



Facility Registry Service (FRS)

Setting Up A Data Flow with FRS: FRS Information Needs

JUNE, 2013

Prepared for: ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF ENVIRONMENTAL INFORMATION
OFFICE OF INFORMATION COLLECTION

Prepared by: INDUS Corporation
1951 Kidwell Drive
Vienna, Virginia 22182



TABLE OF CONTENTS

Prepared for:.....	i
Table of Contents	ii
Revision History	iii
A. Introduction	4
B. Description	4
C. Checklist	5
Appendix A - Facility Registry Service (FRS)/Source System Crosswalk.....	7

REVISION HISTORY

Version Number	Date	Description of Changes
1.0	06/06/2013	Initial creation.
1.1	06/20/2013	Peer reviewed by Ajay Grandhi, Jim Chilton, Ana Greene

A. INTRODUCTION

The Facility Registry Service (FRS) integrates facility information from several different national and state information systems. This document describes the information needed from a national program system to set up a data flow with FRS. It is assumed that state systems will use FacID via CDX.

B. DESCRIPTION

FRS integrates information from source data systems through one of four methods.

- Oracle direct connect - Many national systems utilize Oracle, so an Oracle to Oracle direct connect is the easiest and most efficient way to exchange data. If all parties agree to exchange data in this manner, FRS will need the source database connection information.
- Database extract – If an Oracle direct connection is not possible for a national system, a database extract would need to be provided to FRS along with a description of the database structure.
- Exchange Network – States and Tribes can send data to FRS through the Central Data Exchange (CDX), EPA’s node on the Exchange Network, using FAC ID. More information can be found on [EPA’s website](#).
- Flat file – A [flat file format](#) is available from the FRS Documentation Page for organizations that are unable to connect through a node.

FRS needs to map source systems’ data elements to FRS data elements with both the Oracle direct connect and database extract methods. The table shown in Appendix A represents the crosswalk that FRS uses to map these data elements. It shows the details, element by element, along with definitions, of the data FRS collects from source databases. In order to do the mapping, FRS will also need a data dictionary from the source database. Because the Exchange Network and Flat File methods have predefined file formats, the mapping of data elements is completed by the source state system.

In general, FRS collects the following types of data from its source systems:

- Basic identification information for a facility site, including geographic address and geopolitical descriptors
 - Facilities from the source databases are identified by PGM_SYS_ACRNM (e.g., ‘NPDES’) and PGM_SYS_ID (e.g., ‘AK0000396’).
 - FRS will need to know the source system businesses rules regarding facility IDs to ensure the IDs are unique and persistent.
- Environmental permits and regulatory programs pertaining to the facility site
 - Facilities are characterized by INTEREST_TYPE (e.g., ‘ICIS-NPDES MAJOR’)

- Each Program Office usually defines one or more interest types for their particular program/database
- A list of the current [FRS interest types](#) can be found the FRS Documentation Page.
- Alternative names and identification numbers
 - Alternative names can aid in searches, in understanding facility history, and for data stewardship
 - Alternative identification numbers can be very helpful in integration. For example, some systems collect or reference identifiers such as DUNS numbers, IRS EINs, NPDES IDs, EIA ORIS IDs and other facility identifiers useful for integration and reference.
- Affiliated Organizations and Contacts, as well as Mailing Addresses
 - FRS collects multiple Organization, Contact, and Mailing Address records
 - Parent Owner information has become an Agency priority
- Industrial Classifications (SIC and NAICS Codes)
- Geospatial (latitude/longitude and associated method, accuracy, and description data)
 - FRS collects multiple geospatial records in the GEO_PGM_COORDINATE_PREP table (see Appendix A)
 - Current effort is focusing on collecting sub-facility information, as well as facility information
 - Sub-facility information is identified by SUB_ID and SUB_TYPE_CODE

Once the mapping is completed and data has been successfully integrated, FRS and the source system need to work out an update schedule, which typically depends on how often the facility information in the source system is updated. Most of the national programs are updated monthly; however, if a source system is only updated on an annual basis, an annual update would be more appropriate. The majority of the national source systems updates are processed using the automated FRS change file processing. This month's data files are compared to last month's data files and the changes are identified as being updates, additions, or deletions. Each data file is separated into three, one to hold update records, one to hold insert records, and one to hold records to be deleted. The change files are then processed. Full loads are performed for new systems and systems undergoing major revisions.

C. CHECKLIST

The following summarizes the FRS information needs in the form of a checklist:

- Database direct connect information or Database extract containing as much of the information in Appendix A as available
- Data Dictionary
- A brief definition or description of the:
 - ① Source Database ② Facility/Record Identifier ③ Interest Type(s)
- Update Schedule

APPENDIX A - FACILITY REGISTRY SERVICE (FRS)/SOURCE SYSTEM CROSSWALK

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
FRS_RES_PGM_FACILITY {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID}				
Basic identification information for a facility site, as reported by an information management system for an environmental program.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Facility Site Name	PRIMARY_NAME	VARCHAR2(80)	The public or commercial name of a facility site (i.e., the full name that commonly appears on invoices, signs, or other business documents, or as assigned by the state when the name is ambiguous).	
Location Address	LOCATION_ADDRESS	VARCHAR2(50)	The address that describes the physical (geographic) location of the front door or main entrance of a facility site, including urban-style street address or rural address.	
Supplemental Location Text	SUPPLEMENTAL_LOCATION	VARCHAR2(50)	The text that provides additional information about a place, including a building name with its secondary unit and number, an industrial park name, an installation name or descriptive text where no formal address is available.	
Locality Name	CITY_NAME	VARCHAR2(60)	The name of the city, town, village or other locality, when identifiable, within whose boundaries (the majority of) the facility site is located. This is not always the same as the city used for United States Postal Service (USPS) mail delivery.	
County and State FIPS Code	FIPS_CODE	VARCHAR2(5)	The code that represents the county or county equivalent and the state or state equivalent of the United States.	
County Name	COUNTY_NAME	VARCHAR2(35)	The name of the U.S. county or county equivalent in which the facility site is physically located.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM						
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN						
State USPS Code	STATE_CODE	VARCHAR2(5)	The USPS abbreviation that represents the state or state equivalent for the U.S. and Canada.							
State Name	STATE_NAME	VARCHAR2(35)	The name of a principal administrative subdivision of the United States, Canada, or Mexico.							
Country Name	COUNTRY_NAME	VARCHAR2(44)	The name that represents a primary geopolitical unit of the world. <i>Default: USA</i>							
Location ZIP Code	POSTAL_CODE	VARCHAR2(14)	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the four-digit extension code (if available) that represents the geographic segment that is a subunit of the ZIP Code, assigned by the USPS to a geographic location; or the postal zone specific to the country, other than the U.S., where the facility site is located.							
Federal Facility Indicator Code	FEDERAL_FACILITY_CODE	CHAR(1)	Code indicating whether or not the facility is the property of the Federal Government. <i>Allowable Values:</i> <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; padding: 2px;"><u>Value</u></td> <td style="border-bottom: 1px solid black; padding: 2px;"><u>Meaning</u></td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">Yes, the facility is the property of the Federal Government.</td> </tr> <tr> <td style="padding: 2px;">N</td> <td style="padding: 2px;">No, the facility is not the property of the Federal Government.</td> </tr> </table>	<u>Value</u>	<u>Meaning</u>	Y	Yes, the facility is the property of the Federal Government.	N	No, the facility is not the property of the Federal Government.	
<u>Value</u>	<u>Meaning</u>									
Y	Yes, the facility is the property of the Federal Government.									
N	No, the facility is not the property of the Federal Government.									
Federal Agency Code	FEDERAL_AGENCY_CODE	VARCHAR2(5)	The Federal Agency/Bureau code. The five character code consists of a letter followed by four numbers. There are four possible letters that can occupy the first character position: 'C' for Civilian Federal Agency; 'D' for Department of Defense; 'E' for Department of Energy; 'X' for Unknown. The second and third characters represent the agency code, while the fourth and fifth characters represent the bureau code.							

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Location Description	LOCATION_DESCRIPTION	VARCHAR2(256)	A brief explanation of where the facility site is located, including navigational directions and/or more descriptive information about the location of the facility site.	
Tribal Land Name	TRIBAL_LAND_NAME	VARCHAR2(200)	The name of an American Indian or Alaskan native area where the facility site is located.	
Small Business Indicator	SMALL_BUS_IND	CHAR(1)	Code indicating whether or not a business is requesting relief under EPA's Small Business Policy, which applies to businesses having less than 100 employees.	
Environmental Justice Code	ENV_JUSTICE_CODE	VARCHAR2(3)	The code that identifies the type of environmental justice concern affecting the facility or enforcement action.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	
Parent Program System Identifier	PARENT_PGM_SYS_ID	VARCHAR2(30)	The unique identification number assigned by an information management system to the parent facility or site (e.g., the SDWIS water system).	
FRS_RES_INTEREST {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, INTEREST_TYPE} The environmental permits and regulatory programs that apply to the facility site.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM																								
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN																								
Environmental Interest Type	INTEREST_TYPE	VARCHAR2(60)	<p>The environmental permit or regulatory program that applies to the facility site.</p> <p><i>Allowable Values: (examples)</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Value</u></th> <th style="text-align: left; border-bottom: 1px solid black;"><u>Meaning</u></th> </tr> </thead> <tbody> <tr> <td>TRI Reporter</td> <td>Toxic Release Inventory Reporter</td> </tr> <tr> <td>NPDES Major</td> <td>Clean Water Act NPDES Major</td> </tr> <tr> <td>NPDES Non-Major</td> <td>Clean Water Act NPDES Minor</td> </tr> <tr> <td>Air Major</td> <td>Clean Air Act (CAA) Major</td> </tr> <tr> <td>Air Synthetic Minor</td> <td>CAA Synthetic Minor</td> </tr> <tr> <td>Air Minor</td> <td>CAA Minor</td> </tr> <tr> <td>TSD</td> <td>Treatment, Storage, Disposal (TSD) Hazardous Waste Handler</td> </tr> <tr> <td>LQG</td> <td>Hazardous Waste Handler - Large Quantity Generator (LQG)</td> </tr> <tr> <td>SQG</td> <td>Hazardous Waste Handler - Small Quantity Generator (SQG)</td> </tr> <tr> <td>Transporter</td> <td>Hazardous Waste Transporter</td> </tr> <tr> <td>Superfund NPL</td> <td>Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List (NPL) Site</td> </tr> </tbody> </table> <p>See https://www.epa.gov/enviro/environmental-interest-types-and-program-categories for complete list of interest types.</p>	<u>Value</u>	<u>Meaning</u>	TRI Reporter	Toxic Release Inventory Reporter	NPDES Major	Clean Water Act NPDES Major	NPDES Non-Major	Clean Water Act NPDES Minor	Air Major	Clean Air Act (CAA) Major	Air Synthetic Minor	CAA Synthetic Minor	Air Minor	CAA Minor	TSD	Treatment, Storage, Disposal (TSD) Hazardous Waste Handler	LQG	Hazardous Waste Handler - Large Quantity Generator (LQG)	SQG	Hazardous Waste Handler - Small Quantity Generator (SQG)	Transporter	Hazardous Waste Transporter	Superfund NPL	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List (NPL) Site	
<u>Value</u>	<u>Meaning</u>																											
TRI Reporter	Toxic Release Inventory Reporter																											
NPDES Major	Clean Water Act NPDES Major																											
NPDES Non-Major	Clean Water Act NPDES Minor																											
Air Major	Clean Air Act (CAA) Major																											
Air Synthetic Minor	CAA Synthetic Minor																											
Air Minor	CAA Minor																											
TSD	Treatment, Storage, Disposal (TSD) Hazardous Waste Handler																											
LQG	Hazardous Waste Handler - Large Quantity Generator (LQG)																											
SQG	Hazardous Waste Handler - Small Quantity Generator (SQG)																											
Transporter	Hazardous Waste Transporter																											
Superfund NPL	Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) National Priorities List (NPL) Site																											
Active Status	ACTIVE_STATUS	VARCHAR2(50)	The status of the environmental interest at the facility or site (e.g., Active, Inactive, Operating, Proposed for NPL, Deleted from Final NPL, Currently on Final NPL).																									

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM								
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN								
Federal/State Source Indicator	FED_STATE_CODE	CHAR(1)	A flag which indicates whether the environmental interest data was provided by a federal, state, tribal, or private environmental information system. <i>Allowable Values:</i> 'F' for Federal, 'S' for State, 'T' for Tribal, and 'P' for Private									
Environmental Interest Start Date	START_DATE	DATE (YYYYMMDD)	Date the agency became interested in the facility site for a particular environmental interest type.									
Environmental Interest Start Date Qualifier	START_DATE_QUALIFIER	VARCHAR2(50)	The qualifier that specifies the meaning of the date being used as an approximation for the environmental interest start date. <i>Allowable Values: (examples)</i> <table style="width: 100%; border: none;"> <tr> <td>First Reporting Year</td> <td>Earliest Inspection Date</td> </tr> <tr> <td>First Report Received Date</td> <td>Operations Start Date</td> </tr> <tr> <td>First Report Postmark Date</td> <td>Monitoring Start Date</td> </tr> <tr> <td>Original Permit Issue Date</td> <td></td> </tr> </table>	First Reporting Year	Earliest Inspection Date	First Report Received Date	Operations Start Date	First Report Postmark Date	Monitoring Start Date	Original Permit Issue Date		
First Reporting Year	Earliest Inspection Date											
First Report Received Date	Operations Start Date											
First Report Postmark Date	Monitoring Start Date											
Original Permit Issue Date												
Environmental Interest End Date	END_DATE	DATE (YYYYMMDD)	Date the agency ceased to be interested in the facility site for a particular environmental interest type.									
Environmental Interest End Date Qualifier	END_DATE_QUALIFIER	VARCHAR2(50)	The qualifier that specifies the meaning of the date being used as an approximation for the environmental interest end date. <i>Allowable Values: (examples)</i> <table style="width: 100%; border: none;"> <tr> <td>Facility Inactive Date</td> <td>Year Reporting Stopped</td> </tr> <tr> <td>De-registration Effective Date</td> <td>Permit Expiration Date</td> </tr> <tr> <td>Operations End Date</td> <td>Final Cleanup Date</td> </tr> </table>	Facility Inactive Date	Year Reporting Stopped	De-registration Effective Date	Permit Expiration Date	Operations End Date	Final Cleanup Date			
Facility Inactive Date	Year Reporting Stopped											
De-registration Effective Date	Permit Expiration Date											
Operations End Date	Final Cleanup Date											
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated environmental interest data.									
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding environmental interest data was reported to the Source of Data.									
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.									
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.									

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
FRS_RES_ALT_NAME {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, ALTERNATIVE_NAME, ALTERNATIVE_NAME_TYPE} An alternative, historic or program specific name for the facility site.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Alternative Name	ALTERNATIVE_NAME	VARCHAR2(80)	An alternative, historic or program-specific name for the facility site.	
Alternative Name Type	ALTERNATIVE_NAME_TYPE	VARCHAR2(25)	The type of the alternative, historical, or program-specific name for the facility site (e.g., primary, legal, historical, local).	
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated alternative name data.	
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding alternative name data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
FRS_RES_ALTERNATIVE_ID {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, ALTERNATIVE_ID_TYPE, ALTERNATIVE_ID}				
An alternative identifier for the facility site, as maintained by an information management system for an environmental program.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Alternative Identifier Type	ALTERNATIVE_ID_TYPE	VARCHAR2(30)	The type of alternative identification number (e.g., CDS, STATE PERMIT NUMBER), or the abbreviated name of the environmental information system that references the alternative identification number (e.g., TRIS, PCS).	
Alternative Identifier	ALTERNATIVE_ID	VARCHAR2(30)	An alternative identification number maintained by an information management system for an environmental program.	
County and State FIPS Code	FIPS_CODE	VARCHAR2(5)	The code that represents the county or county equivalent and the state or state equivalent of the United States.	
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated alternative identification data.	
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding alternative identification data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
FRS_RES_ORG {Unique Key PGM_SYS_ACRNM, PGM_SYS_ID, AFFILIATION_TYPE, ORG_NAME, DUNS_NUMBER } A company, government body, or other type of organization that has some responsibility or role at the facility site.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Affiliation Type	AFFILIATION_TYPE	VARCHAR2(40)	The name that describes the capacity or function that an organization serves for a facility site. <i>Allowable Values (examples):</i> Owner/Operator Responsible Party Operator Parent Company Owner	
Affiliation Start Date	START_DATE	DATE	The date on which the affiliation between the facility site and the organization began.	
Affiliation End Date	END_DATE	DATE	The date on which the affiliation between the facility site and the organization ended.	
Organization Formal Name	ORG_NAME	VARCHAR2(80)	The legal, formal name of an organization that is affiliated with the facility site.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Organization Type	ORG_TYPE	VARCHAR2(40)	The type of organization (e.g., federal, state, private). <i>Allowable Values (examples):</i> Federal Indian State Public County Private District Public Private Municipal Other Government-Owned Contractor Operated	
Organization DUNS Number	DUNS_NUMBER	VARCHAR2(9)	The Data Universal Numbering System (DUNS) number assigned by Dun and Bradstreet to identify unique business establishments.	
Company Division Name	DIVISION_NAME	VARCHAR2(50)	The name of a division or a department of a company.	
Telephone Number	PHONE_NUMBER	VARCHAR2(30)	The primary telephone number of an individual person affiliated with the facility site.	
Alternate Telephone Number	ALTERNATE_PHONE	VARCHAR2(30)	An alternate telephone number of an individual person affiliated with the facility site.	
FAX Number	FAX_NUMBER	VARCHAR2(30)	The telephone number to which a facsimile can be sent to an individual person affiliated with the facility site.	
E-mail Address	EMAIL_ADDRESS	VARCHAR2(120)	The text that describes an electronic mail address of an individual person affiliated with the facility site.	
Employer Identification Number	EIN	VARCHAR2(14)	The unique tax identification number issued by the Internal Revenue Service to the employer.	
State Business Identification Number	STATE_BUSINESS_ID	VARCHAR2(30)	The uniform business number assigned to an official business by a state.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Mailing Address	MAILING_ADDRESS	VARCHAR2(50)	The exact address where a mail piece is intended to be delivered, including urban-style street address, rural route, and PO Box.	
Supplemental Address Text	SUPPLEMENTAL_ADDRESS	VARCHAR2(50)	The text that provides additional information to facilitate the delivery of a mail piece, including building name, secondary units, and mail stop or local box numbers not serviced by the USPS.	
Mailing Address City Name	CITY_NAME	VARCHAR2(30)	The name of the city, town, or village where the mail is delivered.	
Mailing Address State USPS Code	STATE_CODE	VARCHAR2(5)	The USPS abbreviation that represents the state or state equivalent for the U.S. and Canada.	
Mailing Address State Name	STATE_NAME	VARCHAR2(35)	The name of the state where mail is delivered.	
Mailing Address ZIP Code	POSTAL_CODE	VARCHAR2(14)	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the four-digit extension code (if available) that represents the geographic segment that is a subunit of the ZIP Code, assigned by the USPS to a geographic location to facilitate mail delivery; or the postal zone specific to the country, other than the U.S., where the mail is delivered.	
Mailing Address Country Name	COUNTRY_NAME	VARCHAR2(44)	The name of the country where the addressee is located. <i>Default:</i> United States	
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated organization data.	
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding organization data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	
FRS_RES_CONTACT {Unique Key PGM_SYS_ACRNM, PGM_SYS_ID, AFFILIATION_TYPE, FULL_NAME} An individual who has some responsibility or role at the facility site.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Affiliation Type	AFFILIATION_TYPE	VARCHAR2(40)	The name that describes the capacity or function that an individual serves for a facility site. <i>Allowable Values (examples):</i> Regulatory Contact Cognizant Official Public Contact Responsible Party Technical Contact Emergency Contact	
Affiliation Start Date	START_DATE	DATE	The date on which the affiliation between the facility site and the individual person began.	
Affiliation End Date	END_DATE	DATE	The date on which the affiliation between the facility site and the individual person ended.	
Individual Full Name	FULL_NAME	VARCHAR2(70)	The complete name of a person, including first name, middle name or initial, and surname.	
Individual Title Text	TITLE	VARCHAR2(40)	The title held by a person in an organization.	
Company Division Name	DIVISION_NAME	VARCHAR2(50)	The name of a division or a department of a company.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Telephone Number	PHONE_NUMBER	VARCHAR2(30)	The primary telephone number of an individual person affiliated with the facility site.	
Alternate Telephone Number	ALTERNATE_PHONE	VARCHAR2(30)	An alternate telephone number of an individual person affiliated with the facility site.	
FAX Number	FAX_NUMBER	VARCHAR2(30)	The telephone number to which a facsimile can be sent to an individual person affiliated with the facility site.	
E-mail Address	EMAIL_ADDRESS	VARCHAR2(120)	The text that describes an electronic mail address of an individual person affiliated with the facility site.	
Mailing Address	MAILING_ADDRESS	VARCHAR2(50)	The exact address where a mail piece is intended to be delivered, including urban-style street address, rural route, and PO Box.	
Supplemental Address Text	SUPPLEMENTAL_ADDRESS	VARCHAR2(50)	The text that provides additional information to facilitate the delivery of a mail piece, including building name, secondary units, and mail stop or local box numbers not serviced by the USPS.	
Mailing Address City Name	CITY_NAME	VARCHAR2(30)	The name of the city, town, or village where the mail is delivered.	
Mailing Address State USPS Code	STATE_CODE	VARCHAR2(5)	The USPS abbreviation that represents the state or state equivalent for the U.S. and Canada.	
Mailing Address State Name	STATE_NAME	VARCHAR2(35)	The name of the state where mail is delivered.	
Mailing Address ZIP Code	POSTAL_CODE	VARCHAR2(14)	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the four-digit extension code (if available) that represents the geographic segment that is a subunit of the ZIP Code, assigned by the USPS to a geographic location to facilitate mail delivery; or the postal zone specific to the country, other than the U.S., where the mail is delivered.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Mailing Address Country Name	COUNTRY_NAME	VARCHAR2(44)	The name of the country where the addressee is located. <i>Default:</i> United States	
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated individual data.	
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding individual (contact) data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	
FRS_RES_MAIL {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, AFFILIATION_TYPE} The standard address used to send mail to a facility site.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Affiliation Type	AFFILIATION_TYPE	VARCHAR2(40)	The name that describes the type of mailing address affiliated with the facility site.	
Mailing Address	MAILING_ADDRESS	VARCHAR2(50)	The exact address where a mail piece is intended to be delivered, including urban-style street address, rural route, and PO Box.	
Supplemental Address Text	SUPPLEMENTAL_ADDRESS	VARCHAR2(50)	The text that provides additional information to facilitate the delivery of a mail piece, including building name, secondary units, and mail stop or local box numbers not serviced by the USPS.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Mailing Address City Name	CITY_NAME	VARCHAR2(30)	The name of the city, town, or village where the mail is delivered.	
Mailing Address State USPS Code	STATE_CODE	VARCHAR2(5)	The USPS abbreviation that represents the state or state equivalent for the U.S. and Canada.	
Mailing Address State Name	STATE_NAME	VARCHAR2(35)	The name of the state where mail is delivered.	
Mailing Address ZIP Code	POSTAL_CODE	VARCHAR2(14)	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the four-digit extension code (if available) that represents the geographic segment that is a subunit of the ZIP Code, assigned by the USPS to a geographic location to facilitate mail delivery; or the postal zone specific to the country, other than the U.S., where the mail is delivered.	
Mailing Address Country Name	COUNTRY_NAME	VARCHAR2(44)	The name of the country where the addressee is located. <i>Default: United States</i>	
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated mailing address data.	
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding mailing address data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM								
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN								
FRS_RES_SIC {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, SIC_CODE } The Standard Industrial Classification (SIC) or type of business activity, occurring at the facility site.												
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.									
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.									
Standard Industrial Classification (SIC) Code	SIC_CODE	VARCHAR2(4)	The code that represents the economic activity of a company (4-digits).									
SIC Primary Indicator	PRIMARY_INDICATOR	VARCHAR2(10)	The name that indicates whether the associated SIC Code represents the primary activity occurring at the facility site. <i>Allowable Values:</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><u>Value</u></td> <td style="width: 50%;"><u>Meaning</u></td> </tr> <tr> <td>Primary</td> <td>The SIC Code represents the primary activity occurring at the facility site.</td> </tr> <tr> <td>Secondary</td> <td>The SIC Code represents a secondary activity occurring at the facility site.</td> </tr> <tr> <td>Unknown</td> <td>It is not known whether the SIC Code represents the primary or secondary activity at the facility site.</td> </tr> </table>	<u>Value</u>	<u>Meaning</u>	Primary	The SIC Code represents the primary activity occurring at the facility site.	Secondary	The SIC Code represents a secondary activity occurring at the facility site.	Unknown	It is not known whether the SIC Code represents the primary or secondary activity at the facility site.	
<u>Value</u>	<u>Meaning</u>											
Primary	The SIC Code represents the primary activity occurring at the facility site.											
Secondary	The SIC Code represents a secondary activity occurring at the facility site.											
Unknown	It is not known whether the SIC Code represents the primary or secondary activity at the facility site.											
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated SIC data.									
Last Reported Date	LAST_REPORTED_DATE	DATE	The most recent date the corresponding SIC data was reported to the Source of Data.									
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.									

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM								
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN								
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.									
FRS_RES_NAICS {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, NAICS_CODE} The North American Industry Classification System (NAICS) code or type of industrial activity, occurring at the facility site.												
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.									
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.									
North American U.S. National Industry Classification System (NAICS) Code	NAICS_CODE	VARCHAR2(6)	The code that represents a subdivision of an industry that accommodates user needs in the United States (6-digits).									
NAICS Primary Indicator	PRIMARY_INDICATOR	VARCHAR2(10)	The name that indicates whether the associated NAICS Code represents the primary activity occurring at the facility site. <i>Allowable Values:</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><u>Value</u></td> <td style="width: 50%;"><u>Meaning</u></td> </tr> <tr> <td>Primary</td> <td>The NAICS Code represents the primary activity occurring at the facility site.</td> </tr> <tr> <td>Secondary</td> <td>The NAICS Code represents a secondary activity occurring at the facility site.</td> </tr> <tr> <td>Unknown</td> <td>It is not known whether the NAICS Code represents the primary or secondary activity at the facility site.</td> </tr> </table>	<u>Value</u>	<u>Meaning</u>	Primary	The NAICS Code represents the primary activity occurring at the facility site.	Secondary	The NAICS Code represents a secondary activity occurring at the facility site.	Unknown	It is not known whether the NAICS Code represents the primary or secondary activity at the facility site.	
<u>Value</u>	<u>Meaning</u>											
Primary	The NAICS Code represents the primary activity occurring at the facility site.											
Secondary	The NAICS Code represents a secondary activity occurring at the facility site.											
Unknown	It is not known whether the NAICS Code represents the primary or secondary activity at the facility site.											
Source of Data	SOURCE_OF_DATA	VARCHAR2(25)	The source of the associated NAICS data.									

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Last Reported Date	LAST_REPORTED_DATE	DATE (YYYYMMDD)	The most recent date the corresponding NAICS data was reported to the Source of Data.	
Sensitive Indicator	SENSITIVE_IND	CHAR(1)	Indicates whether or not the associated data is enforcement sensitive.	
Public Indicator	PUBLIC_IND	CHAR(1)	Indicates whether or not the associated data is accessible by the public on the internet.	
GEO_PGM_COORDINATE_PREP {Primary Key PGM_SYS_ACRNM, PGM_SYS_ID, LATITUDE, LONGITUDE} A geographic point or set of points, defined by latitude and longitude coordinates used to locate a facility site, or a feature of a facility site, including the associated method, accuracy, and description (MAD) data, as provided by the program data source.				
Environmental Information System Abbreviated Name	PGM_SYS_ACRNM	VARCHAR2(20)	The abbreviated name that represents the name of an information management system for an environmental program.	
Environmental Information System Identification Number	PGM_SYS_ID	VARCHAR2(30)	The identification number, such as the permit number, assigned by an information management system that represents a facility site, waste site, operable unit, or other feature tracked by that Environmental Information System.	
Sub-Entity Identification Number	SUB_ID	VARCHAR2(30)	The identification number for an operable unit or sub-unit of a facility site.	
Latitude Measure	LATITUDE	NUMBER(9,6)	The measure of the angular distance on a meridian north or south of the equator.	
Longitude Measure	LONGITUDE	NUMBER(10,6)	The measure of the angular distance on a meridian east or west of the prime meridian.	

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM								
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN								
Horizontal Collection Method Code	COLLECT_MTH_CODE	VARCHAR2(3)	The code that represents the method used to determine the latitude and longitude coordinates for a point on the earth. See list of values: http://iaspub.epa.gov/sor_internet/registry/datareg/searchandretrieve/valuelist/search.do?details=displayDetails&id=1884&pageNumber=1									
Source Map Scale Number	SCALE	NUMBER(10)	The number that represents the proportional distance on the ground for one unit of measure on the map or photo.									
Horizontal Accuracy Measure	ACCURACY_VALUE	NUMBER(6)	The measure of the accuracy (in meters) of the latitude and longitude coordinates.									
Data Collection Date	COLLECTION_DATE	DATE (YYYYMMDD)	The calendar data when data were collected.									
Reference Point Code	REF_POINT_CODE	VARCHAR2(3)	The code that represents the place for which geographic coordinates were established. See list of values: http://iaspub.epa.gov/sor_internet/registry/datareg/searchandretrieve/valuelist/search.do?details=displayDetails&id=2167&pageNumber=1									
Horizontal Reference Datum Code	HDATUM_CODE	VARCHAR2(3)	The code that represents the reference datum used in determining latitude and longitude coordinates. <i>Allowable Values:</i> <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; padding: 2px;">Value</td> <td style="border-bottom: 1px solid black; padding: 2px;">Meaning</td> </tr> <tr> <td style="padding: 2px;">001</td> <td style="padding: 2px;">NAD27</td> </tr> <tr> <td style="padding: 2px;">002</td> <td style="padding: 2px;">NAD83</td> </tr> <tr> <td style="padding: 2px;">003</td> <td style="padding: 2px;">WGS84</td> </tr> </table>	Value	Meaning	001	NAD27	002	NAD83	003	WGS84	
Value	Meaning											
001	NAD27											
002	NAD83											
003	WGS84											
Coordinate Data Source Code	SOURCE_CODE	VARCHAR2(3)	The code that represents the party responsible for providing the latitude and longitude coordinates. See list of values: http://iaspub.epa.gov/sor_internet/registry/datareg/searchandretrieve/valuelist/search.do?details=displayDetails&id=1816&pageNumber=1									

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM												
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN												
Vertical Collection Method Code	VMETHOD_CODE	VARCHAR2(3)	The code that represents the method used to collect the vertical measure (i.e., the altitude) of a reference point. See list of values: http://iaspub.epa.gov/sor_internet/registry/datareg/searchandretrieve/valuelist/search.do?details=displayDetails&id=2214&vNr=1													
Vertical Reference Datum Code	VDATUM_CODE	VARCHAR2(3)	The code that represents the reference datum used to determine the vertical measure (i.e., the altitude). <i>Allowable Values:</i> <table style="margin-left: 20px;"> <tr> <td><u>Value</u></td> <td><u>Meaning</u></td> </tr> <tr> <td>001</td> <td>NAVD88</td> </tr> <tr> <td>002</td> <td>NGVD29</td> </tr> <tr> <td>003</td> <td>MEAN SEA-LEVEL</td> </tr> <tr> <td>004</td> <td>LOCAL TIDAL DATUM</td> </tr> </table>	<u>Value</u>	<u>Meaning</u>	001	NAVD88	002	NGVD29	003	MEAN SEA-LEVEL	004	LOCAL TIDAL DATUM			
<u>Value</u>	<u>Meaning</u>															
001	NAVD88															
002	NGVD29															
003	MEAN SEA-LEVEL															
004	LOCAL TIDAL DATUM															
Vertical Accuracy Measure	VACCURACY	NUMBER(7)	The measure of the accuracy (in meters) of the vertical measure (i.e., the altitude) of a reference point.													
Vertical Measure	VERTICAL_MEASURE	NUMBER(10)	The measure of elevation (i.e., the altitude), in meters, above or below a reference datum.													
Geometric Type Code	GEOMETRIC_TYPE_CODE	VARCHAR2(3)	The code that represents the geometric entity represented by one point or a sequence of latitude and longitude points. <i>Allowable Values:</i> <table style="margin-left: 20px;"> <tr> <td><u>Value</u></td> <td><u>Meaning</u></td> </tr> <tr> <td>001</td> <td>POINT</td> </tr> <tr> <td>002</td> <td>LINE</td> </tr> <tr> <td>003</td> <td>AREA</td> </tr> <tr> <td>004</td> <td>REGION</td> </tr> <tr> <td>005</td> <td>ROUTE</td> </tr> </table>	<u>Value</u>	<u>Meaning</u>	001	POINT	002	LINE	003	AREA	004	REGION	005	ROUTE	
<u>Value</u>	<u>Meaning</u>															
001	POINT															
002	LINE															
003	AREA															
004	REGION															
005	ROUTE															

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM																																		
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN																																		
Sub-Entity Type Code	SUB_TYPE_CODE	VARCHAR2(4)	<p>The code that represents the type of operable unit, or sub-unit of a facility site (i.e., stack, sampling point).</p> <p><i>Allowable Values:</i></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Value</th> <th style="text-align: left; border-bottom: 1px solid black;">Meaning</th> </tr> </thead> <tbody> <tr><td>1</td><td>POINT OF RECORD</td></tr> <tr><td>2</td><td>BOUNDARY POINT</td></tr> <tr><td>3</td><td>SAMPLING POINT</td></tr> <tr><td>4</td><td>END OF DISCHARGE POINT</td></tr> <tr><td>5</td><td>WELL HEAD</td></tr> <tr><td>6</td><td>TRANSECT ORIGIN</td></tr> <tr><td>7</td><td>GRID ORIGIN</td></tr> <tr><td>20</td><td>STACK</td></tr> <tr><td>40</td><td>SPILLS</td></tr> <tr><td>50</td><td>SLUDGE</td></tr> <tr><td>51</td><td>LANDFILL</td></tr> <tr><td>52</td><td>EMERGENCY OVERFLOW</td></tr> <tr><td>53</td><td>INCINERATOR</td></tr> <tr><td>11</td><td>WATER TREATMENT PLANT</td></tr> <tr><td>12</td><td>SURFACE WATER INTAKE</td></tr> <tr><td>13</td><td>LAND APPLICATION SITE</td></tr> </tbody> </table>	Value	Meaning	1	POINT OF RECORD	2	BOUNDARY POINT	3	SAMPLING POINT	4	END OF DISCHARGE POINT	5	WELL HEAD	6	TRANSECT ORIGIN	7	GRID ORIGIN	20	STACK	40	SPILLS	50	SLUDGE	51	LANDFILL	52	EMERGENCY OVERFLOW	53	INCINERATOR	11	WATER TREATMENT PLANT	12	SURFACE WATER INTAKE	13	LAND APPLICATION SITE	
Value	Meaning																																					
1	POINT OF RECORD																																					
2	BOUNDARY POINT																																					
3	SAMPLING POINT																																					
4	END OF DISCHARGE POINT																																					
5	WELL HEAD																																					
6	TRANSECT ORIGIN																																					
7	GRID ORIGIN																																					
20	STACK																																					
40	SPILLS																																					
50	SLUDGE																																					
51	LANDFILL																																					
52	EMERGENCY OVERFLOW																																					
53	INCINERATOR																																					
11	WATER TREATMENT PLANT																																					
12	SURFACE WATER INTAKE																																					
13	LAND APPLICATION SITE																																					
Coordinate Data Source Name	SOURCE	VARCHAR2(30)	The name of the party responsible for providing the latitude and longitude coordinates.																																			
Location Comments Text	COMMENT_TEXT	VARCHAR2(150)	The text that provides additional information about the geographic coordinates.																																			
Shape	SHAPE	SDO_GEOMETRY	Coordinates that define the geometry of the point feature.																																			
Conveyor of Record	CONVEYOR	VARCHAR2(25)	The source of the associated geographic coordinate data.																																			
Sub-Entity Type Description	SUB_TYPE_DESC	VARCHAR2(200)	The text that describes the type of operable unit, or sub-unit of a facility site (i.e., stack, sampling point).																																			
Review Flag	REVIEW_FLAG	CHAR(1)	Indicates whether or not the associated record has been verified by EPA.																																			

Facility Registry Service (FRS)/Source System Crosswalk

June 20, 2013

FACILITY REGISTRY SYSTEM (FRS)				SOURCE SYSTEM
MODEL NAME	COLUMN NAME ¹	FORMAT	DATA ELEMENT DEFINITION	TABLE.COLUMN
Reviewed By Name	REVIEWED_BY	VARCHAR2(30)	Indicates who verified the associated record.	

¹ Mandatory columns are shown in bold print.