Ineligible Property | 9 | X |
| IS | Ineligible Site | 9 | X |
| LF | Landfill | 7 | G |
| MB | Munitions Burial | 4 | D |
| MG | Site Merged With Another Site | 9 | X |
| ML | Medium/Large Caliber | 4 | D |
| MU | Multi Use Range | 4 | D |
| MY | Maintenance Yard | 1 | A |
| NH | No Potential Hazard Identified | 9 | X |
| NR | Site Not Recommended For Action | 9 | X |
| NS | Site Never Existed | 9 | X |
| OB | Open Burn | 4 | D |
| OD | Open Detonation | 4 | D |
| OS | Optical Shop | 3 | C |
| OW | Oil/Water Separator | 1 | A |
| PL | POL (Petroleum/Oil/Lubricants) Lines | 2 | B |
| PP | Propellant and Pyrotechnics | 9 | Z |
| PR | Pistol Range | 4 | D |
| PS | Pesticide Shop | 3 | C |
| PT | Pyrotechnics | 9 | Z |
| RG | Active/Operational Range | 9 | X |
| RP[[1]](#footnote-1) | Site Converted to a PRP Site | 9 | X |
| RS | Surface Runoff | 6 | F |
| RW | Washrack | 1 | A |
| SA | Storage Area | 1 | A |
| SD | Storm Drain | 6 | F |
| SF | Safety Fan | 9 | Z |
| SI | Surface Impoundment/Lagoon | 6 | F |
| SL | Strafing Run-in-Lane | 4 | D |
| SO | Soil Contamination After Tank Removal | 8 | H |
| SP | Plating Shop | 3 | C |
| SR | Small Arms Range | 4 | D |
| SS | Spill Site Area | 6 | F |
| ST | Sewage Treatment Plant | 3 | C |
| TA | Above Ground Storage Tank | 2 | B |
| TG | Target Area | 4 | D |
| TM | Training and Maneuver Area | 4 | D |
| TS | Trap and Skeet Range | 4 | D |
| TT | Underground Tank Farm | 2 | B |
| TU | Underground Storage Tanks | 2 | B |
| WL | Waste Lines | 3 | C |
| WM | Mixed Waste Area | 5 | E |
| WR | Radioactive Waste Area | 5 | E |
| WT | Waste Treatment Plant | 3 | C |
| XE | Explosive Ordnance Disposal Area | 4 | D |
| XU | Unexploded Munitions and Ordnance Area | 4 | D |
| ZZ | Unknown Site Type | 9 | Z |

## 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 |

## PLAN\_STATUS

The Plan Status reference table (plan\_status) contains the valid codes and names for identifying the status of the LRA plan.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| plan\_status\_cd | varchar2(1) | PK | Indicates the status of the LRA plan. |
| plan\_status\_nm | varchar2(110) |  | Name of the LRA plan status. |

Table Contents:

| **plan\_status\_cd** | **plan\_status\_nm** |
| --- | --- |
| 1 | Redevelopment plan not needed |
| 2 | No interest in writing a redevelopment plan |
| 3 | Preliminary interest identified by LRA. Redevelopment plan to be or is being drafted |
| 4 | Draft redevelopment plan completed |
| 5 | LRA has adopted redevelopment plan |
| 6 | HUD has concurred with the final redevelopment plan |

## RAB\_ACTIVITY

The RAB Activity reference table (rab\_activity) contains the valid codes and names of the completed RAB activities.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rab\_activity\_cd | varchar2(9) | PK | Indicates the RAB activity. |
| rab\_activity\_nm | varchar2(80) |  | Name of the RAB activity. |

Table Contents:

| **rab\_activity\_cd** | **rab\_activity\_nm** |
| --- | --- |
| A | Reviewed plans and technical documents |
| B | Provided comments or advice |
| C | Received training |
| D | Established RAB operating procedures |
| E | Participated in or reviewed relative risk site evaluations (RRSEs) |
| F | Provided advice that affected scope or schedule of studies/cleanup |
| G | Improved installation credibility |
| H | Established partnerships among stakeholders |
| I | Developed “how to” information or lessons learned |

## RAB\_ADVICE

The RAB Advice reference table (rab\_advice) contains the valid codes and names of the kinds of advice a RAB provides to DoD installations and properties.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rab\_advice\_cd | varchar2(9) | PK | Indicates the RAB Advice types. |
| rab\_advice\_nm | varchar2(30) |  | Name of the RAB Advice type. |

Table Contents:

| **rab\_advice\_cd** | **rab\_advice\_nm** |
| --- | --- |
| A | Scope of studies |
| B | Work plan priorities |
| C | Site priorities |
| D | Relative risk evaluation |
| E | Remedy selection |
| F | Study or cleanup schedule |
| G | Future land use |
| H | Other |

## RAB\_MEMBERS

The RAB Members reference table (rab\_members) contains the valid codes and names for the types of RAB community members.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rab\_members\_cd | varchar2(9) | PK | Indicates the type of RAB members. |
| rab\_members\_nm | varchar2(40) |  | Name of the RAB members. |

Table Contents:

| **rab\_members\_cd** | **rab\_members\_nm** |
| --- | --- |
| A | Local residents/community members |
| B | Installation residents |
| C | Local environmental groups/activists |
| D | Business community |
| E | Low income and minority |
| F | Local government officials |
| G | Other |

## RAB\_NOT\_EST

The RAB Not Established reference table (rab\_not\_est) contains the valid codes and names for reasons why a RAB was not established.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rab\_not\_est\_rsn\_cd | varchar2(1) | PK | Indicates the reason a RAB was not established. |
| rab\_not\_est\_nm | varchar2(100) |  | Name of the RAB not established reason code. |

Table Contents:

| **rab\_not\_est\_rsn\_cd** | **rab\_not\_est\_nm** |
| --- | --- |
| A | Installation located in remote area, no affected community |
| B | Commander or other DoD Component official has determined that a RAB is not needed |
| C | No sufficient, sustained community interest in a RAB has been expressed by the community |
| D | Lack of outstanding cleanup issues or activities does not warrant establishment of a RAB |
| E | Installation or tenant activity is supported by another RAB |
| F | DoD does not have cleanup lead at site (e.g., FUDS) |
| G | Installation has not attempted to establish a RAB |
| H | TRC Operating (no RAB by choice) |

## RISKCONT

The Risk Contaminant reference table (riskcont) contains the valid identifiers (CAS numbers) and names of the contaminants.

| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| --- | --- | --- | --- |
| rr\_cont\_cas\_id | varchar2(25) | PK | The CAS registry number associated with the chemical name and listed in the DoD contaminant master table in the RRSE Primer. Contaminants in the RRSE apply to sites reported prior to FY2010. Contaminants included in Appendix B of the MRSPP Primer, April 2007, apply to sites reported in FY2010 and beyond. |
| rr\_cont\_nm | varchar2(100) |  | Name of the contaminant. |

Table Contents:

This table is extremely large; the table contents are provided separately upon request.

## RISKCONT\_COMP

The Risk Contaminant Comparison reference table (riskcont\_comp) contains the valid contaminant comparison values assigned to a contaminant and relative risk medium.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_cont\_cas\_id | varchar2(25) | PK | The CAS registry number associated with the chemical name and listed in the DoD contaminant master table in the RRSE Primer. Contaminants in the RRSE apply to sites reported prior to FY2010. Contaminants included in Appendix B of the MRSPP Primer, April 2007, apply to sites reported in FY2010 and beyond. |
| rr\_media\_cd | varchar2(2) | PK | Indicates the relative risk medium. |
| rr\_cont\_nm | varchar2(100) | PK | Name of the contaminant. |
| rr\_cont\_std\_qy | number(19,7) |  | Comparison value for the contaminant and medium. |
| msr\_unt\_cd | varchar2(2) |  | Indicates the unit of measurement associated with the contaminant and medium as indicated in the DoD contaminant master table in the RRSE Primer or in Appendix B of the MRSPP Primer. |

Table Contents:

This table is extremely large; the table contents are provided separately upon request.

## RR\_MEDIA\_CAT

The Relative Risk Media Category reference table (rr\_media\_cat) contains the valid codes, names, and ranking of the categories of a Relative Risk Medium class.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| rr\_media\_cat\_cd | varchar2(1) | PK | Indicates the ranking category of a relative risk medium. |
| rr\_media\_cat\_nm | varchar2(30) |  | Name of the relative risk medium category. |
| rr\_sort\_cd | number(1) |  | Sort order, used for reporting purposes. The lower the number the higher the priority. |

Table Contents:

| **rr\_media\_cat\_cd** | **rr\_media\_cat\_nm** | **rr\_sort\_cd** |
| --- | --- | --- |
| H | High | 1 |
| L | Low | 3 |
| M | Medium | 2 |
| N | Not Evaluated | 4 |
| R | Not Required | 5 |
| Z | Response Complete | 6 |

## SITE\_TYPE\_CAT

The Site Type Category reference table (site\_type\_cat) contains the valid codes and names for the major categories of an Environmental Site Type.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| site\_type\_cat\_cd | varchar2(2) | PK | Indicates the category for an environmental site type. |
| site\_type\_cat\_tx | varchar2(50) |  | Describes the site type category. |

Table Contents:

| **site\_type\_cat\_cd** | **site\_type\_cat\_tx** |
| --- | --- |
| A | Base Operations/Engineered Structures |
| B | Storage Tanks |
| C | Industrial Operations |
| D | Training Areas |
| E | Radioactive Areas |
| F | Surface Discharge Areas |
| G | Subsurface Disposal Area |
| H | Contaminated Media |
| X | Administrative Closures/Errors |
| Z | Other |

## UNIF\_SVC\_ORG

The Uniformed Service Organization reference table (unif\_svc\_org) contains the valid codes and names of the Major Commands (e.g., MACOM).

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | **Datatype & Length** | **Key** | **Description** |
| unfrmd\_srvc\_rgn\_cd | varchar2(7) | PK | Uniformed Service Organization code (a.k.a. Major Command Code). The major command code for an installation or property. Major commands are major subdivisions of the DoD Components that are assigned major roles of a DoD Component’s mission and directly subordinate to their respective headquarters. |
| comp\_id | varchar2(4) | PK | Indicates the Service or DoD Department. |
| unfrmd\_srvc\_rgn\_nm | varchar2(60) |  | Name of the Uniformed Service Organization. |

Table Contents:

| **unfrmd\_srvc\_rgn\_cd** | **comp\_id** | **unfrmd\_srvc\_rgn\_nm** |
| --- | --- | --- |
| ACC | 5700 | Air Combat Command |
| AETC | 5700 | Air Education and Training Command |
| AFBCA | 5700 | Air Force Base Conversion Agency |
| AFBCA | 9715 | Air Force Base Conversion Agency |
| AFCEC | 5700 | Air Force Civil Engineer Center |
| AFDW | 5700 | Air Force District of Washington |
| AFGSC | 5700 | Air Force Global Strike Command |
| AFMC | 5700 | Air Force Materiel Command |
| AFRC | 5700 | Air Force Reserve Command |
| AFSOC | 5700 | Air Force Special Operations Command |
| AFSPC | 5700 | Air Force Space Command |
| AMC | 2100 | Army Materiel Command |
| AMC | 5700 | Air Mobility Command |
| ARNG | 2100 | Army National Guard |
| ARNG | 5700 | Air National Guard |
| ARO | 2100 | Army Reserve Office |
| ATEC | 2100 | Army Test and Evaluation Command |
| BVBD | 2100 | BRAC V – BRAC Division |
| CHES | 1700 | Engineering Field Activity Chesapeake Division |
| DDC | 9715 | Defense Distribution Center |
| DDS | 9715 | DLA Disposition Services |
| DESC | 9715 | Defense Electronics Supply Center(DESC) |
| DFSP | 9715 | Defense Fuel Support Points(DFSP) |
| DNSC | 9715 | Defense National Stockpile Center(DNSC) |
| DSCC | 9715 | Defense Supply Center-Columbus |
| DSCP | 9715 | Defense Supply Center-Philadelphia |
| DSCR | 9715 | Defense Supply Center-Richmond |
| DTRA | 9714 | Defense Threat Reduction Agency |
| FORSCOM | 2100 | U.S. Army Force Command |
| HQDA | 2100 | Headquarters, Department of Army |
| ILE | 5700 | Air Staff, Installation & Logistics/Environment |
| IMCOM | 2100 | Installation Management Command |
| IMCW | 2100 | IMCOM West |
| LANT | 1700 | Atlantic Division |
| LBBD | 2100 | Legacy BRAC I-IV – BRAC Division |
| LRD | 9799 | Great Lakes and Ohio River Division |
| MDW | 2100 | Military District, Washington |
| MDW | 9715 | Military District, Washington |
| MEDCOM | 2100 | U.S. Army Medical Command |
| MPAC | 1700 | NAVFAC Mariannas |
| MTMC | 2100 | Military Traffic Management Command |
| NAD | 9799 | North Atlantic Division |
| NBEX | 2100 | Non-BRAC Excess |
| NERO | 2100 | Northeast Regional Office |
| NORTH | 1700 | Northern Division |
| NWD | 9799 | Northwestern Division |
| NWEST | 1700 | Engineering Field Activity Northwest Division |
| NWRO | 2100 | Northwest Regional Office |
| OCD | 9799 | ADDED BY FUDS |
| OTHER | 2100 | Other |
| OTHER | 9715 | Other |
| PAC | 1700 | Pacific Division |
| PACAF | 5700 | Pacific Air Forces |
| PARO | 2100 | Pacific Regional Office |
| POD | 9799 | Pacific Ocean Division |
| SAD | 9799 | South Atlantic Division |
| SERO | 2100 | Southeast Regional Office |
| SMDC | 2100 | Space and Missile Defense Command |
| SOUTH | 1700 | Southern Division |
| SOUTH | 5700 | Southern Division |
| SPD | 9799 | South Pacific Division |
| SSDC | 2100 | Space & Strategic Defense Command |
| SWD | 9799 | Southwestern Division |
| SWEST | 1700 | Southwestern Division |
| SWRO | 2100 | Southwest Regional Office |
| TRADOC | 2100 | U.S. Army Training and Doctrine Command |
| USACE | 2100 | US Army Corps of Engineers |
| USAFA | 5700 | U.S. Air Force Academy |
| USAR | 2100 | US Army Reserves |
| USARC | 2100 | U.S. Army Reserve Command |
| USARPAC | 2100 | U.S. Army Pacific Command |
| USMA | 2100 | US Military Academy |
| WEST | 1700 | Engineering Field Activity Western Division |

## US\_COUNTY

The United States County reference table (us\_county) contains the valid county codes and names within the United States and its 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. |
| usc\_cd | varchar2(3) | PK | Code representing county, or county equivalent, of a state. |
| us\_cnty\_nm | varchar2(60) |  | Name of the county, or county equivalent. |
| us\_st\_al\_cd | varchar2(2) |  | The alphabetic code associated with a United States state. |

Table contents:

This table is extremely large; the table contents are provided separately upon request.

## US\_ST

The United States State reference table (us\_st) contains the valid codes (numeric and character), names, EPA regions, and status 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** |
| --- | --- | --- |
| May 28, 2004 | n/a | Final document distributed to OSD. |
| June 11, 2004 | Military Munitions Response Characteristics Table (MMR\_CHAR) | Changed mmr\_exp\_dist\_dm datatype from number(4) to number(5). |
| August 26, 2004 | P\_CHF (Contaminant Hazard Factor) and P\_RF (Receptor Factor) | Added value “S” for No Significant Data |
| August 26, 2004 | P\_PHASES | Added value “TRC” for Technical Review Committee |
| August 26, 2004 | ENVST\_PENALTY\_ST | Added value “S” for Stipulated penalties settled |
| September 22, 2004 | BCP\_SUB\_TYPE | Changed value “H20” to “H2O” |
| September 24, 2004 | Base Realignment And Closure Table (BRAC) | Modified validation criteria for rab\_action\_ymdt. |
| October 12, 2004 | Base Realignment And Closure Table (BRAC) | Modified validation criteria for cerfa\_proposed\_qy; removed comparison to brac\_tot\_cerfa\_qy |
| October 14, 2004 | Relative Risk Media Contaminant Table (RR\_MEDIA\_CONT) | Changed rr\_cont\_maxconc\_qy datatype from number(19,7) to number(20,7). |
| October 14, 2004 | Military Munitions Response Characteristics Table (MMR\_CHAR) | Changed mmr\_exp\_dist\_dm datatype from number(5) to number(10,2). |
| November 9, 2004 | Base Realignment And Closure (BRAC) | Changed brac\_tot\_acre\_qy from number(10) to number(12,2) |
| November 16, 2004 | P\_LUC\_TYPE | Modified the land use control type values to correspond to the 2004 RMIS Data Dictionary. |
| January 21, 2005 | Cleanup Report (CLEANREP) | Added column envst\_ph\_prog\_cd to primary key. |
| February 3, 2005 | 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. |
| February 3, 2005 | Environmental Compliance Fine (PENALTIES) | Added column penalty\_seq\_nbr to primary key. |
| May 12, 2005 | all Primary Tables | Modified validation criteria. See highlighted text. |
| October 3, 2005 | Environmental Restoration Site Landowner (ENVST\_LANDOWNER) and Landowner (P\_LANDOWNER) | Added primary table and reference table. |
| October 31, 2005 | n/a | 2005 Document distributed to OSD. |
| November 2, 2005 | Cleanup Report (CLEANREP) | Changed description for envst\_ph\_prog\_cd to refer to the installation, instead of the site. |
| November 15, 2005 | Environmental Restoration Site (ENV\_REST\_SITE) | Updated rng\_id validation to reflect the range table constraint. |
| November 18, 2005 | Restoration Advisory Board (R\_A\_B) | Changed Description to include, in thousands, for both fund amounts. |
| October 23, 2006 | Installation (INST) | Added columns env\_aff\_acre\_qy and brac\_rnd2\_cd to table layout. |
| October 23, 2006 | BRAC Cleanup Plan Funding Table (BCP\_FND) | Added column brac\_fnd\_f7\_am to the table layout. |
| June 19, 2007 | Environmental Restoration Site (ENV\_REST\_SITE), P\_PHASES, PHASE\_GROUP, and INT\_REMED\_ACT | Changed “Long Term Monitoring” text to “Long Term Management”. |
| July 26, 2007 | Munitions Response Area (MRA\_AREA) | Renamed the Range (range) table to Munitions Response Area (mra\_area). Renamed range to mra\_area, rng\_id to mra\_id, and rng\_nm to mra\_nm. Added column mra\_range\_cd. |
| July 26, 2007 | Munitions Response Area Location (MRA\_LOC) | Renamed the Range Location (range\_loc) to Munitions Response Area Location (mra\_loc). Renamed rng\_id to mra\_id. |
| July 26, 2007 | P\_MRSPP\_PRIORITY, P\_MRSPP\_CHE, P\_MRSPP\_EHE, P\_MRSPP\_HHE, P\_MRSPP\_CHANGE, P\_MRSPP\_SEQUENCE | Added six MRSPP reference tables. |
| July 26, 2007 | Environmental Restoration Site (ENV\_REST\_SITE) | Added the following MRSPP columns: mrspp\_priority\_cd, mrspp\_che\_cd, mrspp\_ehe\_cd, mrspp\_hhe\_cd, mrspp\_chg\_cd, mrspp\_chg\_tx, mrspp\_sequence\_cd, mrspp\_sequence\_tx, and mrspp\_qa\_cd. Renamed rng\_id to mra\_id. |
| August 7, 2007 | Installation (INST) | Removed columns ctc\_est\_cd, ctc\_reg\_cd, and ctc\_tech\_cd columns, since they are part of the Presidential Budget submission (not the Installation/Site submission). |
| August 9, 2007 | UNIF\_SVC\_ORG | Added new Army commands ARO, LBBD, BVBD, IMCW, and NBEX. Removed Army commands AFCEE, ATL, COE, EUSA, HMP, MEDCO, NG, and PEO which are no longer valid. |
| August 9, 2007 | BRAC Cleanup Plan Funding (BCP\_FND) | Removed column brac\_fnd\_f7\_am from the table layout. |
| August 16, 2007 | Munitions Response Area (MRA\_AREA) | Removed columns rng\_tot\_acre\_qy, rng\_ident\_acre\_qy, rng\_susp\_acre\_qy, rng\_nsusp\_acre\_qy |
| August 16, 2007 | Military Munitions Response Characteristics Table (MMR\_CHAR) and Military Munitions Response Ordnance (MMR\_ORD) | Added column mra\_id to the primary key. |
| September 4, 2007 | throughout the document | Changed all occurrences of MMR site or MMRP site to Munitions Response Site (MRS). |
| May 8, 2008 | Detailed Table Layouts (all subsections) | Added hyperlinks to the reference tables mentioned in the validation column. |
| October 20, 2008 | BRAC Cleanup Plan Funding Table (BCP\_FND) | Added column brac\_fnd\_f7\_am to the table layout. |
| October 24, 2008 | Environmental Restoration Site (ENV\_REST\_SITE) | Removed columns rac\_cd, mmr\_haz\_prob\_cd, and mmr\_haz\_svrty\_cd from the table layout. |
| October 24, 2008 | Military Munitions Response Characteristics (MMR\_CHAR) | Removed columns mmr\_drnk\_wtr\_cd, mmr\_gdw\_dpth\_dm, mmr\_bldg\_exp\_cd, mmr\_exp\_strct\_cd, mmr\_exp\_loc\_cd, mmr\_exp\_dist\_dm, and mmr\_site\_dyn\_cd from the table layout. |
| October 24, 2008 | Military Munitions Response Ordnance (MMR\_ORD) | Removed column mmr\_density\_cd from the table layout. |
| October 24, 2008 | Military Munitions Response Land Use Controls (MMR\_LUC) | Removed columns lui\_dod\_cd, lui\_fed\_agncy\_cd, lui\_state\_gov\_cd, lui\_loc\_gov\_cd, lui\_public\_cd, lui\_tribal\_cd, lui\_other\_cd and lui\_desc\_tx from the table layout. |
| October 24, 2008 | MMR\_HAZ\_PROB, MMR\_HAZ\_SVRTY, RAC, MMR\_DRNK\_WTR, MMR\_BLDG\_EXP, MMR\_EXP\_LOC, MMR\_EXP\_STRCT, MMR\_SITE\_DYN, MMR\_DENSITY | Removed reference tables which correspond to the above mentioned removed columns. |
| April 28, 2009 | Base Realignment And Closure Table (BRAC) | Added “must not be blank” to brac\_clsr\_type\_cd validation. |
| May 13, 2009 | SITE\_TYPE\_CAT and P\_SITETYPES | Added new site type category and 9 new sitetypes |
| May 13, 2009 | Environmental Restoration Site (ENV\_REST\_SITE) | Added columns envst\_enter\_ymdt, envst\_trns\_tx, and env\_site\_prev\_id. |
| May 13, 2009 | Land Use Control Description (LUC\_DESC) | Modified luc\_trmn\_ymdt definition and validation. |
| September 10, 2009 | P\_MRSPP\_CHANGE | Modified definition of value “01”. |
| September 17, 2009 | FNDINFO\_ELIG | Deleted values 02 and 08. Modified value definitions. |
| October 1, 2009 | Military Munitions Response Characteristics (MMR\_CHAR) | In accordance with the requirements of the NDAA for FY2002, the previously removed columns mmr\_drnk\_wtr\_cd, mmr\_gdw\_dpth\_dm, mmr\_bldg\_exp\_cd, mmr\_exp\_strct\_cd, mmr\_exp\_loc\_cd, mmr\_exp\_dist\_dm, and mmr\_site\_dyn\_cd were added back to the table layout. |
| October 1, 2009 | MMR\_DRNK\_WTR, MMR\_BLDG\_EXP, MMR\_EXP\_LOC, MMR\_EXP\_STRCT, MMR\_SITE\_DYN | In accordance with the requirements of the NDAA for FY2002, the previously removed reference tables were added back to the templates. |
| October 1, 2009 | Land Use Control Environmental Restoration Site (LUC\_ENVST) | Moved the land use control access (LUA), land use control restriction (LUR), and land use control interest (LUI) columns from the Military Munitions Response Land Use Controls (mmr\_luc) table to the luc\_envst table. |
| October 1, 2009 | Military Munitions Response Land Use Controls (MMR\_LUC) | Removed table; no longer used. The land use control access, restriction, and interest columns were moved to the Land Use Control Environmental Restoration Site (luc\_envst) table. |
| October 1, 2009 | P\_SITETYPES | Added value “NW” (new site). |
| October 5, 2009 | Environmental Restoration Site (ENV\_REST\_SITE) | Added “Must not be blank, unless an estimated RC date is provided” to the validation criteria for envst\_rc\_ymdt. Removed “required for a MRS” from validation criteria for mmr\_env\_imp\_cd. Modified description for envst\_type\_cd and fndinfo\_elig\_cd. Added “A MRS that is RC must have a priority of “10” or “11” to validation criteria for mrspp\_priority\_cd, mrspp\_che\_cd, mrspp\_ehe\_cd, and mrspp\_hhe\_cd. |
| October 7, 2009 | Environmental Restoration Site Phase (PHASES) | Added “Must not be blank, unless an estimated begin date is provided.” to envstph\_bgn\_ymdt. Added “Must not be blank, unless an estimated end date is provided.” to envstph\_end\_ymdt. |
| November 3, 2009 | Military Munitions Response Characteristics (MMR\_CHAR) | Modified validation for mmr\_bldg\_exp\_cd, mmr\_exp\_strct\_cd, mmr\_exp\_loc\_cd, mmr\_exp\_dist\_dm, and mmr\_site\_dyn\_cd to remove rac\_cd comment and include “required for a MRS” |
| March 10, 2010 | P\_SITETYPES | Removed values “L”, “S”, “T”, and “X” |
| June 30, 2010 | Land Use Control Funding (LUC\_FND) | 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 4, 2010 | P\_SITETYPES | Removed value “NW”. Added value “DU”. |
| October 4, 2010 | Installation (INST) | Modified validation to required: usc\_cd, npl\_status\_cd, uspr\_city\_place\_nm, and env\_aff\_acre\_qy. Modified map\_file\_nm to optional. |
| October 4, 2010 | Munitions Response Area (MRA\_AREA) | Modified validation for mra\_range\_cd to optional. |
| October 4, 2010 | Munitions Response Area Location (MRA\_LOC) | Modified validation for usc\_cd and uspr\_city\_place\_nm to required. |
| October 4, 2010 | Military Munitions Response Classification (MMR\_CLASS) | Modified validation to required and removed default: mmr\_cls\_test\_cd, mmr\_cls\_trng\_cd, mmr\_cls\_trtmt\_cd, mmr\_cls\_dspsl\_cd, mmr\_cls\_bffr\_cd, mmr\_cls\_arms\_cd, mmr\_cls\_skeet\_cd, mmr\_cls\_wmm\_cd, mmr\_cls\_other\_cd. |
| October 4, 2010 | Military Munitions Response Ordnance (MMR\_ORD) | Modified validation to remove default: mmr\_soil\_cd, mmr\_veg\_cd, mmr\_top\_cd, and mmr\_cstnt\_cd. |
| October 5, 2010 | P\_MRSPP\_QA\_RSN | Added reference table to templates. |
| October 5, 2010 | Environmental Restoration Site (ENV\_REST\_SITE) | Modified validation for: uspr\_city\_place\_nm., usc\_cd, envst\_type\_cd, mrspp\_chg\_cd, mrspp\_sequence\_cd, and mrspp\_chg\_cd. Modified validation for npl\_delist\_ymdt to required if NPL status is “D”. Modified POC info to optional. Added columns cmplnc\_cd, geoloc\_datum\_tx, and mrspp\_qa\_rsn\_cd to table. |
| October 6, 2010 | Military Munitions Response Characteristics (MMR\_CHAR) | Modified validation to required and removed default: mmr\_soil\_cd, mmr\_veg\_cd, mmr\_top\_cd, and mmr\_drnk\_wtr\_cd. Removed columns envst\_tot\_acre\_qy, mmr\_ident\_acre\_qy, mmr\_susp\_acre\_qy, and mmr\_nsusp\_acre\_qy from layout. Added columns mrs\_tot\_acre\_qy, mrs\_rstd\_acre\_qy, and mrs\_unrstd\_acre\_qy. |
| October 6, 2010 | Relative Risk Media (RR\_MEDIA) | Modified validation for IRP sites: rr\_media\_chf\_cd, rr\_media\_mpf\_cd, rr\_media\_rf\_cd, rr\_media\_cd, and rr\_media\_cat\_cd. |
| October 6, 2010 | Penalties (penalties) | Renamed table to Cleanup Driver (envst\_cleanup\_drvr). Removed column envst\_legaldrvr\_cd. Added columns legal\_drvr\_cd, legal\_drvr\_tx, and agreement\_cd to table. |
| October 6, 2010 | P\_LEGAL\_DRIVER | Removed reference table from templates. |
| October 6, 2010 | P\_LEGAL\_DRVR and P\_AGREEMENT | Added reference tables to templates. |
| October 6, 2010 | P\_MRSPP\_CHANGE | Deleted values “08” and “09”. Modified definition for values “04” and “05”. |
| October 6, 2010 | P\_LANDOWNER | Add values “FEDAG”, “PUBLC”, and “OTHER”. |
| March 16, 2011 | Military Munitions Response Ordnance (mmr\_ord) | Added column mmr\_ord\_tx to table. |
| July 14, 2011 | Environmental Restoration Site (ENV\_REST\_SITE) | Added column luc\_access\_cd. |
| July 14, 2011 | Land Use Control Description (LUC\_DESC) | Removed column luc\_restrict\_cd. Added column luc\_type\_tx. Modified validation for luc\_impl\_ymdt and luc\_trmn\_ymdt. |
| July 14, 2011 | P\_LUC\_DOC\_TYPE | Added values 06 through 09. |
| July 14, 2011 | P\_LUC\_RESTRICT | Removed values 03, 05, 08, 11, and 13. Added values 14, 15, 98, and 99. Changed name of values 01, 02, 04, 06, 07, 09, 10, and 12. |
| July 14, 2011 | Land Use Control Environmental Restoration Site (luc\_envst) | Added column envst\_parcel\_id. Deleted land use access, land use restriction, and land user interest columns. |
| July 14, 2011 | Land Use Control Restriction (luc\_restrict) and Land Use Control Access (p\_luc\_access) | Added tables. |
| July 14, 2011 | P\_LUC\_TYPE | Removed values 04-06, 10, 11, 14, 16, 17, and 19-23. Added values 98 and 99. Added column luc\_type\_desc\_tx. Modified several luc\_type\_nm values. |
| July 14, 2011 | MMR\_ORD\_TYPE | Removed column haz\_svrty\_cd. Added values 30 and 99. |
| July 14, 2011 | P\_LUC\_MONITOR | Added values 11 and 12. Changed name of values 3 and 6. |
| September 8, 2011 | UNIF\_SVC\_ORG | Added new AF commands AFGSC and AFDW. Removed AF command ADW which is no longer valid. |
| September 20, 2011 | Land Use Control Description (luc\_desc) | Added fund\_src\_cd to primary key; removed “BOTH” from validation |
| October 4, 2011 | Land Use Control Restriction (luc\_restrict) | Added fund\_src\_cd to table layout and primary key. |
| October 13, 2011 | Environmental Restoration Site (ENV\_REST\_SITE), Land Use Control Funding (LUC\_FND), and Property Transfer or Lease (PROP\_TRN\_LSE) | Modified brac\_rnd\_cd definition. |
| October 13, 2011 | Installation (inst) | Modified five year review code and dates validation. |
| September 17, 2012 | Environmental Restoration Site (ENV\_REST\_SITE) | Modified/clarified descriptions and/or validations for envst\_est\_rip\_ymdt, envst\_rip\_ymdt, envst\_est\_rc\_ymdt, envst\_rc\_ymdt, mrspp\_qa\_cd, mrspp\_qa\_rsn\_cd, mrspp\_sequence\_cd, mra\_id, mrspp\_sequence\_tx, uspr\_city\_place\_nm, us\_st\_al\_cd, and usc\_cd. Removed columns mmr\_env\_imp\_cd and aoc\_cd. |
| September 17, 2012 | Munitions Response Area (MRA\_AREA) | Removed mra\_range\_cd and rng\_status\_cd. Modified definition of mra\_id and mra\_nm. |
| September 17, 2012 | Munitions Response Area Location (MRA\_LOC), and Military Munitions Response Characteristics (MMR\_CHAR) | Modified description of mra\_id. |
| September 18, 2012 | Military Munitions Response Characteristics (MMR\_CHAR) | Removed columns: mmr\_soil\_cd, mmr\_top\_cd, mmr\_veg\_cd, mmr\_drnk\_wtr\_cd, mmr\_gdw\_dpth\_dm, mrs\_rstd\_acre\_qy, mrs\_unrstd\_acre\_qy, mmr\_access\_cd, mmr\_bldg\_exp\_cd, mmr\_exp\_strct\_cd, mmr\_exp\_loc\_cd, mmr\_exp\_dist\_dm, and mmr\_site\_dyn\_cd. |
| September 18, 2012 | Military Munitions Response Classification (MMR\_CLASS) and Military Munitions Response Ordnance (MMR\_ORD) | Removed tables from templates. |
| September 18, 2012 | Installation (INST) | Modified env\_aff\_acre\_qy description. |
| September 18, 2012 | Land Use Control Restriction (LUC\_RESTRICT) | Added column luc\_seq\_nbr to primary key. |
| September 18, 2012 | BCP\_SUB\_TYPE | Removed UXO value. Added MEC value. |
| September 18, 2012 | FNDINFO\_APPR | Removed AMMO value. |
| September 18, 2012 | FNDINFO\_BDGACT | Removed UXO value. Modified Compliance and Restoration values descriptions. |
| November 1, 2012 | UNIF\_SVC\_ORG | Added AF command AFCEC. Removed AF commands AFRPA and AFCEE which are no longer valid. |
| June 28, 2013 | Environmental Restoration Site (ENV\_REST\_SITE) | Added columns dod\_trnsfr\_ymdt and pbc\_roe\_cd. Modified validation for npl\_delist\_ymdt, geoloc\_lat\_cn, geoloc\_long\_cn, geoloc\_datum\_tx. |
| June 28, 2013 | Installation (INST) | Modified env\_aff\_acre\_qy description and validation to optional. |
| June 28, 2013 | P\_PBC\_ROE | Added reference table. |
| July 17, 2013 | UNIF\_SVC\_ORG | Added Army command IMCOM. |
| September 30, 2013 | Cleanup Report (CLEANREP), Land Use Control Funding (LUC\_FND), Property Transfer or Lease (PROP\_TRN\_LSE), Base Realignment and Closure Cleanup Plan Funding (BCP\_FND), Base Realignment and Closure Cleanup Plan Narrative (BCP\_NARR), Base Realignment and Closure Cleanup Plan Subordinate Narrative (BCP\_SUB\_NARR), BCP\_SUB\_TYPE, BCP\_TYPE, FNDINFO\_BDGACT, FNDINFO\_ELIG, FNDINFO\_APPR | Removed tables from the templates. |
| September 30, 2013 | Environmental Restoration Site (ENV\_REST\_SITE) | Removed column fndinfo\_elig\_cd. |
| September 30, 2013 | Land Use Control Description (LUC\_DESC) | Removed column luc\_riprc\_mgt\_nm. |
| September 30, 2013 | Land Use Control Site (LUC\_ENVST) | Modified envst\_parcel\_id description. |
| October 15, 2013 | P\_LUC\_DOC\_TYPE | Added values “10” and “11”. Modified length of luc\_doc\_type\_nm from 20 to 25. |
| October 15, 2013 | P\_LUC\_RESTRICT | Removed value “99”. |
| October 16, 2013 | Environmental Restoration Site (ENV\_REST\_SITE) | Modified envst\_trns\_tx description and validation for envst\_trns\_tx and env\_site\_prev\_id. |
| January 16, 2014 | CTRY | Added countries. |
| June 17, 2014 | Land Use Control Description (LUC\_DESC) and Land Use Control Site (LUC\_ENVST) | Modified fund\_src\_cd validation. |
| June 30, 2014 | Environmental Restoration Site Phase table (PHASES) | Removed rmdyactn\_rmdy\_cd from table. Added rmdyactn\_indef\_cd. |
| June 30, 2014 | Environmental Restoration Site Decision Document table (ENVST\_DD), Environmental Restoration Site Phase Remedy table (PHASES\_REMEDY), and Land Use Control Document (LUC\_DOCUMENT) | Added tables. |
| June 30, 2014 | Land Use Control Description (LUC\_DESC) | Removed columns luc\_doc\_type\_cd. |
| June 30, 2014 | Environmental Restoration Site (ENV\_REST\_SITE) | Modified/corrected length of pbc\_roe\_cd. Added column mult\_media\_cd. |
| September 29, 2014 | UNIF\_SVC\_ORG | Added DLA commands DDS and OTHER. |
| December 12, 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 23, 2015 | P\_SITETYPES | Added values AA, BM, and RP. |
| June 23, 2015 | P\_PBC\_ROE | Added value 03. |
| June 23, 2015 | Environmental Restoration Site (ENV\_REST\_SITE) | Added column irm\_ltr\_ymdt. |
| June 26, 2015 | All installation- and site-level primary tables. | Added comp\_ins\_id to all installation level tables. Added comp\_ins\_id and comp\_env\_site\_id to all site level tables. |
| September 28, 2015 | Restoration Advisory Board (R\_A\_B) | Added columns tapp\_seq\_nbr, rab\_dissolve\_ymdt, rab\_adjourn\_ymdt, rab\_joint\_cd, rab\_joint\_tx, tapp\_req\_ymdt, tapp\_req\_src\_tx, tapp\_req\_am, tapp\_app\_am, and tapp\_award\_ymdt. Modified description and/or validation for several columns. |
| September 28, 2015 | State Agreements (STATE\_AGREE), P\_RAB\_JOINT, P\_DSMOA\_CA | Added tables. |

1. This site type code only applies to sites initially reported in KBCRS as non-potentially responsible party (PRP) sites (e.g., landfills, spill sites) and subsequently converted to PRP sites, to prevent double counting the sites in the inventory. It does not apply to all PRP sites. [↑](#footnote-ref-1)