

**Toxics Release Inventory (TRI)
Envirofacts Internal
File Structure Documentation for RY2014**

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1.0 Background

The Toxics Release Inventory (TRI) Program provides a valuable source of information regarding toxic chemicals that are being manufactured, processed, used, released into the environment, or otherwise managed in waste. Two laws, Section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) and section 6607 of the Pollution Prevention Act (PPA), mandate that a publicly accessible toxic chemical database be developed and maintained by the U.S. Environmental Protection Agency (EPA). This database, known as the Toxics Release Inventory System (TRIS), contains information concerning waste management activities and the release of toxic chemicals by facilities that manufacture, process, or otherwise use said materials. Using this information, citizens, businesses, and governments can work together to protect the quality of their land, air and water.

1.1 About the TRI Intranet (Internal) File Structure Documentation for RY2014

The Reporting Year 2014 (RY2013) TRI Intranet files contain data in 38 tables that include information about the reporting facilities, chemicals, releases and transfers, source reduction and recycling activities, source reduction and recycling activities methods, and transfers to off-site locations.

The Toxics Release Inventory Processing System (TRIPS) database, maintained by the TRI Data Processing Center (TRIDPC) is regularly updated to incorporate new submissions, revisions, and deletions. A database baseline is produced annually for the public data release and subsequently made available on the Intranet to provide accessibility to EPA employees and internal partners. Periodically, usually monthly, data changes are forwarded to update the Intranet copy of the TRIPS database.

This guide describes the TRIPS database tables and fields including field definition, format, and length information.

1.2 Changes to the TRIS Intranet File Structure for RY 2014

In Reporting Year (RY) 2014, one new file was added and six files changed. See the **green** highlighted areas of sections 1.3 and 2.0 for the changes and additions. Below is a brief description of the changes and additions.

In the TRI_CHEM_INFO file, five new columns were added. The CAS_REGISTRY_NUMBER is a new column that contains the CAS number of each chemical displayed in traditional format with dashes (i.e. 7439-92-1 for Lead). SRS_ID is a new column that contains EPA's Substance Registry Service Id. The Substance Registry is essentially a database of all chemical substances that are a part of various programs at EPA. The other 3 columns represent the default percentages of how any chemical transfer to POTW will be divided up (in terms of releases and treatment) in the event a facility does not provide this optional information on the form R. The new fields representing these default percentages are:

DEFAULT_PERCENTAGE_TO_81C

DEFAULT_PERCENTAGE_TO_81D
DEFAULT_PERCENTAGE_TO_87

See section 2.16 of this document for more details.

In the TRI_FACILITY, TRI_FACILITY_HISTORY and TRI_REPORTING_FORM files, two new columns are beginning added or modified to store the Public and Technical Contant's Phone number extension(s). The new fields added are as follows:

File	Field
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TRI_FACILITY	ASGN_PUBLIC_PHONE_EXT
TRI_FACILITY	ASGN_TECHNICAL_PHONE_EXT (modified to 5 chars)
TRI_FACILITY_HISTORY	ASGN_PUBLIC_PHONE_EXT
TRI_FACILITY_HISTORY	ASGN_TECHNICAL_PHONE_EXT (modified to 5 chars)
TRI_REPORTING_FORM	PUBLIC_PHONE_EXT
TRI_REPORTING_FORM	TECHNICAL_PHONE_EXT (modified to 5 chars)

In the TRI_RPORTING_FORM table, a new field was added to indicate whether the ratio reported in section 8.9 is a "production ratio" or an "activity ratio". The new field is called PROD_RATIO_OR_ACTIVITY.

In the TRI_TRANSFER_QTY file, three new fields were added to optionally indicate how much of a POTW transfer is released off-site to contained media, released off-site to uncontained media or treated on-site. See the detailed definitions in section 2.21 for more details. The three new fields are as follows:

POTW_PERCENTAGE_TO_81C
POTW_PERCENTAGE_TO_81D
POTW_PERCENTAGE_TO_87

Also in the TRI_TRANSFER_QTY file, a new field was added to indicate if the facility provided the option information about the distribution of the POTW transfer. This new field is called POTW_PERCENTAGE_PROVIDED.

In the TRI_WATER_STREAM file, a new field called REACH_CODE was added to indicate where in a water body a discharge/release was occurring.

In the TRI_SOURCE_REDUCT_METHOD file, a new field named EST_ANNUAL_REDUCT was added to hold the optionally reported Estimate of Annual Reduction amount. This value will be one of six range codes. Each range code represents an estimate of the percentage of annual reduction in chemical waste generation associated with a source reduction activity in section 8.10.

Finally, a new file called TRI_FORM_TOTALS that contains calculated totals from the Form R was added. See section 2.38 for details.

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1.3 List of TRI Intranet Tables

New and updated tables for RY 2014 appear with **Green** background

Section	Table Name	Data
2.1	TRI_FACILITY	Current Facility Data
2.2	TRI_FACILITY_HISTORY	Historical Facility Data
2.3	TRI_FACILITY_RCRA	Current Resource Conservation Recovery Act (RCRA) (EPA Id) Number for the facility
2.4	TRI_FACILITY_NPDES	Current National Pollution Discharge Elimination System (NPDES) Number for the facility
2.5	TRI_FACILITY_DB	Current Dun & Bradstreet (D&B) Number for the facility
2.6	TRI_FACILITY_SIC	Primary Standard Industrial Classification (SIC) code reported by the facility
2.7	TRI_SUBMISSION_SIC	SIC codes reported in each submission by the facility
2.8	TRI_FACILITY_UIC	Underground Injection Code (UIC) assigned to the facility
2.9	TRI_FACILITY_RCRA_HISTORY	Historical EPA ID Numbers assigned to the facility
2.10	TRI_FACILITY_NPDES_HISTORY	Historical record of NPDES Numbers formerly assigned to the facility
2.11	TRI_FACILITY_DB_HISTORY	Historical record of D&B Numbers formerly assigned to the facility
2.12	TRI_FACILITY_SIC_HISTORY	Historical record of SIC Numbers formerly assigned to the facility
2.13	TRI_FACILITY_UIC_HISTORY	Historical record of UICs formerly assigned to the facility
2.14	TRI_REPORTING_FORM	Submission information: form type, cert. info., public contact, release data, etc.
2.15	TRI_CHEM_ACTIVITY	Info on uses of chemical at the facility
2.16	TRI_CHEM_INFO	Info about the chemical: active, carcinogenic, R3350, Clean Air Act Concern (CAAC), etc.
2.17	TRI_RELEASE_QTY	Info about total releases of the chemical on site at the facility
2.18	TRI_WATER_STREAM	Info about streams receiving the toxic chemical from the facility
2.19	TRI_OFF_SITE_TRANSFER_LOCATION	Info about off-site locations to which the toxic chemical has been transferred

Section	Table Name	Data
2.20	TRI_POTW_LOCATION	Info about Publicly Owned Treatment Works (POTWs) to which the toxic chemical has been sent
2.21	TRI_TRANSFER_QTY	Info about amounts transferred off-site for treatment or disposal
2.22	TRI_ENERGY_RECOVERY	Info about on-site energy recovery methods used
2.23	TRI_RECYCLING_PROCESS	Info about recycling processes used on-site
2.24	TRI_ONSITE_WASTESTREAM	Info about the on-site waste treatment processes used
2.25	TRI_ONSITE_WASTE_TREATMENT_MET	Info about the on-site waste treatment methods used
2.26	TRI_SOURCE_REDUCT_METHOD	Info about methods used for source reduction activities
2.27	TRI_SOURCE_REDUCT_QTY	Info about quantities of the chemical exiting recycling processes
2.28	TRI_ZIP_CODE	Info about USPS Zip Codes and locations
2.29	TRI_COUNTY	Info about county related to Zip Code
2.30	TRI_CODE_DESC	Info about TRIS “lookup” tables
2.31	TRI_FACILITY_NAICS	NAICS codes assigned to the facility
2.32	TRI_FACILITY_NAICS_HISTORY	Historical NAICS codes archived for each reporting year
2.33	TRI_SUBMISSION_NAICS	NAICS codes that are reported on each form
2.34	TRI_ADDITIONAL_INFO	Additional information about on source reduction, recycling or pollution control activities (section 8.11) AND optional information about the form R in general (section 9.1).
2.35	TRI_FORM_R_SCHEDULE_ONE	Grams values for each congener that comprises Dioxin and Dioxin-like compounds for each media. Also, the TEQ values and Total Release value from the Form R for each media.
2.36	TRI_TRIBE_DESC	Information about BIA Codes and the Tribes associated with them.
2.37	TRI_TRIPS_COMMENT	Comment data from section 8.11 and 9.1 of the form that is more granulated than the TRI_ADDITIONAL_DATA and categorized.
2.38	TRI_FORM_TOTALS	Calculated totals from a Form R. These include On-site Release Total, Off-site Release Total and Total Releases as well as others.

2.0 TRIS Intranet File Structure Documentation

New of updated fields for RY 2014 appear with a **Green** background.

There are two (2) versions of the TRIS database that are accessible via the World Wide Web. The Intranet (or Internal) version is the complete database that contains virtually all the data that are in the master TRIS database located at the TRIDPC. The Intranet version is accessible by a restricted group of users that have access to the EPA's internal network. The second database is the Internet (or Public) version, which is available to the public and is a subset of the Intranet version.

This section identifies and defines the structure of each table that is contained in the Intranet (Internal) version of the TRIS database. A complete listing of the tables and fields in the Internet (Public) version is in the "Toxics Release Inventory (TRI) Envirofacts Public File Structure Documentation for RY2001". The fields in the *TRI_FACILITY*, *TRI_FACILITY_HISTORY* and *TRI_REPORTING_FORM* tables shown in italics in this document are available only in the Intranet (Internal) version.

The column entitled Source indicates the TRIS ORACLE table name, which is in bold, and the field name from which the data is derived. The column Type refers to the data type: C is for character data, VC2 is for VARCHAR2 data and N is for numeric data. Numeric length is indicated in the column Len; values that are shown as two numbers separated by a comma indicate that the field size is the first number and the allowed decimal positions are indicated by the second number; e.g. 9,6 is a 9-position field of which the rightmost six positions are decimal (for example 123.123456).

NOTE that any numeric defined as two numbers with a comma (i.e. N(5,2), N(9,6), N(21,7), etc.) will actually be total length of the first number (which represents the total digits) plus 1. For example, a N(5,2) will take up 6 character positions in the file. The field will look like this: 000.00. Where 0 is any digit. The format will contain a total of 5 digits, two to the right of the decimal place with the decimal explicitly appearing in the format.

2.1 TRI_FACILITY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	<p>FACILITY.TRIFID</p> <p>A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss.</p> <p>zzzzz = zip code at the time of assignment</p> <p>nnnnn = first five consonants of the name at the time of assignment.</p> <p>sssss = first five letters or numbers of the street address at the time of assignment</p> <p>Note: Some IDs have been manually altered and do not conform to the algorithm.</p>
FACILITY_NAME	62	VC2	<p>FACILITY.NAME</p> <p>The name for the facility.</p>
STREET_ADDRESS	62	VC2	<p>FACILITY.STREET</p> <p>The street address of the reporting facility.</p>
CITY_NAME	28	VC2	<p>V_CITY.ZC_CITY</p> <p>Name of the city in which the reporting facility is located.</p>
COUNTY_NAME	25	VC2	<p>V_COUNTY.ZC_COUNTY</p> <p>Name of the county in which the reporting facility is located.</p>
STATE_COUNTY_FIPS_CODE	5	VC2	<p>V_COUNTY_FIPS.FIPS_CODE</p> <p>Two-character and three-character Federal Information Processing Standard (FIPS) codes corresponding to the state and county in which the facility is located. <i>For a list of values, refer to TRI_CODE_DESC_TABLE ID = 3.</i></p>
STATE_ABBR	2	VC2	<p>V_STATE.ZC_STATE</p> <p>Two-character state abbreviation for the facility.</p>
ZIP_CODE	9	VC2	<p>V_ZIPCODE.ZC_ZIPCODE + ZIPCODE_4</p> <p>Zip code of the reporting facility.</p>
REGION	2	VC2	<p>V_REGION.REGION_CODE</p> <p>EPA region in which the facility is located (01-10). <i>For a list of values, refer to file TRI_CODE_DESC_TABLE_ID = 1.</i></p>
FAC_CLOSED_IND	1	C	<p>FACILITY.CLOSED</p> <p>Indicates whether or not the facility has reported being closed. Valid values are:</p> <p>1 = facility is closed</p> <p>0 = facility is not closed</p> <p>2 = facility not closed but is not currently submitting reports</p>

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
MAIL_NAME	62	VC2	FACILITY.MAIL_NAME The mailing name for the facility.
MAIL_STREET_ADDRESS	62	VC2	FACILITY.MAIL_STREET The mailing street address provided by the reporting facility.
MAIL_CITY	28	VC2	FACILITY.MAIL_CITY City name provided by the reporting facility to which mail is to be sent.
MAIL_STATE_ABBR	2	VC2	FACILITY.MAIL_STATE State named by the reporting facility to which mail is to be sent.
MAIL_PROVINCE	25	VC2	FACILITY.MAIL_PROVINCE Name of the province provided by the reporting facility to which mail is to be sent.
MAIL_COUNTRY	40	VC2	FACILITY.MAIL_COUNTRY Name of the country provided by the reporting facility to which mail is to be sent. <i>For a list of values, refer to file TRI_CODE_DESC TABLE_ID = 12.</i>
MAIL_ZIP_CODE	14	VC2	FACILITY.MAIL_ZIP Zip code of the mailing address provided by the reporting facility.
ASGN_FEDERAL_IND	1	C	FACILITY.ASGN_FEDERAL Valid values are: C = Commercial F = Federal G = GOCO
ASGN_AGENCY	7	VC2	V_ASGN_AGENCY.AGENCY_CODE Agency code assigned by the TRIDPC. <i>For a list of values, refer to file TRI_CODES_DESC TABLE_ID = 2.</i>
FRS_ID	12	VC2	Not presently used.
PARENT_CO_DB_NUM	9	VC2	PARENT_COMPANY.PARENT_DB Identifying number assigned by D&B to the parent company of the reporting facility.
PARENT_CO_NAME	60	VC2	PARENT_COMPANY.PARENT_NAME Name of the corporation or other business entity that owns or controls the facility.
FAC_LATITUDE	7	N	FACILITY.ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES, ASGN_LATITUDE_SECONDS Latitude provided by the reporting facility.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
FAC_LONGITUDE	7	N	FACILITY.ASGN_LONGITUDE_DEGREES, ASGN_LONGITUDE_MINUTES, ASGN_LONGITUDE_SECONDS Longitude provided by the reporting facility.
PREF_LATITUDE	9,6	N	FACILITY.TRI_PREFERRED_LATITUDE EPA's preferred geographic latitude estimation for the reporting facility. Latitude value is in decimal places.
PREF_LONGITUDE	10,6	N	FACILITY.TRI_PREFERRED_LONGITUDE EPA's preferred geographic longitude estimation for the reporting facility. Longitude value is in decimal places.
PREF_ACCURACY	8,2	N	FACILITY.TRI_PREFERRED_ACCURACY EPA's preferred geographic coordinate accuracy estimation for the reporting facility. Describes the accuracy value as a range (+/) in meters of the latitude and longitude.
PREF_COLLECT_METHOD	2	VC2	FACILITY.TRI_PREFERRED_COLLECTION_METHOD EPA's preferred geographic coordinate collection method code for the reporting facility. This code describes the method used to determine latitude and longitude.
PREF_DESC_CATEGORY	2	VC2	FACILITY.TRI_PREFERRED_DESC_CATEGORY EPA's preferred geographic coordinate description category code as referenced by the latitude and longitude.
PREF_HORIZONTAL_DATUM	1	C	FACILITY.TRI_PREFERRED_HORIZONTAL_DATUM EPA's preferred geographic coordinate for horizontal datum as referenced by the latitude and longitude.
PREF_SOURCE_SCALE	1	C	FACILITY.TRI_PREFERRED_SOURCE_SCALE EPA's preferred geographic coordinate source map scale code. This value describes the scale used to determine the latitude and longitude.
PREF_QA_CODE	4	VC2	FACILITY.TRI_PREFERRED_QA_CODE EPA's preferred geographic coordinate quality assurance code. Each of the four-byte positions that comprise this field refers to a type of quality assurance test.
ASGN_PARTIAL_IND	1	C	FACILITY.ASGN_PARTIAL Code indicating whether the information covers an entire facility or part of a facility. 0 = reporting as an entire facility 1 = reporting as a partial facility
ASGN_PUBLIC_CONTACT	45	VC2	FACILITY.ASGN_PUBLIC_CONTACT Name of the person whom the public may contact if clarification of the information on the reporting form is required.
ASGN_PUBLIC_PHONE	20	VC2	FACILITY.ASGN_PUBLIC_PHONE Telephone number, including area code, of the public contact.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ASGN_TECHNICAL_CONTACT	45	VC2	FACILITY.ASGN_TECHNICAL_CONTACT Name of the person to be contacted by EPA or state officials if clarification of the information reported on the form is required.
ASGN_TECHNICAL_PHONE	20	VC2	FACILITY.ASGN_TECHNICAL_PHONE Telephone number, including area code, of the technical contact.
ASGN_TECHNICAL_PHONE_EXT	5	VC2	FACILITY.ASGN_TECHNICAL_PHONE_EXT Telephone extension number of the technical contact.
MAIL	1	C	FACILITY.MAIL Code indicating that EPA has directed that mail is not to be sent to this facility. 0 = Do not send mail 1 = Send mail
ASGN_TECHNICAL_CONTACT_EMAIL	100	C	FACILITY.ASGN_TECHNICAL_E_MAIL Assigned Technical Contact Email for facility.
ASGN_PUBLIC_CONTACT_EMAIL	100	C	FACILITY.ASGN_PUBLIC_E_MAIL Assigned Public Contact Email for facility.
BIA_CODE	3	VC2	FACILITY.BIA_TRIBAL_CODE Code indicating the tribal land a facility is on.
STANDARDIZED_PARENT_COMPANY	62	VC2	FACILITY.STANDARDIZED_PARENT_COMPANY Standardized parent company name of the facility.
ASGN_PUBLIC_PHONE_EXT	5	VC2	The telephone extension of the Public Contact Person as reported on the form R

2.2 TRI_FACILITY_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY_HISTORY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING YEAR Calendar year in which the reported activities occur.
FACILITY_NAME	62	VC2	FACILITY_HISTORY.NAME The name for the facility.
STREET_ADDRESS	62	VC2	FACILITY_HISTORY.STREET The street address of the reporting facility.
CITY_NAME	28	VC2	FACILITY_HISTORY.CITY Name of the city in which the reporting facility is located.
COUNTY_NAME	25	VC2	FACILITY_HISTORY.COUNTY Name of the county in which the reporting facility is located.
STATE_COUNTY_FIPS_CODE	5	VC2	V_COUNTY_FIPS.FIPS_CODE Two-character and three-character FIPS codes corresponding to the state and county in which the facility is located. <i>For a list of values, refer to TRI_CODE_DESC TABLE_ID = 3.</i>
STATE_ABBR	2	VC2	FACILITY_HISTORY.STATE Two-character state abbreviation for the facility.
ZIP_CODE	9	VC2	FACILITY_HISTORY.ZIPCODE+ZIPCODE_4 Zip code of the reporting facility.
REGION	2	VC2	FACILITY_HISTORY.REGION_CODE EPA region in which the facility is located (01-10). <i>For a list of values, refer to file TRI_CODE_DESC TABLE_ID = 1.</i>
MAIL_NAME	62	VC2	FACILITY_HISTORY.MAIL_NAME The mailing name for the facility.
MAIL_STREET_ADDRESS	62	VC2	FACILITY_HISTORY.MAIL_STREET The mailing street address provided by the reporting facility.
MAIL_CITY	28	VC2	FACILITY_HISTORY.MAIL_CITY City name provided by the reporting facility to which mail is to be sent.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
MAIL_STATE_ABBR	2	VC2	FACILITY_HISTORY.MAIL_STATE State provided by the reporting facility to which mail is to be sent.
MAIL_PROVINCE	25	VC2	FACILITY_HISTORY.MAIL_PROVINCE Province name provided by the reporting facility to which mail is to be sent.
MAIL_COUNTRY	40	VC2	FACILITY_HISTORY.MAIL_COUNTRY Country name provided by the reporting facility to which mail is to be sent.
MAIL_ZIP_CODE	14	VC2	FACILITY_HISTORY.MAIL_ZIP Zip code of the mailing address provided by the reporting facility.
ASGN_FEDERAL_IND	1	C	FACILITY_HISTORY.ASGN_FEDERAL Identifies the facility as a Federal, Commercial, or GOCO enterprise. Valid values are: C = Commercial F = Federal G = GOCO
ASGN_AGENCY	7	VC2	FACILITY_HISTORY.AGENCY_CODE Indicates the agency code assigned by the TRIDPC. <i>For a list of values, refer to file TRI_CODE_DESC TABLE_ID = 2.</i>
PARENT_CO_DB_NUM	9	VC2	FACILITY_HISTORY.PARENT_DB Identifying number assigned by D&B to the parent company of the reporting facility.
PARENT_CO_NAME	60	VC2	FACILITY_HISTORY.PARENT_NAME Name of the corporation or other business entity that owns or controls the facility.
FAC_LATITUDE	7	N	FACILITY_HISTORY.ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES, ASGN_LATITUDE_SECONDS Latitude provided by the reporting facility.
FAC_LONGITUDE	7	N	FACILITY_HISTORY.ASGN_LONGITUDE_DEGREES, ASGN_LONGITUDE_MINUTES, ASGN_LONGITUDE_SECONDS Longitude provided by the reporting facility.
PREF_LATITUDE	9,6	N	FACILITY_HISTORY.TRI_PREFERRED_LATITUDE EPA's preferred geographic latitude estimation for the reporting facility. Latitude value is in decimal places.
PREF_LONGITUDE	10,6	N	FACILITY_HISTORY.TRI_PREFERRED_LONGITUDE EPA's preferred geographic longitude estimation for the reporting facility. Longitude value is in decimal places.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
PREF_ACCURACY	8,2	N	FACILITY_HISTORY.TRI_PREFERRED_ACCURACY EPA's preferred geographic coordinate accuracy estimation for the reporting facility. Describes the accuracy value as a range (+/) in meters of the latitude and longitude.
PREF_COLLECT_METH	2	VC2	FACILITY_HISTORY.TRI_PREFERRED_COLLECTION_METHOD EPA's preferred geographic coordinate collection method code for the reporting facility. This code describes the method used to determine latitude and longitude.
PREF_DESC_CATEGORY	2	VC2	FACILITY_HISTORY.TRI_PREFERRED_DESC_CATEGORY EPA's preferred geographic coordinate description category code as referenced by the latitude and longitude.
PREF_HORIZONTAL_DATUM	1	C	FACILITY_HISTORY.TRI_PREFERRED_HORIZONTAL_DATUM EPA's preferred geographic coordinate for horizontal datum as referenced by the latitude and longitude.
PREF_SOURCE_SCALE	1	C	FACILITY_HISTORY.TRI_PREFERRED_SOURCE_SCALE EPA's preferred geographic coordinate source map scale code. This value describes the scale used to determine the latitude and longitude.
PREF_QA_CODE	4	VC2	FACILITY_HISTORY.TRI_PREFERRED_QA_CODE EPA's preferred geographic coordinate quality assurance code. Each of the four-byte positions that comprise this field refers to a type of quality assurance test.
ASGN_PARTIAL_IND	1	C	FACILITY_HISTORY.ASGN_PARTIAL Code indicating whether the information covers an entire facility or part of a facility. 0 = entire facility 1 = partial facility
ASGN_PUBLIC_CONTACT	45	VC2	FACILITY_HISTORY.ASGN_PUBLIC_CONTACT Name of the person whom the public may contact if clarification of the information on the reporting form is required.
ASGN_PUBLIC_PHONE	20	VC2	FACILITY_HISTORY.ASGN_PUBLIC_PHONE Telephone number, including area code, of the public contact.
ASGN_TECHNICAL_CONTACT	45	VC2	FACILITY_HISTORY.ASGN_TECHNICAL_CONTACT Name of the person to be contacted by EPA or state officials if clarification of the information reported on the form is required.
ASGN_TECHNICAL_PHONE	20	VC2	FACILITY_HISTORY.ASGN_TECHNICAL_PHONE Telephone number, including area code, of the technical contact.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ASGN_TECHNICAL_ PHONE_EXT	5	VC2	FACILITY_HISTORY.ASGN_TECHNICAL_PHONE_EXT Telephone extension number of the technical contact.
ASGN_TECHNICAL_CONT ACT_EMAIL	100	C	FACILITY.ASG_TECHNICAL_E_MAIL Assigned Technical Contact Email for facility.
ASGN_PUBLIC_CONTACT _EMAIL	100	C	FACILITY.ASG_PUBLIC_E_MAIL Assigned Public Contact Email for facility.
BIA_CODE	3	VC2	FACILITY.BIA_TRIBAL_CODE Code indicating the tribal land a facility is on.
STANDARDIZED_PARENT _COMPANY	62	VC2	FACILITY.STANDARDIZED_PARENT_COMPANY Standardized parent company name of the facility.
ASGN_PUBLIC_PHONE_E XT	5	VC2	The telephone extension of the Public Contact Person as reported on the form R

2.3 TRI_FACILITY_RCRA Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
ASGN_RCRA_IND	1	C	FACILITY_RCRA.ASGN_RCRA Code to indicate whether the RCRA_NUM is the primary RCRA Number. 1 = RCRA number is assigned primary number 0 = RCRA number is not primary
RCRA_NUM	12	VC2	FACILITY_RCRA.RCRA or RCRA_NA Identification number assigned to the off-site disposal facility covered by regulations of the Resource Conservation and Recovery Act (RCRA) and other regulations of the CERCLA, also known as the Superfund Act.

2.4 TRI_FACILITY_NPDES Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
ASGN_NPDES_IND	1	C	FACILITY_NPDES.ASGN_NPDES Code indicating whether the NPDES Number is the primary NPDES number assigned to the facility. 1 = NPDES number is primary assigned number 0 = NPDES number is not primary
NPDES_NUM	10	VC2	FACILITY_NPDES.NPDES_NUMBER Permit number assigned to a facility by EPA or a state under the authority of the Clean Water Act for the National Pollution Discharge Elimination System.

2.5 TRI_FACILITY_DB Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
ASGN_DB_IND	1	C	FACILITY_DB_NUM.ASGN_DB_NUMBER Indicates whether the D&B Number is the primary D&B Number assigned to the facility. 1 = DB number is assigned primary number 0 = DB number is not primary
DB_NUM	9	VC2	FACILITY_DB_NUM.DB_NUMBER Identifying number assigned to the reporting facility by D&B.

2.6 TRI_FACILITY_SIC Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
PRIMARY_IND	1	C	FACILITY_SIC.ASGN_SIC Code indicating whether the SIC code is the primary SIC code assigned to the facility. 1 = SIC code is the assigned primary SIC code for the facility 0 = SIC code is not the assigned primary SIC code
SIC_CODE	4	C	V_SIC.SIC SIC Code. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 8.</i>

2.7 TRI_SUBMISSION_SIC Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
DOC_CTRL_NUM	13	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnnn = number with check digit
SIC_CODE	4	C	V_SIC.SIC SIC Code. <i>For a list of values, refer to TRI_CODE_DESC TABLE_ID = 8.</i>
SIC_SEQUENCE_NUM	9	N	SIC.SIC_SEQUENCE Sequence number corresponding to the order of appearance of the SIC on the submitter's Form R.
PRIMARY_IND	1	C	SIC.ASGN_SIC Code indicating whether the SIC code is the Primary SIC code applicable to the facility. 1 = SIC code is assigned the primary SIC code 0 = SIC code is not the primary

2.8 TRI_FACILITY_UIC Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	<p>FACILITY.TRIFID</p> <p>A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss.</p> <p>zzzzz = zip code at the time of assignment</p> <p>nnnnn = first five consonants of the name at the time of assignment</p> <p>sssss = first five letters or numbers of the street address at the time of assignment at the time of assignment</p> <p>Note: Some IDs have been manually altered and do not conform to the algorithm.</p>
ASGN_UIC_IND	1	C	<p>FACILITY_UIC.ASGN.UIC</p> <p>Code indicating whether the UIC is the primary UIC assigned to the facility.</p> <p>1 = UIC code is the assigned primary UIC</p> <p>0 = UIC code is not primary</p>
UIC_NUM	12	VC2	<p>FACILITY_UIC.UIC_NUMBER</p> <p>UIC identification number assigned by EPA or the state, under authority of the Safe Drinking Water Act.</p>

2.9 TRI_FACILITY_RCRA_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	<p>FACILITY.TRIFID</p> <p>A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss.</p> <p>zzzzz = zip code at the time of assignment</p> <p>nnnnn = first five consonants of the name at the time of assignment</p> <p>sssss = first five letters or numbers of the street address at the time of assignment</p> <p>Note: Some IDs have been manually altered and do not conform to the algorithm.</p>
REPORTING_YEAR	4	VC2	<p>FACILITY_HISTORY.REPORTING_YEAR</p> <p>Calendar year in which the reported activities occur.</p>
ASGN_RCRA_IND	1	C	<p>FACILITY_HISTORY_RCRA.ASGN_RCRA</p> <p>Code indicating whether the RCRA is the primary RCRA for the facility.</p> <p>1 = Assigned primary</p> <p>0 = Not primary</p>
RCRA_NUM	12	VC2	<p>FACILITY_HISTORY_RCRA.RCRA</p> <p>Identification number assigned to the off-site disposal facility covered by regulations of the RCRA and other regulations of the CERCLA, also known as the Superfund Act.</p>

2.10 TRI_FACILITY_NPDES_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING_YEAR Calendar year in which the reported activities occur.
ASGN_NPDES_IND	1	C	FACILITY_HISTORY_NPDES.ASGN_NPDES Code indicating whether the NPDES is the primary NPDES assigned to the facility. 1 = Assigned primary 0 = Not primary
NPDES_NUM	10	VC2	FACILITY_HISTORY_NPDES.NPDES_NUMBER Permit number assigned to a facility by EPA or a state under the authority of the Clean Water Act for the National Pollution Discharge Elimination System.

2.11 TRI_FACILITY_DB_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING_YEAR Calendar year in which the reported activities occur.
ASGN_DB_IND	1	C	FACILITY_HISTORY_DB_NUM.ASGN_DB_DB_NUMBER Code indicating whether the D&B number is the primary D&B number for the facility. 1 = Assigned primary 0 = Not primary
DB_NUM	9	VC2	FACILITY_HISTORY_DB_NUM.DB_NUMBER Identifying number assigned to the reporting facility by D&B.

2.12 TRI_FACILITY_SIC_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING_YEAR Calendar year in which the reported activities occur.
PRIMARY_IND	1	C	FACILITY_HISTORY_SIC.ASGN_SIC Code indicating whether the SIC is the primary SIC for the facility. 1 = Assigned primary 0 = Not primary
SIC_CODE	4	C	FACILITY_HISTORY_SIC.SIC_CODE SIC Code. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 8.</i>

2.13 TRI_FACILITY_UIC_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING_YEAR Calendar year in which the reported activities occur.
ASGN_UIC_IND	1	C	FACILITY_HISTORY_UIC.ASGN_UIC Code indicating whether the UIC is the primary UIC for the facility. 1 = Assigned primary 0 = Not assigned primary
UIC_NUM	12	VC2	FACILITY_HISTORY_UIC.UIC_NUMBER UIC identification number assigned by EPA or the state, under authority of the Safe Drinking Water Act.

2.14 TRI_REPORTING_FORM Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttynnnnnnnnn. tt = document type (Value is 13) yy = reporting year nnnnnnnn = number with check digit
ACTIVE_STATUS	1	C	FORMR.FORMR_STATUS Code indicating whether the record is active. 1 = active 0 = inactive 5 = withdrawn
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
TRI_CHEM_ID	9	VC2	V_CAS_CHEMICAL.CC_CODE Unique identifier assigned to a chemical by Chemical Abstracts Service (CAS). <i>For a list of values, refer to the TRI_CHEM_INFO file.</i>
FORM_TYPE_IND	1	C	FORMR.FORM_TYPE An indicator identifying whether a Form R or a Certification Statement was submitted. L = Long form (Form R) S = Short Form (Form A, Certification Statement)
REPORTING_YEAR	4	VC2	FORMR.YEAR Calendar year in which the reported activities occurred.
CERTIF_NAME	45	VC2	FORMR.CERT_NAME Name of the senior official certifying the accuracy and completeness of the information on the submission.
CERTIF_OFFICIAL_TITLE	45	VC2	FORMR.CERT_TITLE Corporate title of the senior official certifying the accuracy and completeness of information on the submission.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
PARTIAL_FAC	1	VC2	FORMR.PARTIAL Code indicating whether the submitted Form R report is a partial report. Values are: 0 = Partial Box Not checked 1 = Partial Box Checked
ENTIRE_FAC	1	VC2	FORMR.ENTIRE Code indicating whether the submitted Form R report is an entire report. Values are: 0 = Entire Box Not checked 1 = Entire Box Checked
MAX_AMOUNT_OF_CHEM	2	VC2	V_MAX_WEIGHT_RANGE. MAX_WEIGHT_CODE Code indicating the maximum quantity of the chemical at the facility at any time during the calendar year. Includes sum of all on-site locations within any reporting facility. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 4.</i>
CERTIF_SIGNATURE	1	VC2	FORMR.CERT_SIGNATURE This field indicates whether the certifying signature is provided. Possible values are: O = original signature P = photocopy of signature N = no signature X = FAX signature S = Stamped signature F = FDP Response signature D = Digital signature I = Invalid Digital signature Null = magnetic media processed prior to 8/01/2000
CERTIF_DATE_SIGNED	8	D	FORMR.CERT_DATE Date of the certifying signature. YYYYMMDD
POSTMARK_DATE	8	D	FORMR.POSTMARK_DATE Postmark date. YYYYMMDD
PUBLIC_CONTACT_PERSON	45	VC2	SUBMISSION. PUBLIC_CONTACT Name of the person whom the public may contact if clarification of the information on the reporting form is required.
PUBLIC_CONTACT_PHONE	20	VC2	SUBMISSION.PUBLIC_PHONE Telephone number, including area code, of the public contact.
ADDITIONAL_DATA_IN_D	1	C	SUBMISSION.ADDITIONAL Code indicating if additional data is provided with the Form R. (Part II Section 8.11) 0 = NO Box was checked 1 = YES Box was checked 2 = Neither YES nor NO was checked

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ONE_TIME_RELEASE_QTY	22,7	N	SUBMISSION. ONE_TIME_RELEASE Quantity of the chemical released into the environment in the current reporting year due to catastrophe or remedial action.
ONE_TIME_RELEASE_QTY_NA	1	C	SUBMISSION. ONE_TIME_RELEASE_NA Code indicating if not applicable (NA) is entered for the amount released current year quantity. (Part II Section 8.8) 1 = NA applied instead of value in Section 8.8 0 = Not NA
PRODUCTION_RATIO	9,2	N	SUBMISSION. PRODUCTION_RATIO Ratio of production in the reporting year to that in the prior year or, where appropriate, an activity index based on another variable involved in the production process that is the primary influence on waste characteristics or volumes (implied decimal). (Part II Section 8.9)
PRODUCTION_RATIO_NA	1	C	SUBMISSION. PRODUCTION_RATIO_NA Code indicating if NA is entered for the recycling activity index ratio. (Part II Section 8.9) 1 = Production ratio is equal to NA 0 = Production ratio is not NA
MIXTURE_NAME	70	VC2	FORMR.MIXTURE Name of mixture provided by suppliers. Entered only if this mixture name is the only one available, the submitter knows the specific concentration of the toxic chemical component or a maximum or average concentration level; and after multiplying the concentration level by the total annual amount of the whole mixture processed or otherwise used, the submitter determines that he meets or exceeds the threshold for that single or generally identified mixture component.
RECEIVED_DATE	8	D	FORMR.RECEIVED_DATE Date the submission was received at the TRIDPC. YYYYMMDD
REVISION_NA	1	VC2	FORMR.REVISION Code indicating whether the submitter checked the submission REVISION check box on the Form R. Values are: 1 = Revision box checked 0 = Revision box not checked
ORIG_POSTMARK	8	D	FORMR.ORIGINAL_POSTMARK Original postmark date. YYYYMMDD
ORIG_RECEIVED	8	D	FORMR.ORIGINAL RECEIVED Original received date for a submission for this chemical from this facility and this reporting year. YYYYMMDD

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
FEDERAL_FAC_IND	1	N	FORMR.FEDERAL Code indicating whether the FEDERAL check box was checked. Values are: 1 = Federal box checked 0 = Federal box not checked
GOCO_FLAG	1	N	FORMR.GOCO_FLAG Code indicating whether the GOCO check box was checked. Values are: 1 = GOCO box checked 0 = GOCO box not checked
GENERIC_CHEM_NAME	70	VC2	FORMR.GEN_CHEM_NAME Generic name that describes the chemical structure of a toxic chemical identified as a trade secret. The generic name must appear on both sanitized and unsanitized Form Rs and be the same as that used on the substantiation form.
CAS_CHEM_NAME	70	VC2	V_CAS_CHEMICAL. CAS_CHEMICAL_NAME Name of the chemical, or chemical category listed in Section 372.45 of the regulation.
TRADE_SECRET_IND	1	N	FORMR.TRADE_SECRET Code indicating whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. 1 = Trade Secret YES Box was checked 0 = Trade Secret NO Box was checked <i>Note: Only Sanitized Trade Secret submissions are stored in the TRIS database.</i>
SANITIZED_IND	1	N	FORMR.SANITIZED Indicator to show that the submission is a sanitized Form R, i.e., the SANITIZED TRADE SECRET check box was checked by the submitter. Values are: 1 = Sanitized Box was checked 0 = Unsanitized Box was checked
DIOXIN_DISTRIBUTION_NA	1	N	SUBMISSION. DIOXIN_DISTRIBUTION_NA Code indicating whether the DIOXIN Distribution NA check box was checked. Values are: 1 = NA box checked 0 = NA box not checked
DIOXIN_DISTRIBUTION_1	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_1 Distribution of 1,2,3,4,6,7,8-Heptachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DIOXIN_DISTRIBUTION _2	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_2 Distribution of 1,2,3,4,7,8,9-Heptachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _3	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_3 Distribution of 1,2,3,4,7,8-Hexachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _4	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_4 Distribution of 1,2,3,6,7,8-Hexachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _5	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_5 Distribution of 1,2,3,7,8,9-Hexachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _6	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_6 Distribution of 2,3,4,6,7,8-Hexachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _7	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_7 Distribution of 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _8	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_8 Distribution of 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _9	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_9 Distribution of 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _10	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_10 Distribution of 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _11	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_11 Distribution of 1,2,3,4,6,7,8,9-Octachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION _12	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_12 Distribution of 1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DIOXIN_DISTRIBUTION_13	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_13 Distribution of 1,2,3,7,8-Pentachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION_14	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_14 Distribution of 2,3,4,7,8-Pentachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION_15	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_15 Distribution of 1,2,3,7,8-Pentachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION_16	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_16 Distribution of 2,3,7,8-Tetrachlorodibenzofuran reported in the Dioxin and Dioxin-like Compounds category.
DIOXIN_DISTRIBUTION_17	5,2	N	SUBMISSION. DIOXIN_DISTRIBUTION_17 Distribution of 2,3,7,8-Tetrachlorodibenzo-p-dioxin reported in the Dioxin and Dioxin-like Compounds category.
<i>TECHNICAL_CONTACT_PERSON</i>	45	VC2	FORMR.TECHNICAL_CONTACT Name of the person to be contacted by EPA or state officials if clarification of the information reported on the form is required.
<i>TECHNICAL_CONTACT_PHONE</i>	20	VC2	FORMR.TECHNICAL_PHONE Telephone number, including area code, of the technical contact.
<i>TECHNICAL_PHONE_EXTENSION</i>	5	VC2	FORMR.TECHNICAL_PHONE_EXT Telephone number extension of the technical contact.
<i>FORMR_STATUS</i>	1	C	FORMR.FORMR_STATUS Code indicating the status of a submission. Values are: 0 = inactive submission 1 = active submission 2 = needs review 5 = withdrawn submission
<i>FORM_EXP_YEAR</i>	10	VC2	FORMR.FORM_EXP Expiration date of the form printed at the top of page 1 of the Form R.
<i>COMPLETE_PACKAGE</i>	1	C	FORMR.COMPLETE_PACKAGE Code indicating whether a complete submission was received. Values are: 0 = Incomplete package 1 = Complete package

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
<i>INVALID_FORMR</i>	1	C	FORMR.INVALID_FORMR Currently not used.
<i>INCOMPLETE</i>	1	C	FORMR.INCOMPLETE Currently not used.
<i>MULTIPLE_CHEMICAL</i>	1	C	FORMR.MULTIPLE_CHEMICAL Flag that indicates if there was more than one chemical reported on this form. Values are: 0 = Only one chemical on this form 1 = More than one chemical (error)
<i>CHEMICAL_SYNONYM_ID</i>	9	N	FORMR.CHEMICAL_SYNONYM_ID Synonym name submitted on the Form R or Form A.
<i>VALIDATED</i>	1	C	FORMR.VALIDATED Code indicating the status of the last validation. The values are: 0 = Not Yet Validated 1 = Passed with no errors 2 = Passed with a Data Change 3 = Passed with a NOTE error 4 = Failed with NOSE error 5 = Failed with “publishable” NOSE error
<i>MISSING_PAGES</i>	10	C	FORMR.MISSING_PAGES Indicates whether the submission was missing pages and which ones were missing.
<i>MEDIA_TYPE</i>	1	C	FORMR.MEDIA_TYPE Code indicating which type of media was used for this submission. Values are: M = Magnetic Media P = Paper Form E = CDX file
<i>ENVELOPE_YEAR</i>	4	N	FORMR.ENVELOPE_YEAR <i>The calendar year of the envelope.</i>
<i>ENVELOPE_SEQ_NUM</i>	8	N	FORMR.ENVELOPE_SEQ_NUM The sequence number assigned to an envelope.
<i>ENVELOPE_CHECK_DIGIT</i>	1	N	FORMR.ENVELOPE_CHECK_DIGIT The check digit assigned to an envelope.
<i>FILE_YEAR</i>	4	N	FORMR.FILE_YEAR The file year is assigned to a file number. A file number is assigned to all documents received at TRIDPC. The file number consists of four components: FILE_TYPE FILE_YEAR FILE_SEQ_NUM FILE_CHECK_DIGIT

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
<i>FILE_TYPE</i>	2	C	FORMR.FILE_TYPE The file type identifies the type of file. DD = Magnetic Media Data Disk DF = Magnetic Media folder and paper work which includes the certification letter. EN = Envelope OT = Other Documents which include Facility Data Profile (FDP) responses, withdrawal requests, and other non-form communications. SU = Forms R and A submissions. EL = Certification Letters for CDX files. ES = Numbers assigned to CDX files. <i>Note: Actual paper files do not exist for this file type.</i> VE = Virtual Envelopes for the CDX file. A file number is assigned to all documents received at TRIDPC. The file number consists of four components: FILE_TYPE FILE_YEAR FILE_SEQ_NUM FILE_CHECK_DIGIT
<i>FILE_SEQ_NUM</i>	8	N	FORMR.FILE_SEQ_NUM Sequential number assigned to a file. A file number is assigned to all documents received at TRIDPC. The file number consists of four components: FILE_TYPE FILE_YEAR FILE_SEQ_NUM FILE_CHECK_DIGIT
<i>FILE_CHECK_DIGIT</i>	1	N	FORMR.FILE_CHECK_DIGIT The check digit assigned to a file. A file number is assigned to all documents received at TRIDPC. The file number consists of four components: FILE_TYPE FILE_YEAR FILE_SEQ_NUM FILE_CHECK_DIGIT
<i>NDC_STATUS_DATE</i>	8	D	FORMR_STATUS.STATUS_DATE-NDC Date a Notice of Data Change was mailed. This applies only to data processed prior to June 1999. YYYYMMDD
<i>NOSE_STATUS_DATE</i>	8	D	FORMR_STATUS.STATUS_DATE-NOSE Date a Notice of Significant Error (NOSE) was mailed. YYYYMMDD
<i>NOSE_RESP_STATUS_DATE</i>	8	D	FORMR_STATUS.STATUS_DATE-NOSE response Date a response to a NOSE was received. YYYYMMDD
<i>NON_STATUS_DATE</i>	8	D	FORMR_STATUS.STATUS_DATE-NON Date a Notice of Non Compliance (NON) was generated. YYYYMMDD

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
<i>ON_RESP_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-NON response Date a response to a NON was received. YYYYMMDD
<i>OMNI_MAIL_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-OMNI mailout Date of the most recent Facility Data Profile. YYYYMMDD
<i>OMNI_MAIL_RESP_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-OMNI mailout response Not currently used. YYYYMMDD
<i>NOTE_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-NOTE Date of the last Notice of Technical Errors (NOTE). This applies only to data processed prior to June 1999. YYYYMMDD
<i>NOTE_RESP_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-NOTE response Not currently used. YYYYMMDD
<i>RVR_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-RVR Date of the last Release Value Report. This applies only to data processed prior to June 1999. YYYYMMDD
<i>RVR_RESP_STATUS_DATE</i>	8	D	FORMR.STATUS.STATUS_DATE-RVR response Not currently used. YYYYMMDD
<i>TECHNICAL_CONTACT_EMAIL</i>	100	C	FORMR.TECHNICAL_CONTACT_EMAIL Technical Contact Email from form.
<i>PUBLIC_CONTACT_EMAIL</i>	100	C	FORMR.PUBLIC_CONTACT_EMAIL Public Contact Email from form.
<i>REVISION_CODE_1</i>	3	C	FORMR.REVISION_CODE_1 Indicates the first reason why the form was revised. Values are: RR1 = New Monitoring Data RR2 = New Emission Factor(s) RR3 = New Chemical Concentration Data RR4 = Recalculations(s) RR5 = Other Reason(s)
<i>REVISION_CODE_2</i>	3	C	FORMR.REVISION_CODE_2 Indicates the second reason why the form was revised. Values are: RR1 = New Monitoring Data RR2 = New Emission Factor(s) RR3 = New Chemical Concentration Data RR4 = Recalculations(s) RR5 = Other Reason(s)

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
<i>WITHDRAWAL_CODE_1</i>	3	C	FORMR.WITHDRAWAL_CODE_1 Indicates the first reason why the form was withdrawn. Values are: WT1 = Did not meet the reporting threshold for manufacturing, processing or otherwise use WT2 = Did not meet the reporting threshold for number of employees WT3 = Not in a covered NAICS codes WO1 = Other reason(s)
<i>WITHDRAWAL_CODE_2</i>	3	C	FORMR.WITHDRAWAL_CODE_2 Indicates the second reason why the form was withdrawn Values are: WT1 = Did not meet the reporting threshold for manufacturing, processing or otherwise use WT2 = Did not meet the reporting threshold for number of employees WT3 = Not in a covered NAICS codes WO1 = Other reason(s)
<i>PUBLIC_PHONE_EXT</i>	5	VC2	The telephone extension of the Public Contact Person as reported on the form R
<i>PROD_RATIO_OR_ACTIV ITY</i>	10	VC2	The production or activity ratio is a flag that indicates whether a facility reported a production or activity ratio as a measure of their year to year output in section 8.9 of the Form R. The two possible values for this data element are "PRODUCTION" and "ACTIVITY"

2.15 TRI_CHEM_ACTIVITY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (Value is 13) yy = reporting year nnnnnnnnn = number with check digit
PRODUCE	1	C	SUBMISSION.PRODUCE Code indicating whether the chemical is produced at this facility. 1 = 3.1.a checked 0 = 3.1.a not checked
IMPORTED	1	C	SUBMISSION.IMPORTED Code indicating whether the chemical is imported at this facility. 1 = 3.1.b checked 0 = 3.1.b not checked
USED_PROCESSED	1	C	SUBMISSION.USED Code indicating whether the chemical is produced or imported for on-site use at this facility. 1 = 3.1.c checked 0 = 3.1.c not checked
SALE_DISTRIBUTION	1	C	SUBMISSION.SALE Code indicating whether the chemical is produced or imported at this facility for sale or distribution. 1 = 3.1.d checked 0 = 3.1.d not checked
BYPRODUCT	1	C	SUBMISSION.BYPRODUCT Code indicating whether the chemical is produced or imported at this facility as a byproduct. 1 = 3.1.e checked 0 = 3.1.e not checked
MANUFACTURE_IMPURITY	1	C	SUBMISSION.IMPURITY Code indicating whether the chemical is produced or imported at this facility as an impurity. 1 = 3.1.f checked 0 = 3.1.f not checked
REACTANT	1	C	SUBMISSION.REACTANT Code indicating whether the chemical is at this facility as a reactant. 1 = 3.2.a checked 0 = 3.2.a not checked

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
FORMULATION_COMPONENT	1	C	SUBMISSION.FORMULATION Code indicating whether the facility adds the reported chemical to a product or product mixture prior to further distribution of that product to act as a performance enhancer during the use of the product. Includes, but not limited to, additives, dyes, reaction diluents, initiators, solvents, inhibitors, emulsifiers, surfactants, lubricants, flame retardants, and rheological modifiers. 1 = 3.2.b checked 0 = 3.2.b not checked
ARTICLE_COMPONENT	1	C	SUBMISSION.COMPONENT Code indicating whether the facility uses the reported chemical as an integral component of an article distributed for industrial, trade, or consumer use. 1 = 3.2.c checked 0 = 3.2.c not checked
REPACKING	1	C	SUBMISSION.REPACKAGING Code indicating whether the chemical is processed at this facility by repackaging for distribution in commerce in a different form, state, or quantity. 1 = 3.2.d checked 0 = 3.2.d not checked
PROCESS_IMPURITY	1	C	SUBMISSION.PROCESS_IMPURITY Code indicating whether the chemical is processed at this facility but is not separated and remains primarily in the mixture or other trade name product with that/those other chemical(s). 1 = 3.2.e checked 0 = 3.2.e not checked
CHEM_PROCESSING_AID	1	C	SUBMISSION.PROCESSING Code indicating whether the chemical is used at this facility as a chemical processing aid by adding the reported chemical to a reaction mixture or synthesis of another chemical substance, without intending for it to remain as a part of the mixture. 1 = 3.3.a checked 0 = 3.3.a not checked
MANUFACTURE_AID	1	C	SUBMISSION.MANUFACTURE_AID Code indicating whether the chemical is used at this facility to aid the manufacturing process, without intending for it to become part of the resulting product or the reaction mixture, during the manufacture or synthesis of another chemical substance. 1 = 3.3.b checked 0 = 3.3.b not checked

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ANCILLARY	1	C	SUBMISSION.ANCILLARY Code indicating whether the chemical is used at this facility for purposes other than aiding chemical processing or manufacturing. Includes, but not limited to, cleaners, degreasers, lubricants, fuels, and chemicals used for treating wastes. 1 = 3.3.c checked 0 = 3.3.c not checked

2.16 TRI_CHEM_INFO Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_CHEM_ID	9	VC2	V_CAS_CHEMICAL.CC_CODE Unique identifier assigned to a CAS.
CHEM_NAME	70	VC2	V_CAS_CHEMICAL.CAS_CHEMICAL_NAME Name of the chemical, or chemical category listed in Section 372.45 of the regulation.
ACTIVE_DATE	4	VC2	V_CAS_CHEMICAL.BEGIN_YEAR Year that the chemical was activated as a TRI reportable chemical.
INACTIVE_DATE	4	VC2	V_CAS_CHEMICAL.END_YEAR Year that the chemical was de-activated as a TRI reportable chemical.
CAAC_IND	1	C	V_CAS_CHEMICAL.CONCERN_1 1 = CAAC chemical. 0 = Not a CAAC chemical.
CARC_IND	1	C	V_CAS_CHEMICAL.CONCERN_2 Carcinogen Concern (CARC) chemical. 1 = CARC chemical. 0 = Not a CARC chemical.
R3350_IND	1	C	V_CAS_CHEMICAL.CONCERN_3 This field indicates a 33/50 concern chemical that was one of the high-priority TRI chemicals cited for reduction goals (33% reduction in 1992 and 50% reduction by 1994). 1 = 33/50 concern chemical 0 = Not a 33/50 concern chemical
METAL_IND	1	C	V_CAS_CHEMICAL.METAL Metal code used in enforcing metals validation logic. 0 = chemical is not classified as a metal 1 = metal type 1 2 = metal type 2 3 = metal type 3
FEDS_IND	1	C	V_CAS_CHEMICAL.FEDERALLY_REPORTED_CHEMICAL 0 = TRI chemical 1 = Non TRI chemical reported by a federal facility
CLASSIFICATION	1	N	V_CAS_CHEMICAL.CLASSIFICATION 0 = TRI chemical 1 = Persistent Bioaccumulative Toxins (PBT) chemical 2 = Dioxin and Dioxin-like compounds
PBT_START_YEAR	4	N	V_CAS_CHEMICAL.PBT_START_YEAR The reporting year the chemical was first classified as a PBT
PBT_END_YEAR	4	N	V_CAS_CHEMICAL.PBT_END_YEAR The reporting year the chemical was last classified as a PBT.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
NO_DECIMALS	2	N	V_CAS_CHEMICAL.NO_DECIMALS The number of decimal places maintained in the TRIS database for this chemical.
UNIT_OF_MEASURE	10	VC2	V_CAS_CHEMICAL.UNIT_OF_MEASURE The unit of measure in which the chemical is measured.
CAS_REGISTRY_NUMBER	12	VC2	The chemical's CAS number in traditional format with dashes (i.e. 7439-92-1 for Lead)
SRS_ID	9	VC2	An ID that links the TRI chemical to EPA's Substance Registry Service.
DEFAULT_PERCENTAGE_TO_81C	5,2	N	The assigned percent of a POTW transfer that would be considered part of 8.1.C (Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) if no percentage was optionally supplied by the facility for this chemical. This percentage will be used in RY 2014 and forward when calculating POTW releases, off-site releases and total releases.
DEFAULT_PERCENTAGE_TO_81D	5,2	N	The assigned percent of a POTW transfer that would be considered part of 8.1.D (Total other off-site disposal or other releases) for this chemical. This percentage will be used in RY 2014 and forward when calculating POTW releases, off-site releases and total releases.
DEFAULT_PERCENTAGE_TO_87	5,2	N	For this chemical, the assigned percent of a POTW transfer that would be considered part of 8.7 (Quantity treated off-site). This percentage will be used in RY 2014 and forward when calculating total amount treated off-site..

2.17 TRI_RELEASE_QTY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (Value is 13) yy = reporting year nnnnnnnnn = number with check digit
ENVIRONMENTAL_ME DIUM	9	VC2	V_RELEASE_TYPE.RELEASE_TYPE_ID AIR FUG = Releases to Fugitive or non-point air emissions (section 5.1) AIR STACK = Releases to stack or point air emissions (section 5.2) UNINJ8795 = Releases to Underground Injection Wells reporting years 1987 - 1995 (section 5.4) UNINJ I = Releases to UIC I Wells (section 5.4.1) UNINJ IIV = Releases to UIC II - V Wells (section 5.4.2) LANDF8795 = Releases to Landfills reporting years 1987 - 1995 (section 5.5.1) RCRA C = Releases to RCRA Subtitle C Landfills (section 5.5.1a) OTH LANDF = Releases to Other Landfills (section 5.5.1b) LAND TREA = Releases to Land treatment/application farming (section 5.5.2) SURF IMP = Releases to Surface Impoundment (section 5.5.3) OTH DISP = Releases to Other disposal (section 5.5.4) WATER = Releases to Stream or Water Body (section 5.3) SI 5.5.3A = Releases to RCRA Subtitle C Surface Impoundments (Section 5.5.3A) SI 5.5.3B = Releases to Other Surface Impoundments (Section 5.5.3B)
WATER_SEQUENCE_NUM	9	VC2	WATER.WATER_SEQUENCE Identification number assigned to the release to water record. The number is unique within a Document Control Number (DCN).

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
RELEASE_RANGE_CODE	1	C	V_POUND_RANGE.POUND_RANGE_CODE For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. 0 = zero 1 = 1-10 2 = 1-499 3 = 11-499 4 = 500-999
TOTAL_RELEASE	22,7	N	RELEASE_ON_SITE.TOTAL_RELEASE Estimation of the total amount of toxic chemical released on site to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds.
RELEASE_NA	1	C	RELEASE_ON_SITE.RELEASE_NA The release estimate NA flag. 1 = NA was provided for this release medium 0 = not NA
RELEASE_BASIS_EST_CODE	2	VC2	V_BASIS_OF_ESTIMATE.BASIS_CODE Code indicating the principal method by which the total release estimate is calculated. M1 = based on continuous monitoring data M2 = based on periodic/random monitoring data M = based on monitoring data (retired RY 2007) C = based on mass balance calculations E1 = based on published emission factors E2 = based on site specific emission factors E = based on published emission factors (retired RY 2007) O = other

2.18 TRI_WATER_STREAM Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (Value is 13) yy = reporting year nnnnnnnnn = number with check digit
WATER_SEQUENCE_NUM	9	VC2	WATER.WATER_SEQUENCE Identification number assigned to the release-transfer record. The number is unique within a DCN.
STREAM_NAME	70	VC2	WATER.WATER_BODY_NAME Name of each receiving stream or water body as it appears on the NPDES permit for the facility.
STORM_WATER_NA	1	C	WATER.WATER_STORM_NA Indicator that shows an "NA" is entered in the WATER_STORM field to report no source reduction activities at the facility. 1 = NA was reported in Storm Water Percent 0 = NA was not reported in Storm Water Percent
STORM_WATER_PERCENT	5,2	N	WATER.WATER_STORM Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
REACH_CODE	14	VC2	<p>A REACH code is a unique 14-digit code that identifies a continuous piece of surface water with similar hydrologic characteristics. It is assigned to each receiving water body by the United States Geographical Society's (USGS) National Hydrography Dataset (NHD).</p> <p>In reporting year 2014, the Toxics Release Inventory (TRI) Program began asking facilities to optionally report REACH codes on the Form R to indicate where they were discharging chemicals to streams or water bodies. The reporting of REACH codes enables EPA and other researchers to accurately map discharges to the correct stream when conducting analysis.</p> <p>EPA maps all reported discharges to REACHes (REACH codes) for purposes of its Risk Screening Environmental Indicators (RSEI) model, Discharge Monitoring Reports (DMR) Pollutant Loading Tool, and for other analyses. Identifying a REACH code ensures that EPA will map discharges to the correct stream or water body. In TRI-MEweb (TRI's reporting software), facilities have the option of using an interactive map to locate and identify the receiving stream or water body to which the chemical was released. TRI-MEweb will automatically populate the appropriate REACH code when a facility selects the receiving water body on the map.</p>

2.19 TRI_OFF_SITE_TRANSFER_LOCATION Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
TRANSFER_LOC_NUM	9	VC2	V_OFF_SITE.OFF_SITE_ID Sequence in which an off-site location is reported on a Form R.
OFF_SITE_NAME	62	VC2	OFF_SITE_TRANSFER.OFF_SITE_NAME Name of the off-site treatment or disposal location to which the chemical is sent.
OFF_SITE_STREET_ADDRESS	62	VC2	OFF_SITE_TRANSFER.OFF_SITE_STREET Address of the off-site disposal or treatment facility.
CITY_NAME	28	VC2	OFF_SITE_TRANSFER.OFF_SITE_CITY City in which the off-site transfer or disposal site is located.
COUNTY_NAME	25	VC2	OFF_SITE_TRANSFER.OFF_SITE_COUNTY County in which the off-site treatment or disposal site is located.
STATE_ABBR	2	VC2	OFF_SITE_TRANSFER.OFF_SITE_STATE Two-letter state abbreviation of the off-site treatment or disposal site.
PROVINCE	25	VC2	OFF_SITE_TRANSFER.OFF_SITE_PROVINCE Province in which the off-site treatment or disposal site is located.
ZIP_CODE	14	VC2	OFF_SITE_TRANSFER.OFF_SITE_ZIPCODE Zip code used in the address of an off-site treatment or disposal site.
COUNTRY_CODE	2	VC2	OFF_SITE_TRANSFER.COUNTRY_ID If the off-site facility is out of the country, this field contains the code for the country to which the transfer is sent. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 12.</i>
RCRA_NUM	12	VC2	OFF_SITE_TRANSFER.OFF_SITE_RCRA Identification number assigned to the off-site disposal facility covered by regulations of the RCRA and other regulations of the CERCLA, also known as the Superfund Act.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
CONTROLLED_LOC	1	C	OFF_SITE_TRANSFER.UNDER_CONTROL Code indicating whether the off-site location to which toxic chemical wastes are transferred is owned or controlled by the facility or parent company. 1 = under control of reporting facility 0 = not under control of reporting facility

2.20 TRI_POTW_LOCATION Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
POTW_LOC_NUM	9	VC2	POTW_91.POTW_91_SEQUENCE Identification number assigned to the Publicly Owned Treatment Works (POTW) location record. The number is unique within a DCN.
POTW_NAME	62	VC2	POTW_91.POTW_91_NAME Name of the POTW location to which the chemical was sent.
POTW_STREET_ADDRESSES	62	VC2	POTW_91.POTW_91_ADDRESS Street address of the POTW location to which the chemical was sent.
CITY_NAME	28	VC2	POTW_91.POTW_91_CITY Name of the city in which the POTW site is located.
COUNTY_NAME	25	VC2	POTW_91.POTW_91_COUNTY Name of the county in which the POTW site is located.
STATE_ABBR	2	VC2	POTW_91.POTW_91_STATE Two-letter state abbreviation of the POTW site.
ZIP_CODE	14	VC2	POTW_91.POTW_91_ZIPCODE Zip code used in the address of a POTW site.

2.21 TRI_TRANSFER_QTY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
TRANSFER_LOC_NUM	9	VC2	OFF_SITE_AMOUNT.OFF_SITE_TRANSFER_SEQUEN CE Identification number assigned to the off site transfer location record. The number is unique within a DCN.
OFF_SITE_AMOUNT_ SEQUENCE	9	VC2	OFF_SITE_AMOUNT.OFF_SITE_AMOUNT_SEQUENC E Sequence in which an off-site transfer amount is reported within an off-site location on a submission .
TYPE_OF_WASTE_ MANAGEMENT	3	VC2	V_OFF_SITE.OFF_SITE_CODE Codes identifying the type of treatment or disposal method used by the off-site location. P91 = Transfer to POTW <i>For a list of other values, refer to TRI_CODE_DESC file TABLE_ID = 9.</i>
TRANSFER_RANGE_CO DE	1	C	V_POUND_RANGE.POUND_RANGE_CODE Code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. 0 = zero 1 = 1-10 2 = 1-499 3 = 11-499 4 = 500-999
TOTAL_TRANSFER	22,7	N	OFF_SITE_AMOUNT.OFF_SITE_TOTAL Estimate of the total quantity in pounds of reported chemical contained in the waste transferred to the off-site facility. Range codes may be used for transfers of less than 1000 lbs.
TRANSFER_EST_NA	1	C	OFF_SITE_AMOUNT.OFF_SITE_NA The off site estimate NA flag. 1 = NA was provided for this off-site estimate 0 = not NA

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRANSFER_BASIS_EST_CODE	2	VC2	V_BASIS_OF_ESTIMATE.BASIS_CODE Code indicating the principal method by which the total transfer estimate is calculated. M1 = based on continuous monitoring data M2 = based on periodic/random monitoring data M = based on monitoring data (retired RY 2007) C = based on mass balance calculations E1 = based on published emission factors E2 = based on site specific emission factors E = based on published emission factors (retired RY 2007) O = other
POTW_PERCENTAGE_TO_81C	5,2	N	The POTW Percentage to 81C is an optional percentage that a facility can provide to better indicate the amount of a transfer to a Publically Owned Treatment Works (POTW) that is released at the POTW (off-site relative to the reporting facility) to Class I Underground Injection Wells, RCRA Subtitle C landfills, and/or other landfills. As an example of how this data element is used, suppose a facility reported a 200 lb transfer of a chemical to a POTW and optionally provided the following release and treatment percentages: Percentage to 81C = 15% Percentage to 81D = 35% Percentage to 87 = 50% The percentages above would be used to calculate the amount of the transfer that would ultimately be treated or released at the POTW. In the case of the example, 30 lbs (200 X .15 =) would be released to Class I Underground Injection Wells, RCRA Subtitle C landfills and/or other landfills. This amount would be part of the total entered into Part II, Section 8.1c - Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills. 70 lbs (200 X .35) would be released at the POTW to other media. This amount would be part of the total for 8.1d - Total other off-site disposal or other releases. And, 100 lbs (200 X .5) of the chemical would be treated at the POTW. This amount would be part of the total calculation for 8.7 - Quantity treated off-site. This data element was introduced in reporting year 2014.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
POTW_PERCENTAGE_T O_81D	5,2	N	<p>The POTW Percentage to 81D is an optional percentage that a facility can provide to better indicate the amount of a transfer to a Publically Owned Treatment Works (POTW) that is released at the POTW (off-site relative to the reporting facility) to other media besides Class I Underground Injection Wells, RCRA Subtitle C landfills, and/or other landfills.</p> <p>As an example of how this data element is used, suppose a facility reported a 200 lb transfer of a chemical to a POTW and optionally provided the following release and treatment percentages:</p> <p>Percentage to 81C = 15% Percentage to 81D = 35% Percentage to 87 = 50%</p> <p>The percentages above would be used to calculate the amount of the transfer that would ultimately be treated or released at the POTW. In the case of the example, 30 lbs (200 X .15 =) would be released to Class I Underground Injection Wells, RCRA Subtitle C landfills and/or other landfills. This amount would be part of the total entered into Part II, Section 8.1c - Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills. 70 lbs (200 X .35) would be released at the POTW to other media. This amount would be part of the total for 8.1d - Total other off-site disposal or other releases. And, 100 lbs (200 X .5) of the chemical would be treated at the POTW. This amount would be part of the total calculation for 8.7 - Quantity treated off-site. This data element was introduced in reporting year 2014.</p>
POTW_PERCENTAGE_T O_87	5,2	N	<p>The POTW Percentage to 87 is an optional percentage that a facility can provide to better indicate the amount of a transfer to a Publically Owned Treatment Works (POTW) that is treated at the POTW.</p> <p>As an example of how this data element is used, suppose a facility reported a 200 lb transfer of a chemical to a POTW and optionally provided the following release and treatment percentages:</p> <p>Percentage to 81C = 15% Percentage to 81D = 35% Percentage to 87 = 50%</p> <p>The percentages above would be used to calculate the amount of the transfer that would ultimately be treated or released at the POTW. In the case of the example, 30 lbs (200 X .15 =) would be released to Class I Underground Injection Wells, RCRA Subtitle C landfills and/or other landfills. This amount would be part of the total entered into Part II, Section 8.1c - Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills. 70 lbs (200 X .35) would be released at the POTW to other media. This amount would be part of the total for 8.1d - Total other off-site disposal or other releases. And, 100 lbs (200 X .5) of the chemical would be treated at the POTW. This amount would be part of the total calculation for 8.7 - Quantity treated off-site. This data element was introduced in reporting year 2014.</p>

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
POTW_PERCENTAGE_PROVIDED	1	N	This flag indicates whether the facility has provided percentages of how a POTW transfer should be divided up between Section 8.1c - Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills; 8.1d - Total other off-site disposal or other releases and 8.7 - Quantity treated off-site. These provide percentages override the default percentages provide in the TRI reporting application, TRI-MEweb. There values for this data element are 0 = NO, 1=YES. This data element was introduced in reporting year 2014.

2.22 TRI_ENERGY_RECOVERY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
ONSITE_ENERGY_PROC_CODE	3	VC2	V_ON_SITE_ENERGY.ON_SITE_ENERGY_CODE Code that identifies on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 14.</i>

2.23 TRI_RECYCLING_PROCESS Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
ONSITE_RECYCLING_P ROC_CODE	3	VC2	V_ON_SITE_RECYCLING.ON_SITE_RECYCLING_CO DE Code to identify recycling processes used on-site. Codes are standardized in a look-up table. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 15.</i>

2.24 TRI_ONSITE_WASTESTREAM Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
WASTESTREAM_SEQ_NUM	9	VC2	ON_SITE_WASTE_STREAM.STREAM_SEQUENCE Sequence in which an on-site waste treatment process is reported on a submission. The starting value for each DCN is always 001.
WASTESTREAM_CODE	1	C	V_WASTE_STREAM.STREAM_CODE Indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste N = Not Applicable
INFLUENT_CONC_RANGE	2	C	ON_SITE_WASTE_STREAM.INFLUENT Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 10.</i>
SEQUENTIAL_TREAT_87_90	1	C	ON_SITE_WASTE_STREAM.SEQUENTIAL_TREATMENT_87_90 This field indicates if the treatment steps have been used in sequence, for RY87 through RY90 records, to estimate the treatment efficiency of the overall treatment process.
TREATMENT_EFFICIENCY_EST	5,2	N	ON_SITE_WASTE_STREAM.EFFICIENCY Estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.
TREATMENT_EFFICIENCY_EST_NA	1	C	ON_SITE_WASTE_STREAM.EFFICIENCY_NA If NA is entered for the waste treatment EFFICIENCY estimate 1 = NA entered for waste stream efficiency 0 = NA not entered for waste stream efficiency

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
OPERATING_DATA_IND	1	C	ON_SITE_WASTE_STREAM.OPERATING_DATA This field indicates that the information given in the EFFICIENCY field is based on operating data. 1 = Yes 0 = No
EFFICIENCY_RANGE_CODE	2	C	ON_SITE_WASTE_STREAM.EFFICIENCY_RANGE_CODE This field indicates percentage of the toxic chemical removed from the waste stream as a range code. Values are as follows: E1 = Greater than 99.9999% E2 = Greater than 99.99%, but less than or equal to 99.9999% E3 = Greater than 99%, but less than or equal to 99.99% E4 = Greater than 95%, but less than or equal to 99% E5 = Greater than 50%, but less than or equal to 95% E2 = Equal or greater than 0%, but less or equal to 50%

2.25 TRI_ONSITE_WASTE_TREATMENT_MET Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
WASTESTREAM_SEQ_NUM	9	VC2	ON_SITE_TREATMENT_METHOD.STREAM_SEQUENCE Sequence in which an on-site waste treatment process is reported on a submission.
TREATMENT_SEQUENCE	9	VC2	ON_SITE_TREATMENT_METHOD.TREATMENT_SEQUENCE This field provides the sequence in which the treatment methods are entered within a waste stream.
TREATMENT_METHOD_CODE	3	VC2	V_TREATMENT.TREATMENT_CODE Code corresponding to the treatment method used on the waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 13.</i>

2.26 TRI_SOURCE_REDUCT_METHOD Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
REDUCTION_SEQUENC E_NUM	9	VC2	REDUCTION.REDUCTION_SEQUENCE Sequence in which source reduction activities are reported on a submission and records are entered. The starting value for each DCN is always 001.
SOURCE_REDUCT_ACTI VITY	3	VC2	REDUCTION.ACTIVITY Code indicating the technique used to identify the source reduction actions taken to reduce the amount of the chemical released, used for energy recovery, or treated in the reporting year. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 17.</i>
SOURCE_REDUCT_MET HOD_1	3	VC2	REDUCTION.METHOD_A_ID Code indicating the first method used for source reduction activities in the reporting year. <i>For a list of values, refer to TRI_CODE_DESC fileTABLE_ID = 18.</i>
SOURCE_REDUCT_MET HOD_2	3	VC2	REDUCTION.METHOD_B_ID Code indicating the second method used for source reduction activities in the reporting year. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 18.</i>
SOURCE_REDUCT_MET HOD_3	3	VC2	REDUCTION.METHOD_C_ID Code indicating the third method used for source reduction activities in the reporting year. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 18.</i>

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
EST_ANNUAL_REDUCT	2	VC2	<p>The Estimated Annual Reduction is an optional percentage range code indicating the estimated annual reduction in chemical waste generation associated with any source reduction activity(s) a facility reported in Section 8.10 of the Form R. The reporting of this data element began in reporting year 2014 when it was added to the Form R.</p> <p>A facility can enter one of six ranges codes for Estimated Annual Reduction. The range codes and their values are as follows:</p> <p>R1 = 100% (elimination of the chemical) R2 = greater than or equal to 50%, but less than 100% R3 = greater than or equal to 25%, but less than 50% R4 = greater than or equal 15%, but less than to 25% R5 = greater than or equal 5%, but less than to 15% R6 = greater than 0%, but less than 5%</p> <p>The lookup values for this code can be found in the TRI_CODE_DESC table where TABLE_ID = 25.</p>

2.27 TRI_SOURCE_REDUCT_QTY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC 2	FORMR.DOC_TYPE+YEAR+SEQ_NUM Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type yy = reporting year nnnnnnnnn = number with check digit
RECYC_ONSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Total actual quantity in pounds of the reported chemical exiting a source reduction or recycling process on-site in the current reporting year.
RECYC_ONSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA This field indicates if NA is entered for the RECYCLE ONSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
RECYC_ONSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical exiting a recycling process on-site during the year prior to the current reporting year.
RECYC_ONSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA This field indicates if NA is entered for the RECYCLED ONSITE PREVIOUS YEAR quantity. 1 = NA 0 = not NA
RECYC_ONSITE_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Quantity of the chemical expected to exit the recycling process on-site in the year following the current reporting year.
RECYC_ONSITE_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating NA is entered for the RECYCLED ONSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
RECYC_ONSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical expected to exit a recycling process on-site in the second year following the current reporting year.
RECYC_ONSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the RECYCLED ONSITE SECOND YEAR quantity. 1 = NA 0 = not NA

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
RECYC_OFFSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical sent off-site for recycling during the current reporting year.
RECYC_OFFSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the RECYCLED OFFSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
RECYC_OFFSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical sent off-site for recycling during the year prior to the current reporting year.
RECYC_OFFSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA Code indicating if NA is entered for the RECYCLED OFFSITE PREVIOUS YEAR quantity. 1 = NA 0 = not NA
RECYC_OFFSITE_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical expected to be sent off-site during the year following the current reporting year.
RECYC_OFFSITE_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the RECYCLED OFFSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
RECYC_OFFSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical expected to be sent off-site for recycling during the second year following the current reporting year.
RECYC_OFFSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the RECYCLED OFFSITE SECOND YEAR quantity. 1 = NA 0 = not NA
ENERGY_ONSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical entering energy recovery on-site during the current reporting year.
ENERGY_ONSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY ONSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
ENERGY_ONSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical entering energy recovery on-site during the year prior to the current reporting year.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ENERGY_ONSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY ONSITE PREVIOUS YEAR quantity. 1 = NA 0 = not NA
ENERGY_ONSITE_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical expected to enter energy recovery on-site during the year following the current reporting year.
ENERGY_ONSITE_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY ONSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
ENERGY_ONSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical expected to enter energy recovery on-site during the second year following the current reporting year.
ENERGY_ONSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY ONSITE SECOND YEAR quantity. 1 = NA 0 = not NA
ENERGY_OFFSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical sent off-site for energy recovery during the current reporting year.
ENERGY_OFFSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY OFFSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
ENERGY_OFFSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical sent off-site for energy recovery during the year prior to the current reporting year.
ENERGY_OFFSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY PREVIOUS YEAR quantity. 1 = NA 0 = not NA
ENERGY_OFFSITE_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical expected to be sent off-site for energy recovery during the year following the current reporting year.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ENERGY_OFFSITE_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY OFFSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
ENERGY_OFFSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical expected to be sent off-site for energy recovery during the second year following the current reporting year.
ENERGY_OFFSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the ENERGY RECOVERY SECOND YEAR quantity. 1 = NA 0 = not NA
TREATED_ONSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical entering treatment on-site during the current reporting year.
TREATED_ONSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the TREATMENT ONSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
TREATED_ONSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical entering treatment on-site during the year prior to the current reporting year.
TREATED_ONSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA Code indicating if NA is entered for the TREATED ONSITE PREVIOUS YEAR quantity. 1 = NA 0 = not NA
TREATED_ONSITE_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical that will be treated on-site during the year following the current reporting year.
TREATED_ONSITE_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the estimated TREATED ONSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
TREATED_ONSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical that will be treated on-site in the second year following the current reporting year.
TREATED_ONSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the estimated TREATED ONSITE SECOND YEAR quantity. 1 = NA 0 = not NA

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TREATED_OFFSITE_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical sent off-site for treatment during the current reporting year.
TREATED_OFFSITE_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the TREATED OFFSITE CURRENT YEAR quantity. 1 = NA 0 = not NA
TREATED_OFFSITE_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical sent off-site for treatment during the year prior to the current reporting year.
TREATED_OFFSITE_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA Code indicating if NA is entered for the TREATMENT OFFSITE PREVIOUS YEAR quantity. 1 = NA 0 = not NA
TREATED_OFFSITE_FOLLO_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical that will be treated off-site during the year following the current reporting year.
TREATED_OFFSITE_FOLLO_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the estimated TREATED OFFSITE FOLLOWING YEAR quantity. 1 = NA 0 = not NA
TREATED_OFFSITE_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical that will be treated off-site during the second year following the current reporting year.
TREATED_OFFSITE_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the estimated TREATED OFFSITE SECOND YEAR quantity. 1 = NA 0 = not NA
REL_CURR_YR_QTY	22,7	N	SOURCE_REDUCTION.CURRENT_YEAR Quantity of the chemical released into the environment during the current reporting year.
REL_CURR_YR_NA	1	C	SOURCE_REDUCTION.CURRENT_YEAR_NA Code indicating if NA is entered for the amount RELEASED CURRENT YEAR quantity. 1 = NA 0 = not NA
REL_PREV_YR_QTY	22,7	N	SOURCE_REDUCTION.PRIOR_YEAR Quantity of the chemical released into the environment during the year prior to the current reporting year.

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
REL_PREV_YR_NA	1	C	SOURCE_REDUCTION.PRIOR_YEAR_NA This field indicates if NA is entered for the amount RELEASED PREVIOUS YEAR quantity. 1 = NA 0 = not NA
REL_FOLL_YR_QTY	22,7	N	SOURCE_REDUCTION.FOLLOWING_YEAR Estimated quantity of the chemical that will be released into the environment during the year following the current reporting year.
REL_FOLL_YR_NA	1	C	SOURCE_REDUCTION.FOLLOWING_YEAR_NA Code indicating if NA is entered for the amount estimated to be RELEASED FOLLOWING YEAR quantity. 1 = NA 0 = not NA
REL_SECD_YR_QTY	22,7	N	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR Estimated quantity of the chemical that will be released into the environment in the second year following the current reporting year.
REL_SECD_YR_NA	1	C	SOURCE_REDUCTION.SECOND_FOLLOWING_YEAR_NA Code indicating if NA is entered for the amount estimated to be RELEASED SECOND YEAR quantity. 1 = NA 0 = not NA
REL_81a_CURR_YR_QTY	22,7	N	Total Current Year On-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1a, column B of the Form R
REL_81a_CURR_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81a_CURR_YR_QTY 1 = NA 0 = not NA
REL_81a_PREV_YR_QTY	22,7	N	Total Prior Year On-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1a, column A of the Form R
REL_81a_PREV_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81a_PREV_YR_QTY 1 = NA 0 = not NA
REL_81a_FOLL_YR_QTY	22,7	N	Total Following Year On-site Releases Estimate to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1a, column C of the Form R
REL_81a_FOLL_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81a_FOLL_YR_QTY 1 = NA 0 = not NA

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
REL_81a_SECD_YR_QTY	22,7	N	Total Second Following Year On-site Releases Estimate to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1a, column D of the Form R
REL_81a_SECD_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81a_SECD_YR_QTY 1 = NA 0 = not NA
REL_81b_CURR_YR_QTY	22,7	N	Total Current Year Other On-site Disposal or Releases. Data represents part II, section 8.1b, column B of the Form R
REL_81b_CURR_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81b_CURR_YR_QTY 1 = NA 0 = not NA
REL_81b_PREV_YR_QTY	22,7	N	Total Prior Year Other On-site Disposal or Releases. Data represents part II, section 8.1b, column A of the Form R
REL_81b_PREV_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81b_PREV_YR_QTY 1 = NA 0 = not NA
REL_81b_FOLL_YR_QTY	22,7	N	Total Following Year Other On-site Disposal or Releases. Data represents part II, section 8.1b, column C of the Form R
REL_81b_FOLL_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81b_FOLL_YR_QTY 1 = NA 0 = not NA
REL_81b_SECD_YR_QTY	22,7	N	Total Second Following Year Other On-site Disposal or Releases. Data represents part II, section 8.1b, column D of the Form R
REL_81b_SECD_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81b_SECD_YR_QTY 1 = NA 0 = not NA
REL_81c_CURR_YR_QTY	22,7	N	Total Current Year Off-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1c, column B of the Form R
REL_81c_CURR_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81c_CURR_YR_QTY 1 = NA 0 = not NA
REL_81c_PREV_YR_QTY	22,7	N	Total Prior Year Off-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1c, column A of the Form R
REL_81c_PREV_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81c_PREV_YR_QTY 1 = NA 0 = not NA

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
REL_81c_FOLL_YR_QTY	22,7	N	Total Following Year Off-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1c, column C of the Form R
REL_81c_FOLL_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81c_FOLL_YR_QTY 1 = NA 0 = not NA
REL_81c_SECD_YR_QTY	22,7	N	Total Second Following Year Off-site Releases to Class I Underground Injection Wells, RCRA Subtitle C Landfill and other landfills. Data represents part II, section 8.1c, column D of the Form R
REL_81c_SECD_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81c_SECD_YR_QTY 1 = NA 0 = not NA
REL_81d_CURR_YR_QTY	22,7	N	Total Current Year Other Off-site Disposal or Releases. Data represents part II, section 8.1d, column B of the Form R
REL_81d_CURR_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81d_CURR_YR_QTY 1 = NA 0 = not NA
REL_81d_PREV_YR_QTY	22,7	N	Total Prior Year Other Off-site Disposal or Releases. Data represents part II, section 8.1d, column A of the Form R
REL_81d_PREV_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81d_PREV_YR_QTY 1 = NA 0 = not NA
REL_81d_FOLL_YR_QTY	22,7	N	Total Following Year Other Off-site Disposal or Releases. Data represents part II, section 8.1d, column C of the Form R
REL_81d_FOLL_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81d_FOLL_YR_QTY 1 = NA 0 = not NA
REL_81d_SECD_YR_QTY	22,7	N	Total Second Following Year Other Off-site Disposal or Releases. Data represents part II, section 8.1d, column D of the Form R
REL_81d_SECD_YR_NA	1	C	Code indicating if NA is entered for the amount estimated to be REL_81d_SECD_YR_QTY 1 = NA 0 = not NA

2.28 TRI_ZIP_CODE Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ZIP_CODE	5	VC2	V_ZIPCODE.ZC_ZIPCODE US Postal Service (USPS) Zip Code.
CITY_NAME	28	VC2	V_CITY.ZC_CITY Name of the city based on Zip Code.
STATE_ABBR	2	VC2	V_STATE.ZC_STATE Two-character state abbreviation based on Zip Code.
REGION	2	VC2	V_REGION.REGION_CODE EPA region in which the state is located (01-10). <i>For a list of values, refer to file TRI_CODE_DESC TABLE_ID = 1.</i>
COUNTRY_NAME	30	VC2	V_COUNTRY_FIPS.COUNTRY Name of the country in which the facility is located. <i>For a list of values, refer to TRI_CODE_DESC TABLE_ID = 12.</i>
TRI_CENTROID_LAT	7	VC2	V_ZIPCODE.ZC_LATITUDE Standardized latitudinal coordinates (centroid latitude) assigned based on Zip Code as contained in ZipWhere.
TRI_CENTROID_LONG	8	VC2	V_ZIPCODE.ZC_LONGITUDE Standardized longitudinal coordinates (centroid longitude) assigned based on Zip Code as contained in ZipWhere.

2.29 TRI_COUNTY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
ZIP_CODE	9	VC2	V_ZIPCODE.ZC_ZIPCODE USPS Zip Code.
COUNTY_NAME	25	VC2	V_COUNTY.ZC_COUNTY Name of the county associated with the USPS Zip Code.

2.30 TRI_CODE_DESC Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TABLE_ID	12	VC2	Categories 1 = REGION 2 = ASGN_AGENCY 3 = COUNTY_FIPS 4 = MAX_WEIGHT_RANGE 5 = POUND_RANGE 6 = BASIS_OF_ESTIMATE 7 = RELEASE_TYPE 8 = SIC 9 = OFF_SITE treatment type 10 = CONCENTRATION_CODE 11 = WASTE_STREAM 12 = COUNTRY_FIPS 13 = TREATMENT 14 = ON_SITE_ENERGY 15 = ON_SITE_RECYCLING 16 = SOURCE_REDUCTION_TYPE 17 = SR_ACTIVITY_CODE 18 = SR_METHOD 19 = ON-SITE WASTE TREATMENT EFFICIENCY RANGE 20 = NAICS
CODE	9	VC2	Codes are listed for each of the tables in TABLE_ID.
DESCRIPT	80	VC2	Description of the codes listed for each of the tables in TABLE_ID.

2.31 TRI_FACILITY_NAICS Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
PRIMARY_IND	1	C	FACILITY_NAICS.ASGN_NAICS Code indicating whether the NAICS code is the primary NAICS code assigned to the facility. 1 = NAICS code is the assigned primary NAICS code for the facility 0 = NAICS code is not the assigned primary NAICS code
NAICS_CODE	4	C	V_NAICS.NAICS NAICS Code. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 20.</i>

2.32 TRI_FACILITY_NAICS_HISTORY Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
REPORTING_YEAR	4	VC2	FACILITY_HISTORY.REPORTING_YEAR Calendar year in which the reported activities occur.
PRIMARY_IND	1	C	FACILITY_HISTORY_NAICS.ASGN_NAICS Code indicating whether the NAICS is the primary NAICS for the facility. 1 = Assigned primary 0 = Not primary
NAICS_CODE	6	C	FACILITY_HISTORY_NAICS.NAICS_CODE NAICS Code. <i>For a list of values, refer to TRI_CODE_DESC file TABLE_ID = 20</i>

2.33 TRI_SUBMISSION_NAICS Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
TRI_FACILITY_ID	15	VC2	FACILITY.TRIFID A generated facility identifier using the facility name, address, and zip code. The format is zzzzznnnnnsssss. zzzzz = zip code at the time of assignment nnnnn = first five consonants of the name at the time of assignment sssss = first five letters or numbers of the street address at the time of assignment Note: Some IDs have been manually altered and do not conform to the algorithm.
DOC_CTRL_NUM	13	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnnn = number with check digit
NAICS_CODE	6	C	V_NAICS.NAICS NAICS Code. <i>For a list of values, refer to TRI_CODE_DESC TABLE_ID =20..</i>
NAICS_SEQUENCE NUM	9	N	NAICS.NAICS_SEQUENCE Sequence number corresponding to the order of appearance of the NAICS on the submitter's Form R.
PRIMARY_IND	1	C	NAICS.ASGN_NAICS Code indicating whether the NAICS code is the Primary NAICS code applicable to the facility. 1 = NAICS code is assigned the primary NAICS code 0 = NAICS code is not the primary

2.34 TRI_ADDITIONAL_INFO Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnnn = number with check digit
TYPE	10	VC2	Values: “ ADDITIONAL ” – Indicates data in ADDITIONAL_TEXT field is from Section 8.1, additional pollution prevention information “ OPTIONAL ” – Indicates data in Additional_Text field is from section 9.1, optional information
ADDITIONAL_TEXT	4000	VC2	Additional and optional information about on source reduciton, recycling or pollution control activities

2.35 TRI_FORM_R_SCHEDULE_ONE Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	13	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnn = number with check digit
ENVIRONMENTAL_MEDIUM	9	VC2	Values: AIR FUG section 5.1 Fugitive or non-point air emissions AIR STACK section 5.2 Stack or point air emissions WATER section 5.3 Discharges to receiving streams or water bodies UNINJ I section 5.4.1 Underground Injection onsite to Class I Wells UNINJ IIV section 5.4.2 Underground Injection onsite to Class II-V Wells RCRA C section 5.5.1.A RCRA Subtitle C landfills OTH LANDF section 5.5.1.B Other landfills LAND TREA section 5.5.2 Land treatment/application farming SI 5.5.3A section 5.5.3.A RCRA Subtitle C surface impoundments SI 5.5.3B section 5.5.3.B Other surface impoundments OTH DISP section 5.5.4 Other disposal POTW section 6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS OFFSITE section 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS SECT_8_1A section 8.1a Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills SECT_8_1B section 8.1b Total other on-site disposal or other releases SECT_8_1C section 8.1c Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills SECT_8_1D section 8.1d Total other off-site disposal or other releases SECT_8_2 section 8.2 Quantity used for energy recovery onsite SECT_8_3 section 8.3 Quantity used for energy recovery offsite SECT_8_4 section 8.4 Quantity recycled onsite SECT_8_5 section 8.5 Quantity recycled offsite SECT_8_6 section 8.6 Quantity treated onsite SECT_8_7 section 8.7 Quantity treated offsite SECT_8_8 section 8.8 Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)

SEQUENCE_NUM	9	VC2	<p>If ENVIRONMENTAL_MEDIUM = 'WATER' then SEQUENCE_NUM represents the order in which the water release appears on the form R. See TRI_WATER_STREAM. WATER_SEQUENCE_NUM.</p> <p>Else, if the ENVIRONMENTAL_MEDIUM = 'OFFSITE' then SEQUENCE_NUM represents the order in which the offsite transfer location appears on the form R. See TRI_TRANSFER_QTY. TRANSFER_LOC_NUM</p> <p>Otherwise, ENVIRONMENTAL_MEDIUM will be blank.</p>
OFF_SITE_AMOUNT_SEQUENCE	9	VC2	<p>Sequence in which an off-site transfer amount is reported within an off-site location on a submission. Values only exist for this field where ENVIRONMENTAL_MEDIUM = 'OFFSITE'. See TRI_TRANSFER_QTY. OFF_SITE_AMOUNT_SEQUENCE</p>
TYPE_OF_WASTE_MANAGEMENT	3	VC2	<p>V_OFF_SITE.OFF_SITE_CODE Codes identifying the type of treatment or disposal method used by the off-site location. Values only exist for this field where ENVIRONMENTAL_MEDIUM = 'OFFSITE'. P91 = Transfer to POTW <i>For a list of other values, refer to TRI_CODE_DESC file TABLE_ID = 9.</i></p>
TOTAL_RELEASE	21,7	N	<p>Estimation of the total amount of toxic chemical released on site, managed off-site or reported in section 8. This is the value that appears on the Form R in section 5, 6 or 8 (current year only).</p>
RELEASE_NA	1	C	<p>Code indicating if not applicable (NA) is entered for the amount section 5, 6 or 8 (current year only) 1 = NA applied instead of value 0 = Not NA</p>
CALCULATED_TEQ	21,7	N	<p>The CALCULATED_TEQ is the Toxic Equivalency (TEQ) total value for each of the reported media. It is calculated by multiplying the grams data for each dioxin congener of the media type by its Toxic Equivalency Factor (TEF) value and then summing the results.</p>
DIOXIN_CONGENER1	21,7	N	Grams value of 2,3,7,8-Tetrachlorodibenzo- p-dioxin
DIOXIN_CONGENER2	21,7	N	Grams value of 1,2,3,7,8-Pentachlorodibenzo- p-dioxin
DIOXIN_CONGENER3	21,7	N	Grams value of 1,2,3,4,7,8-Hexachlorodibenzo- p-dioxin
DIOXIN_CONGENER4	21,7	N	Grams value of 1,2,3,6,7,8-Hexachlorodibenzo- p-dioxin
DIOXIN_CONGENER5	21,7	N	Grams value of 1,2,3,7,8,9-Hexachlorodibenzo- p-dioxin
DIOXIN_CONGENER6	21,7	N	Grams value of 1,2,3,4,6,7,8-Heptachlorodibenzo- p-dioxin
DIOXIN_CONGENER7	21,7	N	Grams value of 1,2,3,4,6,7,8,9-Octachlorodibenzo- p-dioxin

DIOXIN_CONGENER8	21,7	N	Grams value of 2,3,7,8-Tetrachlorodibenzofuran
DIOXIN_CONGENER9	21,7	N	Grams value of 1,2,3,7,8-Pentachlorodibenzofuran
DIOXIN_CONGENER10	21,7	N	Grams value of 2,3,4,7,8-Pentachlorodibenzofuran
DIOXIN_CONGENER11	21,7	N	Grams value of 1,2,3,4,7,8-Hexachlorodibenzofuran
DIOXIN_CONGENER12	21,7	N	Grams value of 1,2,3,6,7,8-Hexachlorodibenzofuran
DIOXIN_CONGENER13	21,7	N	Grams value of 1,2,3,7,8,9-Hexachlorodibenzofuran
DIOXIN_CONGENER14	21,7	N	Grams value of 2,3,4,6,7,8-Hexachlorodibenzofuran
DIOXIN_CONGENER15	21,7	N	Grams value of 1,2,3,4,6,7,8-Heptachlorodibenzofuran
DIOXIN_CONGENER16	21,7	N	Grams value of 1,2,3,4,7,8,9-Heptachlorodibenzofuran
DIOXIN_CONGENER17	21,7		Grams value of 1,2,3,4,7,8,9-Heptachlorodibenzofuran

2.36 TRI_TRIBE_DESC Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
BIA_CODE	3	VC2	FACILITY.BIA_TRIBAL_CODE Code indicating the tribal land a facility is on
TRIBE	350	VC2	V_INDIAN_COUTRY.INDIAN_COUNTRY_NAME The name of the Tribe.
REGION	2	VC2	V_INDIAN_COUNTRY.REGION_ID EPA region in which the tribe is located (01-10). <i>For a list of values, refer to file TRI_CODE_DESC TABLE_ID = 1.</i>
EPA_TRIBE_ID	9	VC2	V_INDIAN_COUNTRY.EPA_ID EPA Tribal Identification Code
STATE_ABBR	2	VC2	V_INDIAN_COUNTRY.STATE State where the Tribe is located

2.37 TRI_TRIPS_COMMENT Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
DOC_CTRL_NUM	3	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttyynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnnn = number with check digit
COMMENT_SEQ	10	N	TRIPS_COMMENT.COMMENT_ID Unique identifier for comment data
SECTION	10	VC2	TRIPS_COMMENT.SECTION The section of the form that the comment came from, either 8.11 or 9.1

COMMENT_TYPE	10	VC2	<p>TRIPS_COMMENT.COMMENT_TYPE</p> <p>This field is a code that describes the type of the comment. The following are the list of values:</p> <p>REV - Revision comment</p> <p>PRAI - Comment about the Production Ratio or Activity Index comment</p> <p>TARL - "Total Air Releases" DQA comment</p> <p>TWRL - "Total Water Releases" DQA comment</p> <p>TOTAL - "Total Releases" DQA comment</p> <p>TPRL - "Total Production-related Releases" DQA comment</p> <p>NPFY - "No Prior Reporting Year Form" DQA comment</p> <p>SNC - "SIC NAICS Code" DQA comment</p> <p>MSC1 - "Missing Schedule 1" DQA comment</p> <p>811AI - "Section 8.11 Additional Information" DQA comment</p> <p>W-code - Comment for a W code entered in section 8.10</p> <p>T-code - Comment for a T code entered in section 8.10</p> <p>SRNA - Source Reduction Activities Not Applicable comment</p> <p>8.11 - the text entered in section 8.11</p> <p>9.1 - the text entered in section 9.1</p>
COMMENT_TEXT	4000	VC2	<p>TRIPS_COMMENT.COMMENT_TEXT</p> <p>The text of the comment</p>
P2_CLASSIFICATION	40	VC2	<p>TRIPS_COMMENT.P2_CLASSIFICATION</p> <p>Classification of the comments that relate to Pollution Prevention. The possible values are:</p> <ul style="list-style-type: none"> - Miscellaneous - Barriers to P2 - Not Classified - Source Reduction

2.38 TRI_FORM_TOTALS Table

Field Name	Len	Type	Source (TABLE NAME.FIELD NAME) Description
<u>DOC_CTRL_NUM</u>	13	VC2	FORMR.DCN Unique identifier assigned to each submission. The format is ttynnnnnnnnn. tt = document type (<i>Value is 13</i>) yy = reporting year nnnnnnnnn = number with check digit
<u>TOTAL_AIR_RELEASE</u>	21,7	N	The total amount of the toxic chemical released to air at the facility during the reporting year (January 1 - December 31). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of: 5.1 - Fugitive or non-point air emissions 5.2 - Stack or point air emissions Release amounts may be reported as specific numbers or as ranges. The following ranges can be used to report emissions: 1-10 lbs (mid-point 5 lbs) 11-499 lbs (mid-point 250 lbs) 500-999 lbs (mid-point 750 lbs) If a facility reports a range, the mid-point of the range is used when calculating totals.
<u>TOTAL_WATER_RELEASE</u>	21,7	N	The total amount of the toxic chemical released to water at the facility during the reporting year (January 1 - December 31). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of: 5.3 - Discharges to receiving streams or water bodies Release amounts may be reported as specific numbers or as ranges. The following ranges can be used to report emissions: 1-10 lbs (mid-point 5 lbs) 11-499 lbs (mid-point 250 lbs) 500-999 lbs (mid-point 750 lbs) If a facility reports a range, the mid-point of the range is used when calculating totals.
<u>NUMBER_OF_STREAMS</u>	3	N	The total number of streams or water bodies the facility released the chemical into.

<u>TOTAL LAND RELEASE</u>	21,7	N	<p>The total amount the toxic chemical released to Land at the facility during the reporting year (January 1 - December 31). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of:</p> <p>5.4.1 Class I Underground Injection Wells 5.4.2 Class II-V Underground Injection Wells 5.5.1A RCRA Subtitle C landfills 5.5.1B Other landfills 5.5.2 Land treatment/application farming 5.5.3A RCRA Subtitle C surface impoundments 5.5.3B Other surface impoundments 5.5.4 Other disposal</p> <p>Release amounts may be reported as specific numbers or as ranges. The following ranges can be used to report emissions:</p> <table data-bbox="690 688 1031 808"> <thead> <tr> <th>Range(lbs)</th> <th>Mid-point (lbs)</th> </tr> </thead> <tbody> <tr> <td>1-10</td> <td>5</td> </tr> <tr> <td>11-499</td> <td>250</td> </tr> <tr> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>If a facility reports a range, the mid-point of the range is used when calculating totals.</p>	Range(lbs)	Mid-point (lbs)	1-10	5	11-499	250	500-999	750
Range(lbs)	Mid-point (lbs)										
1-10	5										
11-499	250										
500-999	750										
<u>TOTAL ONSITE RELEASE</u>	21,7	N	<p>The total amount the toxic chemical released On-site at the facility during the reporting year (January 1 - December 31). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of:</p> <p>TOTAL_AIR_RELEASE TOTAL_WATER_RELEASE TOTAL_LAND_RELEASE</p>								

<p><u>POTW RELEASE</u></p>	<p>21,7</p>	<p>N</p>	<p>The amount of a POTW transfer that is estimated to be a release to the environment. Some chemicals that are transferred to POTWs are not successfully treated, removed or destroyed. Instead they are, in whole or in part, released to the environment as slug, run-off or other waste.</p> <p>In reporting years (RY) 2013 and prior, chemicals that appear in a POTW transfer and are identified as metals (see TRI_CHEM_INFO.METAL_IND) are calculated as being 100 percent released to the environment.</p> <p>In reporting years 2014 and after, default percentages were established for each chemical (through experimentation and estimation) that indicate how much of a POTW transfer is released and how much is treated. These percentages, available in...</p> <p>TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_81C, TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_81D and TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_87</p> <p>...determine how much of a transfer is considered a release. The percentages that appear in DEFAULT_PECENTAGE_TO_81C ((Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) and DEFAULT_PERCENTAGE_TO_81D (Total other off-site disposal or other releases) are each multiplied by the transfer amount and then summed to calculate the total POTW_RELEASE.</p> <p>Facilities can optionally override these percentages when reporting. In which case, the percentages that a facility reported in...</p> <p>TRI_TRANSFER_QUANTITY.potw_percentage_to_81c and TRI_TRANSFER_QUANTITY.potw_percentage_to_81d</p> <p>...would each be multiplied by the transfer amount and then added together to calculate the POTW_RELEASE. If the flag TRI_TRANSFER_QUANTITY.potw_percentage_provided equals "YES" then the facility did override the default percentages and provided their own. The facility provided values should then be used to calculate the POTW_RELEASE. If TRI_TRANSFER_QUANTITY.potw_percentage_provided equals "NO" then the default values should be used to calculate POTW_RELEASE.</p>
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<u>POTW TREATMENT</u>	21,7	N	<p>The amount of a POTW transfer that is estimated as being treated off-site. In reporting years (RY) 2013 and prior, chemicals that appear in a POTW transfer and are identified as non-metals (see TRI_CHEM_INFO.METAL_IND) are calculated as being 100 percent treated.</p> <p>In reporting years 2014 and after, default percentages were established for each chemical (through experimentation and estimation) that indicate how much of a POTW transfer is released and how much is treated.</p> <p>These percentages, available in..</p> <p>TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_81C, TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_81D and TRI_CHEM_INFO.DEFAULT_PERCENTAGE_TO_87</p> <p>...determine how much of a transfer is considered to be treated. The percentage that appears in DEFAULT_PECENTAGE_TO_87 ((Total off-site treatment) is multiplied by the transfer amount to calculate POTW_TREATMENT.</p> <p>Facilities can optionally override these percentages when reporting. In which case, the percentage that a facility reported in TRI_TRANSFER_QUANTITY.potw_percentage_to_87 would be multiplied by the transfer amount to calculate POTW_TREATMENT.</p> <p>If the flag TRI_TRANSFER_QUANTITY.potw_percentage_provided equals "YES" then the facility did override the default percentages and provided their own. The facility provided values are then be used to calculate the POTW_TREATMETREATMENT. If TRI_TRANSFER_QUANTITY.potw_percentage_provided equals "NO" then the default values are used to calculate POTW_TREATMENT.</p>
<u>POTW METAL</u>	21,7	N	<p>The total amount of a transfer to a POTW if the chemical being transferred is a metal. See the METAL_IND column in TRI_CHEM_INFO table for an indication if the chemical is a metal.</p>
<u>POTW NON METAL</u>	21,7	N	<p>The total amount of a transfer to a POTW if the chemical being transferred is a non-metal. See the METAL_IND column in TRI_CHEM_INFO table for an indication if the chemical is a non-metal.</p>

<p><u>M10</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Storage Only. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M10, Storage Only in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M10) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M10, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M41</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Solidification/Stabilization. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M41, Solidification/Stabilization in Part II, section 6.2 of the TRI Form R. Only chemicals that are considered a Metal or are part of a Metal Compound Category are reported under M41. It is possible for a facility to report off-site transfers using the same M-code (i.e. M41) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M41, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1533 1003 1648"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M62</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Wastewater Treatment (Excluding POTW transfers). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M62, Wastewater Treatment (Excluding POTW transfers) in Part II, section 6.2 of the TRI Form R. Only chemicals that are considered a Metal or are part of a Metal Compound Category are reported under M62. It is possible for a facility to report off-site transfers using the same M-code (i.e. M62) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M62, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 808 1003 924"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M40 METAL</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical (that is either a Metal or part of a Metal Compound Category) transferred off-site during the reporting year for Solidification/Stabilization. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M40, Solidification/Stabilization in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M40) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M40, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 1564 1003 1680"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M61 METAL</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical (that is either a Metal or part of a Metal Compound Category) transferred off-site during the reporting year for Wastewater Treatment (Excluding POTW transfers). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M61, Wastewater Treatment (Excluding POTW transfers) in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M61) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M61, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 808 1003 924"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M71</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Underground Injection. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M71, Underground Injection in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M71) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M71, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 1537 1003 1652"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M81</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Underground Injection to Class I Wells. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M81, Underground Injection to Class I Wells in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M81) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M81, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M82</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Underground Injection to Class II-V Wells. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M82, Underground Injection to Class II-V Wells in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M82) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M82, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1507 1003 1623"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M72</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Landfill or for Surface Impoundment. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M72, Landfill or for Surface Impoundment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M72) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M72, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M63</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Surface Impoundment. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M63, Surface Impoundment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M63) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M63, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="0"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M66</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for RCRA Subtitle C Surface Impoundment. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M66, RCRA Subtitle C Surface Impoundment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M66) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M66, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M67</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Surface Impoundment (non-RCRA Subtitle C Surface Impoundment). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M67, Other Surface Impoundment (non-RCRA Subtitle C Surface Impoundment) in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M67) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M67, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M64</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Landfills (non-RCRA Subtitle C Landfills). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M64, Other Landfills (non-RCRA Subtitle C Landfills) in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M64) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M64, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 779 1003 892"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M65</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for RCRA Subtitle C Landfills. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M65, RCRA Subtitle C Landfills in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M65) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M65, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 1507 1003 1621"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M73</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Land Treatment. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M73, Land Treatment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M73) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M73, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M79</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Land Disposal. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M79, Other Land Disposal in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M79) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M79, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1480 1003 1596"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M90</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Off-site Management. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M90, Other Off-site Management in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M90) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M90, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M94</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Waste Broker for disposal. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M94, Waste Broker for disposal. in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M94) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M94, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1480 1003 1596"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M99</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for releases via unknown methods. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M99, releases via unknown methods in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M99) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M99, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RELEASE.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>TOTAL OFFSITE RELEASE</u> E</p>	<p>23,7</p>	<p>N</p>	<p>The total amount of the toxic chemical that is transferred from a facility site to another site and then released to the environment via water, land or underground injection wells during the reporting year (January 1 - December 31). Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. Release amounts may be reported as specific numbers or as ranges (RELEASE_RANGE_CODE). In the case of range codes, the mid-point of the range is used as the estimated release. The estimates of 5, 250 and 750 pounds are used to represent the ranges of 1 to 10 pounds, 11 to 499 pounds and 500 to 999 pounds respectively. Range codes cannot be used to represent persistent bioaccumulative toxics (PBTs) (linked to http://www2.epa.gov/toxics-release-inventory-tri-program/persistent-bioaccumulative-toxic-pbt-chemicals-covered-tri) chemicals. PBTs are chemicals that remain in the environment for long periods of time, are not readily destroyed, and build up or accumulate in body tissue.</p> <p>Listed below are descriptions of the off-site transfer types that are added together to formulate the Total Off-site Release.</p> <p>POTW Release M10 - Storage Only M41 - Solidification/Stabilization - Metals and Metal Category Compounds only M62 - Wastewater Treatment (Excluding POTW) - Metals and Metal Category Compounds only M40_Metal - Solidification/Stabilization - Metals and Metal Category Compounds only M61_Metal - Wastewater Treatment (Excluding POTW) - Metals and Metal Category Compounds only M63 - Surface Impoundment M64 - Other Landfills M65 - RCRA Subtitle C Landfills M66 - Subtitle C Surface Impoundment M67 - Other Surface Impoundments M71 - Underground Injection M72 - Landfill/Surface Impoundment M73 - Land Treatment M79 - Other Land Disposal M81 - Underground Injection to Class I Wells M82 - Underground Injection to Class II-V Wells M90 - Other Off-Site Management M94 - Transfer to Waste Broker - Disposal M99 - Unknown</p>
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<p><u>M20</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate (in pounds) of a chemical transferred off-site during the reporting year for Solvents/Organics Recovery. This total is the sum of all transfer amounts that were reported under the transfer code M20, Solvents/Organics Recovery in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M20) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M20, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 720 1003 835"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECYCLING.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M24</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Metals Recovery. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M24, Metals Recovery in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M24) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M24, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1451 1003 1566"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECYCLING.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M26</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Reuse or Recovery. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M26, Other Reuse or Recovery in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M26) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M26, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 747 1003 863"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECYCLING.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M28</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Acid Regeneration. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M28, Acid Regeneration in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M28) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M28, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1480 1003 1596"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECYCLING.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M93</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Waste Broker for Recycling. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M93, Waste Broker for Recycling in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M93) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M93, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECYCLING.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>TOTAL RECYCLING TRANSFER</u></p>	<p>23,7</p>	<p>N</p>	<p>The total estimate of a chemical transferred off-site for recycling. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. If any transfer that is part of this total was reported as a range estimate, the mid-point of the range was used as the transfer amount. This total consists of the sum of the following:</p> <ul style="list-style-type: none"> M20 - Solvents/Organics Recovery M24 - Metals Recovery M26 - Other Reuse or Recovery M28 - Acid Regeneration M93 - Transfer to Waste Broker - Recycling 												

<p><u>M56</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Energy Recovery. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M56, Energy Recovery in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M56) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M56, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECOVERY.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M92</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year to a Waste Broker for Energy Recovery. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M92, Waste Broker for Energy Recovery in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M92) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M92, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 1480 1003 1596"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE RECOVERY.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<u>TOTAL RECOVERY TRANSFER</u>	23,7	N	<p>The total estimate of a chemical transferred off-site for Energy Recovery. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. If any transfer that is part of this total was reported as a range estimate, the mid-point of the range was used as the transfer amount. This total consists of the sum of the following:</p> <p>M56 - Energy Recovery M92 - Transfer to Waste Broker - Energy Recovery</p>												
<u>M40 NON METAL</u>	21,7	N	<p>Total estimate of a chemical (that is non-Metal) transferred off-site during the reporting year for Solidification/Stabilization. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M40, Solidification/Stabilization in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M40) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M40, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="688 1012 1003 1129"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M50</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Incineration/Thermal Treatment. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M50, Incineration/Thermal Treatment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M50) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M50, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 745 1003 865"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M54</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Incineration/Insignificant Fuel Value. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M54, Incineration/Insignificant Fuel Value in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M54) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M54, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 1507 1003 1627"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M61 NON METAL</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical (that is non-Metal) transferred off-site during the reporting year for Wastewater Treatment (Excluding POTW). Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M61, Wastewater Treatment (Excluding POTW) in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M61) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M61, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 779 1003 892"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>M69</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year for Other Waste Treatment. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M69, Other Waste Treatment. in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M69) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M69, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 1507 1003 1621"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													

<p><u>M95</u></p>	<p>21,7</p>	<p>N</p>	<p>Total estimate of a chemical transferred off-site during the reporting year to a Waste Broker for Waste Treatment. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M95, Waste Broker for Waste Treatment in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M95) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M95, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table data-bbox="690 745 1003 861"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table> <p>This amount is a component of TOTAL OFFSITE_TREATMENT.</p>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<p><u>TOTAL TREATMENT TRANSFER</u></p>	<p>23,7</p>	<p>N</p>	<p>The total estimate of a chemical transferred off-site for Treatment. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. If any transfer that is part of this total was reported as a range estimate, the mid-point of the range was used as the transfer amount. This total consists of the sum of the following:</p> <ul style="list-style-type: none"> M40 - Solidification/Stabilization (For Non-Metals only) M50 - Incineration/Thermal Treatment M54 - Incineration/Insignificant Fuel Value M61 - Wastewater Treatment (Excluding POTW) (For Non-Metals only) M69 - Other Waste Treatment M95 - Transfer to Waste Broker - Waste Treatment 												

<u>M91</u>	21,7	N	<p>Total estimate of a chemical transferred off-site during the reporting year to a Waste Broker. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. This total is the sum of all transfer amounts that were reported under the transfer code M91, Waste Broker in Part II, section 6.2 of the TRI Form R. It is possible for a facility to report off-site transfers using the same M-code (i.e. M91) several times in section 6.2, either to the same location or to different off-site transfer locations. See http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions for the Reporting Forms and Instructions (RFI) document and copies of the individual TRI forms for each year. The RFI explains all items on the TRI forms and instructions Facilities how to complete the forms.</p> <p>For some chemicals, facilities may use range codes to report off-site transfer amounts if the individual transfer is less than 1000 lbs. For totals like M91, the mid-point of the range will be used to calculate the total. The ranges and mid-points are as follows:</p> <table border="1" data-bbox="690 745 1003 863"> <thead> <tr> <th>Code</th> <th>Range (lbs)</th> <th>Mid-Point</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>1-10</td> <td>5</td> </tr> <tr> <td>B</td> <td>11-499</td> <td>250</td> </tr> <tr> <td>C</td> <td>500-999</td> <td>750</td> </tr> </tbody> </table>	Code	Range (lbs)	Mid-Point	A	1-10	5	B	11-499	250	C	500-999	750
Code	Range (lbs)	Mid-Point													
A	1-10	5													
B	11-499	250													
C	500-999	750													
<u>TOTAL TRANSFER</u>	23,7	N	<p>The total estimate of a chemical transferred off-site. Transfer amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. If any transfer that is part of this total was reported as a range estimate, the mid-point of the range was used as the transfer amount. This total consists of the sum of the following:</p> <ul style="list-style-type: none"> Total Offsite Release Total Offsite Recycling Total Offsite Recovery Total Offsite Treatment M91 - Transfer to Waste Broker 												
<u>TOTAL TQR RELEASE</u>	23,7	N	<p>The total estimate of a chemical released to environment by a facility during the reporting year. Release amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. Total Release is the sum of all onsite releases from Part II, Section 5 of the Form R plus all the offsite releases reported in Part II, Section 6.1 and 6.2 of the Form R.</p> <p>If any release that is part of this total was reported as a range estimate, the mid-point of the range was used as the transfer amount. This total consists of the sum of the following:</p> <ul style="list-style-type: none"> Total Onsite Release Total Offsite Release 												

<u>TOTAL PROD WASTE</u>	23,7	N	<p>Total Production Waste is the sum of all on- and off-site release, recycling, recovery and treatment amounts of a chemical. It represents the total amount of chemical waste that's generated at a facility as a result of normal production or activities. Total Production Waste is comprised of the current year estimates of a chemical are reported in Part II, Sections 8.1 - 8.7 on the TRI Form R. Total Production Waste amounts are reported in grams for Dioxin and Dioxin like compounds and in pounds for all other chemicals. Total Production Waste calculated by adding together the following data elements:</p> <ul style="list-style-type: none"> Current Year Release Quantity Release 81A Current Year Quantity Release 81B Current Year Quantity Release 81C Current Year Quantity Release 81D Current Year Quantity Recycling Onsite Current Year Quantity Recycling Offsite Current Year Quantity Energy Onsite Current Year Quantity Energy Offsite Current Year Quantity Treated Onsite Current Year Quantity Treated Offsite Current Year Quantity
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3.0 Appendices

3.1 Appendix A.

The following is a list of abbreviations and acronyms used in this document:

Acronym	Definition
CAAC	Clean Air Act Concern
CARC	Carcinogen Concern
CAS	Chemical Abstract Service
CERCLA	Comprehensive Emergency Response, Control and Liability Act
CSC	Computer Sciences Corporation
D&B	Dunn and Bradstreet
DCN	Document Control Number
EPA	Environmental Protection Agency
EPARC	EPA Reporting Center
EPCRA	Emergency Planning and Community Right to Know Act
FDP	Facility Data Profile
FIPS	Federal Information Processing Standard
NA	Not Applicable
NON	Notice of Non-compliance
NOSE	Notice of Significant Error
NOTE	Notice of Technical Error
NPDES	National Pollution Discharge Elimination System
O&M	Operations and Maintenance
PBT	Persistent Bioaccumulative Toxins
POTW	Publicly Owned Treatment Works

Acronym	Definition
PPA	Pollution Prevention Act
RCRA	Resource Conservation and Recovery Act
RY2001	Reporting Year 2001
SIC	Standard Industrial Classification
TRI	Toxics Release Inventory
TRIDPC	TRI Data Processing and Operations Center
TRIS	Toxics Release Inventory System
UIC	Underground Injection Code
USPS	United States Postal Service
WATP	Work Area Task Plan