Toxics Release Inventory Basic Plus Data File Format Documentation v13

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1.0 Overview

The Toxics Release Inventory (TRI) Basic Plus Data Files are a set of seven files that collectively contain all the data that were submitted on the TRI Reporting Form R or Certification Statement (Form A) by facilities in a selected state. The data in these files have been extracted from the Envirofacts database system. The seven files and their contents are as follows:

File	Example	Description of Contents	Form R or A Reference
Type 1	CA_1_2013_v13.txt	Facility data, Chemical identification, Chemical uses, On-site Releases and Management, Off-site Transfers, Summary Information	Part I (all), Part II (sections 1, 3, 4, 5, 6.1.A, 6.2ABC, 7B, 7C, 8.2.B,8.4.B,8.6.B
Type 2A	CA_2A_2013_v13.txt	Detailed Source Reduction and Recycling Activities	Part I (sections 1,2,4,5), Part II (sec. 1, 8.1 – 8.10)
Type 2B	CA_2B_2013_v13.txt	Detailed Waste Management	Part I (sections 1,2,4,5) Part II (sections.1, 7.A)
Type 3A	CA_3A_2013_v13.txt	Details of Transfers Off-Site	Part I (sections, 1,4,5) Part II (section 6.2)
Type 3B	CA_3B_2013_v13.txt	Details of Transfers to Publicly Owned Treatment Works (POTW)	Part I (sections 1,4,5) Part II (section 6.1)
Type 4	CA_4_2013_v13.txt	Facility Information Directory	Part I (sections 1,3,4,5)
Type 5	CA_5_2013_v13.txt	Additional Information on Source Reduction, Recycling and Pollution Control	Part I (sections 1,3,4,5) Part II (section 8.11)
Type 6	CA_6_2013_v13.txt	Miscellaneous, Additional, or Optional Information	Part I (sections 1,3,4,5) Part II (section 8.11)

The Basic Plus Data Files are identified (named) by state, file_type, reporting year and version number.

File Name = State + File_Type + Reporting Year + Version number

For example, the file “CA_1_2013_v13.txt" contains the Facility, Chemical identification, Chemical uses, On-site Releases and Management, Off-site Transfers and Summary Information (File Type 1) for all facilities located in California (CA) for reporting year 2013. The version number is “v13”. The “v13” signifies that the file was created with Reporting Year 2013 data.

Similarly, the file “CA_2a_2013_v13.txt” contains Reporting Year 2013 Detailed Source Reduction Activities and Methods data for the state of California. It was created with Reporting Year 2013 data.

In addition to the set of files for each state, there are also 2 more file sets. There is a Federal file set (FED_1_2013_v13.txt, FED_2A_2013_v13.txt, etc.) which contains data for all government owned and operated federal sites. A third set of files, known as the National Data File set, contains all the TRI data (for all States and US Territories) for a specific year. The national data files are named US_1_2013_v13.txt, US_2A_2013_v13.txt, etc.

Many of the data elements described in the Basic Plus Data Files documentation refer to the TRI Form R and Form A Certification Statement. These are the forms that facilities use to submit data to the TRI Program. The TRI Reporting Forms and Instructions document contains the actual forms and the complete instructions for filling them out. The Reporting Forms and Instructions is available at http://www2.epa.gov/toxics-release-inventory-tri-program/tri-reporting-forms-and-instructions. Complete lists of values for many of the data fields in the Basic Plus Data Files can be found in this document.

1.1 Detailed Description: File Type 1

The "Type 1" file contains the bulk of the data found on a Form R and is the most used of the Basic Plus Data Files. It contains information about Facilities, Chemicals, On-site Releases, POTW quantities, Off-site Transfer and Disposal quantities, On-site Energy Recovery Processes, On-site Recycling Processes and Source Reduction and Recycling Activities.

Each record in this file represents data from a single chemical report (Form R or Form A Certification Statement) submitted by a facility. Thus, this file contains records for all chemicals that were reported to TRI from a specific state and reporting year.

Specific Contents: This file contains data from the following parts and sections of the Form R and the Form A Certification Statement.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	2	Trade Secret Data
I	3	Form Certification Data
I	4	Facility Identification Information
I	5	Parent Company Information
II	1	Chemical Identification Data
II	3	Activities and Uses of the Toxic Chemical
II	4	Maximum Quantity of the Chemical On-site at any one time
II	5	On-site Release data – Amounts Released and Water Bodies released into
II	6.1.A	Total Transfer Quantity to Publicly Owned Treatment Works
II	6.2ABC	Off-site Transfer data including quantities, Estimate basis and type of disposal or treatment
II	7B	On-site Energy Recovery Processes
II	7C	On-site Recycling Processes
II	8.2.B, 8.4.B, 8.6.B	Amounts Recovered, Recycled and Treated ON-SITE for the current year

1.2 Detailed Description: File Type 2A

The "Type 2A" file is comprised of three general data sections. First it contains almost all of the Facility Identification data from Part I of the Form R or the Form A Certification Statement. Second it contains the Chemical Identification data from Part II, section 1 of the Form R or Form A Certification Statement. Third, it contains all of the data from Part II, Section 8 of the form R. This is the "Source Reduction and Recycling Activities" data.

Mandated by section 6607 of the Pollution Prevention Act of 1990 (PPA), the "Source Reduction and Recycling Activities" section (Part II, Section 8) of the Form R asks facilities for information about source reduction activities and quantities of EPCRA 313 chemicals managed as waste. Section 8 data gives an overall picture of On-site and Off-site releases and waste management as well as source reduction.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	2.1	Trade Secret Indicator
I	4	Facility Identification Information
I	5	Parent Company Information
II	1	Chemical Identification Data
II	8.1	Total Releases
II	8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills
II	8.1b	Total other on-site disposal or other releases
II	8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills
II	8.1d	Total other off-site disposal or other releases
II	8.2	Quantity used for energy recovery, ON-SITE
II	8.3	Quantity used for energy recovery, OFF-SITE
II	8.4	Quantity recycled, ON-SITE
II	8.5	Quantity recycled, OFF-SITE
II	8.6	Quantity treated, ON-SITE
II	8.7	Quantity treated, OFF-SITE
II	8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes
II	8.9	Production ratio or activity index
II	8.10	Source Reduction Activities and Methods

1.3 Detailed Description: File Type 2B

File Type 2B primarily contains data from Part II, Section 7A of the Form R, "On-site Waste Treatment Methods and Efficiency." In addition, this file contains most of the Facility identification information from Part I of the Form R (and Form A) and the Chemical Identification data from Part II, section 1.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	2.1	Trade Secret Indicator
I	4	Facility Identification Information
I	5	Parent Company Information
I	1	Chemical Identification Data
II	7.A.a	General Waste Stream Identification Code
II	7.A.b	Waste Treatment Methods
II	7.A.c	Range of Influent of Concentration
II	7.A.d	Waste Treatment Efficiency Estimate
II	7.A.e	Based on Operating Data

1.4 Detailed Description: File Type 3A

File Type 3A focuses on off-site transfers. Like the other Basic Plus Data Files, it lists the basic Facility and Chemical identification information from Part I and Part II of the Form R and A. It also lists the off-site location that a chemical has been transferred to and the methods and quantities of treatment or disposal.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	4	Facility Identification Information
I	5	Parent Company Information
I	1	Chemical Identification Data
II	6.2	Off-site Location Name, Address and RCRA number
II	6.2.A	Transfer Totals
II	6.2.B	Basis of Estimate
II	6.2.C	Type of Waste Treatment/Disposal/Recycling/Energy Recovery

1.5 Detailed Description: File Type 3B

File Type 3B contains information about chemical transfers to Publicly Owned Treatment Works (POTWs). Like all the Basic Plus Data Files, this file contains general facility and chemical identification data. In addition, it contains the total quantity of the chemical that was transferred to all POTWs. And, it lists the names and locations of the first two POTWS that the facility sent the chemical to.

The POTW data used for this file is from section 6.1 of the Form R. In section 6.1, the facility is asked to provide the total amount of the chemical transferred to all POTWs and the names and locations of those POTWs. The Form R does not ask the facilities to provide the specific amounts of the chemical that were transferred to each POTW. So, if there's more than one POTW listed, there is no way to differentiate specifically how much of the chemical was transferred to each POTW site.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	4	Facility Identification Information
I	5	Parent Company Information
I	1	Chemical Identification Data
II	6.1.A.1	Total Transfers (to POTWs)
II	6.1.A.2	Basis of Estimate
II	6.1.B	POTW Name and Address

1.6 Detailed Description: File Type 4

File Type 4 contains the basic facility identification information for all facilities, for a specific state, that have ever reported to TRI. The file lists the last reporting year the Facility submitted active and valid data to the TRI program. Everything from Part I of the Form R or the Form A certification statement (except section 2) is listed in this file.

The data in this file is a "reconciliation" of all the data the TRI Program has collected from a facility over the course of its participation in the TRI program. Most facilities have sent in several chemical reports (form Rs and As) each year, for a number of years. When the data are collected at the TRI Data Processing Center, differences from form to form and year to year are identified, researched and reconciled. The result is a database of facility identification information that is consistent and up-to-date.

Some of the data that appear in this file are not a result of facility reconciliation. The "Title of the Certifying Official", "Certifying Official's Name", "Entire Facility Ind", "Partial_Facility_Ind", "Federal Facility Ind", "GOCO Facility Ind" and the SIC codes are all taken from the last active and valid form the facility submitted. All other data are the result of the reconciliation process.

Part	Section	Description
I	1	Reporting Year (of the last form the facility submitted)
I	4	Facility Identification Information
I	5	Parent Company Information

1.7 Detailed Description: File Type 5

File Type 5 contains additional information that facilities elect to submit on their source reduction, recycling or pollution control activities for specific chemicals. The submission of this information is optional. Only facilities that submit information via an electronic means (TRI-ME web, TRI-ME desktop with CDX submission or diskette submission) can provide this information.

The information is provided in a free form text field with a maximum of 4,000 characters. Other information including Facility and Chemical Identification information is also included in the file. Only chemical submissions that have this additional information about sources reduction will be included in the file.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	4	Facility Identification Information
I	5	Parent Company Information
II	1	Chemical Identification Data
II	8.11	Additional Information on Source Reduction, Recycling and Pollution Control

1.8 Detailed Description: File Type 6

File Type 5 contains miscellaneous, additional, or optional information that facilities elect to submit on their source reduction, recycling or pollution control activities for specific chemicals. The submission of this information is optional. Only facilities that submit information via an electronic means (TRI-ME web, TRI-ME desktop with CDX submission or diskette submission) can provide this information.

The information is provided in a free form text field with a maximum of 4,000 characters. Other information including Facility and Chemical Identification information is also included in the file. Only chemical submissions that have this additional information about sources reduction will be included in the file.

Part	Section	Description
I	1	Reporting Year
I	1	Revision Codes
I	4	Facility Identification Information
I	5	Parent Company Information
II	1	Chemical Identification Data
II	9.1	Miscellaneous, Additional, or Optional Information

2.0 Noted Changes to this Year's TRI Basic Plus Data File

2.1 Part II, Section 8.11 – Additional Information on Source Reduction

If RY 2005, TRI facilities had the option to include additional information on source reduction, recycling and pollution control activities for any reports filed electronically. A new file, File 5, has been created for the purpose of displaying this information. Only chemical submissions that contained this optional information will be displayed in this file.

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3.0 Mapping the Form R/A Sections to each File

	Part I					Part II													
	1	2	3	4	5	1	2	3	4	5	6.1.A	6.1.B	6.2	6.2abc	7A	7B	7C	8	Total Fields
File 1	*	*	*	*	*	*		*	*	*	*			*		*	*	P1	233
File 2A	*	P2		*	*	*												*	143
File 2B	*	P2		*	*	*													125
File 3A	*			*	*	*							*	*					200
File 3B	*			*	*	*					*	*							79
File 4	*		*	*	*														49
File 5	*			*	*	*												P3	47

Notes:

P1- Section 8, data elements (8.2.B, 8.4.B, 8.6.B).
These data elements are Current Year Energy Recover, Recycled and Treated on-site quantities.

P2 - Only 2.1 Trade Secret Indicator

P3 - Only Additional Information (Section 8.11) that was submitted via electronic reporting (TRI-ME web, CDX or Diskette submissions)

Part & Section Definitions

Part	Section	Definition
I	1	Reporting Year
I		Revision Codes
I	2	Trade Secret
I	3	Certification
I	4	Facility Identification
I	5	Parent Company Info
II	1	Toxic Chemical Identity
II	2	Mixture Component Identity
II	3	Activities and Uses of the Toxic Chemical at the Facility
II	4	Maximum Amount of Chemical On-site at any time during the Calendar Year
II	5	Quantity of the Toxic Chemical Entering each Environmental Medium Onsite
II	6.1.A	Discharges to Publicly Owned Treatment Works (POTWs) - Total Transfer Quantity
II	6.1.B	Discharges to Publicly Owned Treatment Works (POTWs) - POTW name and location
II	6.2	Transfers to other Off-Site Locations - Name an location of Transfer site
II	6.2abc	Transfers to other Off-Site Locations - Total Transfer Quantities, Est.Basis, Type of Treatment/Disposal
II	7A	On-Site Waste Treatment Methods and Efficiency
II	7B	On-Site Energy Recovery Processes
II	7C	On-Site Recycling Processes
II	8	Source Reduction and Recycling Activities

4.0 Field Descriptions

The following sections contain the record structure for each of the Toxics Release Inventory (TRI) Basic Plus Data Files. The codes and definitions used in the following record descriptions are listed in the *Toxic Chemical Release Inventory Reporting Forms and Instructions* document.

The record descriptions in each of the following sections contain the following columns and information:

Column	**Description**
Number	The sequential number of the data element in the record
Field Name	The TRI System field name of the data element
Data Type	'C' for character data (alphanumeric) 'N' for numeric data 'D' for date
Description	A brief statement of what the data element represents along with its TRI System *Source* (in **Table Name**. Field Name format) and the Form R reference

The data fields in each of the seven files are delimited by Tab (a tab is placed between each data element).

The first record (row) of each file contains column headers or field names.

4.1 Type 1: Facility, Chemical, Releases and Other Waste Management Summary Information

Num.	Field Name	Type	Description
1	FORM TYPE	C	An indicator identifying whether Form R or Certification Statement was submitted. R = Long Form (Form R) A = Short Form (Form A, Certification Statement.) *Source:* **TRI_REPORTING_FORM.** FORM_TYPE_IND *Reference:* Type of Form Used
2	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM.** REPORTING_YEAR *Reference:* Part I, Section 1
3	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FORM.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
4	SANITIZED INDICATOR	C	Indicates whether the reporting facility has sanitized trade secret information. Yes = Checked (form information sanitized) No = Not checked *Source:* **TRI_REPORTING_FORM.** SANITIZED_IND *Reference*: Part I, Section 2.2
5	TITLE OF CERTIFYING OFFICIAL	C	The corporate title of the senior official certifying the accuracy and completeness of information on the submission. *Source:* **TRI_REPORTING_FORM.** CERTIF_OFFICIAL_TITLE *Reference:* Part I, Section 3

Num.	Field Name	Type	Description
6	NAME OF CERTIFYING OFFICIAL	C	The name of the senior official certifying the accuracy and completeness of the information on the submission. *Source:* **TRI_REPORTING_FORM.** CERTIF_NAME *Reference:* Part I, Section 3
7	CERTIFYING OFFICIALS SIGNATURE INDICATOR	C	Indicates whether the certifying signature is provided. Possible values are: Original = original signature Photocopy = photocopy of signature No Signature = no signature Electronic = electronic signature FDP Response = signed facility data profile Fax = signature on fax Stamp = stamped signature NA = not applicable- magnetic media submission *Source:* **TRI_REPORTING_FORM.** CERTIF_SIGNATURE *Reference:* Part I, Section 3
8	DATE SIGNED	D	The date of the certifying signature. The format is YYYY-MM-DD. *Source*: **TRI_REPORTING_FORM.** CERTIF_DATE_SIGNED *Reference:* Part I, Section 3
9	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The content of this field is* ***not*** *changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.** TRI_FACILITY_ID *Reference:* Part I, Section 4.1
10	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
11	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
12	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
13	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
14	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
15	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
16	MAILING NAME	C	The first and second lines of the mailing name for the facility. *Source:* **TRI_FACILITY.**MAIL_NAME
17	MAILING STREET	C	Street address of the reporting facility's mailing address. *Source:* **TRI_FACILITY.** MAIL_STREET_ADDRESS *Reference:* Part I, Section 4.1
18	MAILING CITY	C	City name provided by the reporting facility to which mail is to be sent *Source:* **TRI_FACILITY.**MAIL_CITY *Reference:* Part I, Section 4.1
19	MAILING STATE	C	State of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_STATE_ABBR *Reference:* Part I, Section 4.1
20	MAILING PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_PROVINCE *Reference:* Part I, Section 4.1
21	MAILING ZIP CODE	C	Zip code of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_ZIP_CODE *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
22	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a
23	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility: Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.**PARTIAL_FAC *Reference:* Part I, Section 4.2b
24	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not: Yes = Federal No = non-Federal Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
25	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source:* **TRI_REPORTING_FORM.**GOCO_FLAG *Form R:* Part I Section 4.2d
26	PUBLIC CONTACT NAME	C	Name of the individual whom the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON *Reference:* Part I, Section 4.4
27	PUBLIC CONTACT PHONE	C	Area code and telephone number of the public contact. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PHONE *Reference:* Part I, Section 4.4

Num.	Field Name	Type	Description
28	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* primary_ind = >1' *Reference:* Part I, Section 4.5a
29	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = >2' *Reference:* Part I, Section 4.5b
30	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = >3' *Reference:* Part I, Section 4.5c
31	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = >4' *Reference:* Part I, Section 4.5d
32	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = >5' *Reference:* Part I, Section 4.5e
33	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = >6' *Reference:* Part I, Section 4.5f
34	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
35	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a

Num.	Field Name	Type	Description
36	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
37	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
38	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
39	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
40	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
41	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
42	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
43	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB.**DB_NUM *Reference:* Part I, Section 4.7a
44	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB.**DB_NUM *Reference:* Part I, Section 4.7b
45	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2006, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
46	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2006, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
47	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2006, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
48	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2006, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
49	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2006, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
50	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2006, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
51	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1
52	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
53	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM.**DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)

Num.	Field Name	Type	Description
54	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1
55	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
56	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source:* **TRI_CHEM_INFO.** CLASSIFICATION *Reference:* NONE
57	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source:* **TRI_CHEM_INFO.** UNIT_OF_MEASURE *Reference:* NONE
58	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_1 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
59	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_2 *Reference:* Part II, Section 1.4
60	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_3 *Reference:* Part II, Section 1.4
61	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_4 *Reference:* Part II, Section 1.4
62	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_5 *Reference:* Part II, Section 1.4
63	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_6 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
64	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_7 *Reference:* Part II, Section 1.4
65	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_8 *Reference:* Part II, Section 1.4
66	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_9 *Reference:* Part II, Section 1.4
67	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_10 *Reference:* Part II, Section 1.4
68	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_11 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
69	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_12 *Reference:* Part II, Section 1.4
70	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_13 *Reference:* Part II, Section 1.4
71	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_14 *Reference:* Part II, Section 1.4
72	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_15 *Reference:* Part II, Section 1.4
73	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_16 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
74	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_17 *Reference:* Part II, Section 1.4
75	PRODUCE THE CHEMICAL	C	Indicates whether the chemical is produced at this facility. Yes = produced here No = not produced here *Source:* **TRI_CHEM_ACTIVITY.**PRODUCE *Reference:* Part II, Section 3.1a
76	IMPORT THE CHEMICAL	C	Indicates whether the chemical is imported at this facility. Yes = imported No = not imported *Source:* **TRI_CHEM_ACTIVITY.**IMPORTED *Reference:* Part II, Section 3.1b
77	ON-SITE USE	C	Indicates whether the chemical is produced or imported for on-site use at this facility. Yes = on-site use No = not used on-site *Source:* **TRI_CHEM_ACTIVITY.**USED_ PROCESSED *Reference:* Part II, Section 3.1c
78	SALE OR DISTRIBUTION	C	Indicates whether the chemical is produced or imported at this facility for sale or distribution. Yes = imported for sale No = not imported for sale *Source:* **TRI_CHEM_ACTIVITY.**SALE_ DISTRIBUTION *Reference:* Part II, Section 3.1d
79	AS A BYPRODUCT	C	Indicates whether the chemical is produced or imported at this facility as a byproduct. Yes = byproduct No = not byproduct *Source:* **TRI_CHEM_ACTIVITY.**BYPRODUCT *Reference:* Part II, Section 3.1e

Num.	Field Name	Type	Description
80	AS A MANUFACTURED IMPURITY	C	Indicates whether the chemical is produced or imported at this facility as an impurity. Formerly know as "AS AN IMPURITY" in RY 1999 Yes = impurity No = not impurity *Source:* **TRI_CHEM_ACTIVITY.** MANUFACTURE_IMPURITY *Reference:* Part II, Section 3.1f
81	AS A REACTANT	C	Indicates whether the chemical is at this facility as a reactant. Yes = reactant No = not reactant *Source:* **TRI_CHEM_ACTIVITY.**REACTANT *Reference:* Part II, Section 3.2a
82	AS A FORMULATION COMPONENT	C	Indicates 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. Yes = formulation component No = not formulation component *Source:* **TRI_CHEM_ACTIVITY.**FORMULATION_ COMPONENT *Reference:* Part II, Section 3.2b
83	AS AN ARTICLE COMPONENT	C	Indicates whether the facility uses the reported chemical as an integral component of an article distributed for industrial, trade, or consumer use. Yes = integral component No = not integral component *Source:* **TRI_CHEM_ACTIVITY.**ARTICAL_ COMPONENT *Reference:* Part II, Section 3.2c
84	REPACKAGING	C	Indicates whether the chemical is processed at this facility by repackaging for distribution in commerce in a different form, state, or quantity. Yes = repackaged No = not repackaged *Source:* **TRI_CHEM_ACTIVITY.**REPACKAGING *Reference:* Part II, Section 3.2d

Num.	Field Name	Type	Description
85	AS A PROCESS IMPURITY	C	Indicates whether the facility processed the reported chemical but did not separate it and it remains as an impurity in the primary the mixture or trade name product. Yes = Process Impurity No = Not a Process Impurity *Source:* **TRI_CHEM_ACTIVITY.**PROCESS_IMPURITY *Reference:* Part II, Section 3.2e
86	AS A CHEMICAL PROCESSING AID	C	Indicates 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. Yes = processing aid No = not a processing aid *Source:* **TRI_CHEM_ACTIVITY.**CHEM_PROCESSING_AID *Reference:* Part II, Section 3.3a
87	AS A MANUFACTURING AID	C	Indicates 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. Yes = manufacturing aid No = not a manufacturing aid *Source:* **TRI_CHEM_ACTIVITY.**MANUFACTURE_AID *Reference:* Part II, Section 3.3b
88	ANCILLARY OR OTHER USE	C	Indicates 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. Yes = for ancillary or other use No = not for ancillary or other use *Source:* **TRI_CHEM_ACTIVITY.**ANCILLARY *Reference:* Part II, Section 3.3c

Num.	Field Name	Type	Description
89	MAXIMUM AMOUNT ONSITE	C	This code indicates 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. *Source:* **TRI_REPORTING_FORM** MAX_AMOUNT_OF_CHEM *Reference:* Part II, Section 4.1
90	FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.1.A
91	FUGITIVE AIR EMISSIONS - TOTAL RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.1.A
92	TOTAL FUGITIVE AIR EMISSIONS	N	System generated total fugitive air emission in pounds/year. If the field FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS (#83) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field FUGITIVE AIR EMISSIONS – TOTAL RELEASE RANGE CODE (#84) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
93	FUGITIVE OR NON-POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.1.B
94	STACK AIR EMISSIONS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.2.A
95	STACK AIR EMISSIONS - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.2.A

Num.	Field Name	Type	Description
96	TOTAL STACK AIR EMISSIONS	N	System generated total stack air emission in pounds/year. If the field STACK AIR EMISSIONS – RELEASE POUNDS (# 87) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STACK AIR EMISSIONS – RELEASE RANGE CODE (#88) is used for the total emission value. *Source:***TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
97	STACK OR POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.2.B
98	TOTAL AIR EMISSIONS	N	System generated by adding the contents of the TOTAL FUGITIVE AIR EMISSIONS (# 85) and TOTAL STACK AIR EMISSIONS (# 89). *Source:* System generated *Reference:* None
99	DISCHARGES TO STREAM A - STREAM NAME	C	The name of the first receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.1

Num.	Field Name	Type	Description
100	DISCHARGES TO STREAM A - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.1.A
101	DISCHARGES TO STREAM A - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.1.A
102	TOTAL DISCHARGES TO STREAM A	N	System generated total release to the first reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM A – RELEASE POUNDS (# 93) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM A – RELEASE RANGE CODE (# 94) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
103	DISCHARGES TO STREAM A - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.1.B
104	DISCHARGES TO STREAM A - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3.1.C
105	DISCHARGES TO STREAM B - STREAM NAME	C	The name of the second receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.2
106	DISCHARGES TO STREAM B - RELEASE POUNDS	N	Provides an estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. . *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.2.A

Num.	Field Name	Type	Description
107	DISCHARGES TO STREAM B - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.2.A
108	TOTAL DISCHARGES TO STREAM B	N	System generated total release to the second reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM B – RELEASE POUNDS (# 99) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM B – RELEASE RANGE CODE (# 100) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
109	DISCHARGES TO STREAM B - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.2.B

Num.	Field Name	Type	Description
110	DISCHARGES TO STREAM B - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3.2.C
111	DISCHARGES TO STREAM C - STREAM NAME	C	The name of the third receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.3
112	DISCHARGES TO STREAM C - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.3.A
113	DISCHARGES TO STREAM C - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.3.A
114	TOTAL DISCHARGES TO STREAM C	N	System generated total release to the third reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM C – RELEASE POUNDS (# 105) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM C – RELEASE RANGE CODE (# 106) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
115	DISCHARGES TO STREAM C - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.3.B
116	DISCHARGES TO STREAM C - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3.3.C
117	DISCHARGES TO STREAM D - STREAM NAME	C	Name of the fourth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)
118	DISCHARGES TO STREAM D - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
119	DISCHARGES TO STREAM D - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
120	TOTAL DISCHARGES TO STREAM D	N	System generated total release to the forth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM D – RELEASE POUNDS (# 111) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 112) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
121	DISCHARGES TO STREAM D - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
122	DISCHARGES TO STREAM D - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
123	DISCHARGES TO STREAM E - STREAM NAME	C	The name of the fifth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)
124	DISCHARGES TO STREAM E - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)
125	DISCHARGES TO STREAM E - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
126	TOTAL DISCHARGES TO STREAM E	N	System generated total release to the fifth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM D – RELEASE POUNDS (# 117) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 118) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
127	DISCHARGES TO STREAM E - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)
128	DISCHARGES TO STREAM E - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
129	DISCHARGES TO STREAM F - STREAM NAME	C	The name of the sixth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)
130	DISCHARGES TO STREAM F - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
131	DISCHARGES TO STREAM F - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
132	TOTAL DISCHARGES TO STREAM F	N	System generated total release to the sixth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM F – RELEASE POUNDS (# 123) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 124) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
133	DISCHARGES TO STREAM F - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
134	DISCHARGES TO STREAM F - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
135	TOTAL NUMBER OF RECEIVING STREAMS	N	The total number of streams reported by the facility as receiving toxic chemical releases. *Source:* System generated *Reference:* None
136	TOTAL SURFACE WATER DISCHARGE	N	Total of all individual total stream release fields. Sum of columns (95+101+107+113+119+125). *Source:* System generated *Reference:* None
137	UGRND INJ ONSITE TO CL I WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class I wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.1A
138	UGRND INJ ONSITE TO CL I WELLS - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.4.1A

Num.	Field Name	Type	Description
139	TOTAL UGRND INJ ONSITE TO CL I WELLS - POUNDS	N	System generated total Class I well injection in pounds/year. If the field UGRND INJ ONSITE TO CL I WELLS – RELEASE POUNDS (#130) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UGRND INJ ONSITE TO CL I WELLS – RELEASE RANGE CODE (#131) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
140	UGRND INJ ONSITE TO CL I WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.1B
141	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class II wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.2.A

Num.	Field Name	Type	Description
142	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.4.2A
143	TOTAL UGRND INJ ONSITE TO CL II-V WELLS - POUNDS	N	System generated total Class II-V well injection in pounds/year. If the field UGRND INJ ONSITE TO CL II-V WELLS – RELEASE POUNDS (#134) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UGRND INJ ONSITE TO CL II-V WELLS – RELEASE RANGE CODE (#135) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
144	UNGRND INJ ONSITE TO CL II-V WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.2B

Num.	Field Name	Type	Description
145	TOTAL UNDERGROUND INJECTION	N	Total, in pounds, of both Class I and II well injections for the facility (132 + 136). *Source:* System generated *Reference:* None
146	RCRA SUBTITLE C LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.AA
147	RCRA SUBTITLE C LANDFILLS - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.1.AA
148	TOTAL RCRA SUBTITLE C LANDFILLS	N	System generated total RCRA Subtitle C landfill release in pounds/year. If the field RCRA SUBTITLE C LANDFILLS – RELEASE POUNDS (# 139) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA SUBTITLE C LANDFILLS – RELEASE RANGE CODE (#140) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
149	RCRA SUBTITLE C LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.AB
150	OTHER LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to non-RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.BA
151	OTHER LANDFILLS - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.1.BA

Num.	Field Name	Type	Description
152	TOTAL OTHER ON-SITE LAND RELEASES	N	System generated total non-RCRA Subtitle C landfill release in pounds/year. If the field OTHER LANDFILLS – RELEASE POUNDS (# 143) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER LANDFILLS – RELEASE RANGE CODE (#144) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
153	OTHER LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.BB
154	LAND TRTMT/APPL FARMING - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in land treatment/application farming by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.2.AA

Num.	Field Name	Type	Description
155	LAND TRTMT/APPL FARMING - RELEASE RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.2.AA
156	TOTAL LAND TREATMENT	N	System generated total land treatment/application farming release in pounds/year. If the field LAND TRTMT/APPL FARMING – RELEASE POUNDS (# 147) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field LAND TRTMT/APPL FARMING – RELEASE RANGE CODE (#148) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
157	LAND TRTMT/APPL FARMING - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.2.BB

Num.	Field Name	Type	Description
158	SURFACE IMPOUNDMENT - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in surface impoundments by the reporting facility. Range codes may be used for releases of less than 1000 pounds. If the facility reported release quantities or range codes in 5.5.3a "RCRA C Subtitle C surface impound releases" and/or 5.5.3b "Other surface impoundments", this field will be 0. See section 2.1 entitled "Part II, Section 5.5.3, On-site Surface Impoundments, divided into two subsections" above for more information. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.3. col. A
159	SURFACE IMPOUNDMENT - RANGE CODE	C	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. If none, the submitter enters zero. If the facility reported release quantities or range codes in 5.5.3a "RCRA C Subtitle C surface impound releases" and/or 5.5.3b "Other surface impoundments", this field will be 0. See section 2.1 entitled "Part II, Section 5.5.3, On-site Surface Impoundments, divided into two subsections" above for more information. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.3. col. A

Num.	Field Name	Type	Description
160	TOTAL SURFACE IMPOUNDMENTS	N	System generated total for on-site surface impoundment releases in pounds/year. If the field SURFACE IMPOUNDMENT – RELEASE POUNDS (#151) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field SURFACE IMPOUNDMENT – RANGE CODE (#152) is used for the total emission value. . If the facility reported release quantities or range codes in 5.5.3a "RCRA C Subtitle C surface impound releases" and/or 5.5.3b "Other surface impoundments", this field will contain the sum of those two amounts. See section 2.1 entitled "Part II, Section 5.5.3, On-site Surface Impoundments, divided into two subsections" above for more information. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
161	SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data If the facility reported release quantities or range codes in 5.5.3a "RCRA C Subtitle C surface impound releases" and/or 5.5.3b "Other surface impoundments", this field will be blank. See section 2.1 entitled "Part II, Section 5.5.3, On-site Surface Impoundments, divided into two subsections" above for more information. *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3. col. B

Num.	Field Name	Type	Description
162	OTHER DISPOSAL - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released by other disposal means by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.4.AA
163	OTHER DISPOSAL - RANGE CODE	C	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. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.4.AA
164	TOTAL OTHER DISPOSAL	N	System generated total other disposal release in pounds/year. If the field OTHER DISPOSAL - RELEASE POUNDS (# 155) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER DISPOSAL – RANGE CODE (#156) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
165	OTHER DISPOSAL -BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.4.BB

Num.	Field Name	Type	Description
166	TOTAL ON-SITE LAND RELEASES	N	Total, in pounds, of toxic chemical entering onsite environmental medium (141+145+149+153+157). *Source:* System generated *Reference:* None
167	POTWS - TOTAL TRANSFERS - METALS ONLY	N	Total amount of reported metals, in pounds, transferred offsite to publicly owned treatment works. **TRI_TRANSFER_QTY.**OFF_SITE_TOTAL+ **TRI_TRANSFER_QTY.**TRANSFER_ RANGE_CODE *Reference:* Part II, Section 6.1.A.1
168	POTWS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.1.A.2
169	STORAGE ONLY	N	Total amount, in pounds, reported as storage only@ M Code (**M10**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
170	SOLIDIFICATION/STABILIZATION (METALS AND METAL COMPOUNDS)	N	Total amount, in pounds, of metals and metal compounds reported as A solidification/stabilization@ M Code (**M41**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
171	WASTEWATER TREATMENT (EXCLUDING POTWS)	N	Total amount, in pounds, reported as A wastewater treatment@ M Code (**M62**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
172	TRANSFERS TO POTWS (METALS AND METAL COMPOUNDS)	N	Total amount of reported metals and metal compounds, in pounds, transferred offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.1.A.1
173	UNDERGROUND INJECTION	N	Total amount, in pounds, reported as A underground injection@ M Code (**M71**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
174	LANDFILLS/DISPOSAL SURFACE IMPOUNDMENTS	N	Total amount, in pounds, reported as A landfills/disposal surface impoundments@ M Code (**M72**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
175	SURFACE IMPOUNDMENT	N	Total amount, in pounds, reported as “Surface Impoundment” M Code (**M63**) *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
176	OTHER LANDFILLS	N	Total amount, in pounds, reported as “Other Landfills” M Code (**M64**) *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
177	RCRA SUBTITLE C LANDFILLS	N	Total amount, in pounds, reported as “RCRA Subtitle C Landfills@ M Code (**M65**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
178	LAND TREATMENT	N	Total amount, in pounds, reported as Aland treatment@ M Code (**M73**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
179	OTHER LAND DISPOSAL	N	Total amount, in pounds, reported as A other land disposal@ M Code (**M79**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
180	OTHER OFF-SITE MANAGEMENT	N	Total amount, in pounds, reported as A other off-site management@ M Code (**M90**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
181	TRANSFERS TO WASTE BROKER FOR DISPOSAL	N	Total amount, in pounds, reported as A transfer to waster broker for disposal@ M code (**M94**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
182	UNKNOWN	N	Total amount, in pounds, reported as A unknown@ M code (**M99**). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
183	TOTAL TRANSFERRED OFF-SITE TO DISPOSAL	N	Total amount of toxic chemical in wastes reported as being transferred to off-site locations for release or disposal. This total is in grams for dioxins and pounds for all other chemicals. Sum of columns: (162+163+164+166+167+168+169+170+171+172 +173+174+175+191+194+218+219+220+221) NOET: 191 and 194 only included if chemical is a metal. *Source:* System Generated **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2
184	TRANSFERS TO RECYCLING (M20 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of **M20**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
185	TRANSFERS TO RECYCLING (M24 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of **M24**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
186	TRANSFERS TO RECYCLING (M26 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of **M26**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
187	TRANSFERS TO RECYCLING (M28 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of **M28**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
188	TRANSFERS TO RECYCLING (M93 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of **M93**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
189	TRANSFERS TO ENERGY RECOVERY (M56 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of **M56**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
190	TRANSFERS TO ENERGY RECOVERY (M92 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of **M92**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
191	TRANSFERS TO TREATMENT (M40 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M40**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
192	TRANSFERS TO TREATMENT (M50 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M50**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
193	TRANSFERS TO TREATMENT (M54 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M54**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
194	TRANSFERS TO TREATMENT (M61 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M61**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
195	TRANSFERS TO TREATMENT (M69 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M69**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
196	TRANSFERS TO TREATMENT (M95 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of **M95**. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
197	TRANSFERS TO POTWS (NON-METALS)	N	Total amount of reported non-metals, in pounds, transferred offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
198	TOTAL TRANSFERRED OFF-SITE FOR FURTHER WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site for further waste management. Sum of columns (177+178+179+180+181+182+183+184+185+186 +187+188+189+190). *Source:* System generated *Reference:* None
199	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** ENERGY_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.2.B

Num.	Field Name	Type	Description
200	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** RECYC_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.4.B
201	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** TREATED_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.6.B
202	OTHER ON-SITE WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical reported as being reduced and recycled on-site. Sum of columns (192+193+194) *Source:* System generated. *Reference:* None
203	ON-SITE ENERGY RECOVERY METHOD 1	C	The first code identifying an 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. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.1
204	ON-SITE ENERGY RECOVERY METHOD 2	C	The second code identifying an 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. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.2
205	ON-SITE ENERGY RECOVERY METHOD 3	C	The third code identifying an 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. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.3

Num.	Field Name	Type	Description
206	ON-SITE ENERGY RECOVERY METHOD 4	C	The fourth code identifying an 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. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.4
207	ON-SITE RECYCLING PROCESSES - METHOD 1	C	The first code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.1
208	ON-SITE RECYCLING PROCESSES - METHOD 2	C	The second code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.2
209	ON-SITE RECYCLING PROCESSES - METHOD 3	C	The third code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.3
210	ON-SITE RECYCLING PROCESSES - METHOD 4	C	The fourth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.4
211	ON-SITE RECYCLING PROCESSES - METHOD 5	C	The fifth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.5
212	ON-SITE RECYCLING PROCESSES - METHOD 6	C	The sixth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.6

Num.	Field Name	Type	Description
213	ON-SITE RECYCLING PROCESSES - METHOD 7	C	The seventh code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.7
214	ON-SITE RECYCLING PROCESSES - METHOD 8	C	The eighth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.8
215	ON-SITE RECYCLING PROCESSES - METHOD 9	C	The ninth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.9
216	ON-SITE RECYCLING PROCESSES - METHOD 10	C	The tenth code identifying recycling processes used on-site. New codes in RY 2006. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.10
217	RCRA C SURFACE IMPOUNDMENT - RELEASE POUNDS	N	An estimate of the total amount of the toxic chemical (pounds/year) released into RCRA Subtitle C surface impoundments by the reporting facility. Range codes may be used for releases of less than 1000 pounds. This field added in RY 2003 *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE (Value = 'SI_5.5.3A') *Reference:* Part II, Section 5.5.3a col. A
218	RCRA C SURFACE IMPOUNDMENT - RANGE CODE	C	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. If none, the submitter enters zero. This field added in RY 2003. Facilities can not use range codes for PBT and Dioxin submissions. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.3a col. A

Num.	Field Name	Type	Description
219	TOTAL RCRA C SURFACE IMPOUNDMENTS	N	System generated total for RCRA Subtitle C surface impoundment releases (pounds/year). If the field RCRA C SURFACE IMPOUNDMENT – RELEASE POUNDS (#210) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA C SURFACE IMPOUNDMENT – RANGE CODE (#211) is used for the total emission value. This field added in RY 2003. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
220	RCRA C SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3a col. B
221	OTHER SURFACE IMPOUNDMENT - RELEASE POUNDS	N	An estimate of the total amount of the toxic chemical (pounds/year) released into Other surface impoundments by the reporting facility. Range codes may be used for releases of less than 1000 pounds. This field added in RY 2003 *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE (Value = 'SI_5.5.3B') *Reference:* Part II, Section 5.5.3b col. A

Num.	Field Name	Type	Description
222	OTHER SURFACE IMPOUNDMENT - RANGE CODE	C	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. If none, the submitter enters zero. This field added in RY 2003. Facilities can not use range codes for PBT and Dioxin submissions. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.3b col. A
223	TOTAL OTHER SURFACE IMPOUNDMENTS	N	System generated total for Other surface impoundment releases (pounds/year). If the field RCRA C SURFACE IMPOUNDMENT – RELEASE POUNDS (#214) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA C SURFACE IMPOUNDMENT – RANGE CODE (#215) is used for the total emission value. This field added in RY 2003. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
224	OTHER SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3b col. B

Num.	Field Name	Type	Description
225	RCRA SUBTITLE C SURFACE IMPOUNDMENTS	N	Total amount reported as "RCRA Subtitle C Surface Impoundment" M Code (**M66**). Amounts are in grams for Dioxins and pounds for all other chemicals. This field added in RY 2003. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
226	OTHER SURFACE IMPOUNDMENTS	N	Total amount reported as "Other Surface Impoundments" M Code (**M67**). Amounts are in grams for Dioxins and pounds for all other chemicals. This field added in RY 2003. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
227	UNDERGROUND INJECTION TO CLASS I WELLS	N	Total amount reported as underground injection to class I wells, M Code (**M81**). Amounts are in grams for Dioxins and pounds for all other chemicals. This field added in RY 2003. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
228	UNDERGROUND INJECTION TO CLASS II-V WELLS	N	Total amount, in pounds, reported as underground injection to class II-V wells, M Code (**M82**). Amounts are in grams for Dioxins and pounds for all other chemicals. This field added in RY 2003. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
229	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL

Num.	Field Name	Type	Description
230	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_ CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4
231	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
232	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
233	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.2 Type 2A: Detailed Source Reduction Activities and Methods

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**. REPORTING YEAR *Reference:* Part I, Section 1
2	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRI System database. *Source*: **TRI_REPORTING_FORM**.TRADE_SECRET_IND *Reference*: Part I, Section 2.1
3	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. NOTE: The contents of this field is <u>not</u> changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location. *Source*: **TRI_FACILITY**.TRI_FACILITY_ID *Reference*: Part I, Section 4.1
4	FACILITY NAME	C	Name of the reporting facility. *Source*: **TRI_FACILITY**.FACILITY_NAME *Reference*: Part I, Section 4.1
5	FACILITY STREET	C	Street address of the reporting facility. *Source*: **TRI_FACILITY**.STREET_ADDRESS *Reference*: Part I, Section 4.1
6	FACILITY CITY	C	City in which the reporting facility is located. *Source*: **TRI_FACILITY**.CITY_NAME *Reference*: Part I, Section 4.1

Num.	Field Name	Type	Description
7	FACILITY COUNTY	C	County in which the reporting facility is located. *Source*: **TRI_FACILITY**.COUNTY_NAME *Reference*: Part I, Section 4.1
8	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source*: **TRI_FACILITY**.STATE_ABBR *Reference*: Part I, Section 4.1
9	FACILITY ZIP CODE	C	Zip code of the reporting facility. *Source*: **TRI_FACILITY**. ZIP_CODE *Reference*: Part I, Section 4.1
10	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source*: **TRI_REPORTING_FORM**. ENTIRE_FAC *Reference*: Part I, Section 4.2a
11	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source*: **TRI_REPORTING_FORM**. PARTIAL_FAC *Reference*: Part I, Section 4.2b
12	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source*: **TRI_REPORTING_FORM**.FEDERAL_FAC_IND Form R: Part I Section 4.2c

Num.	Field Name	Type	Description
13	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG Form R: Part I Section 4.2d
14	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5a
15	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5b
16	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5c
17	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5d
18	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5e
19	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5f
20	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned

Num.	Field Name	Type	Description
21	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
22	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
23	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
24	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
25	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
26	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
27	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
28	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
29	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7a
30	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7b
31	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
32	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
33	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
34	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
35	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
36	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
37	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_NAME NAME *Reference*: Part I, Section 5.1
38	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_DB_NUM *Reference*: Part I, Section 5.2
39	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source*: **TRI_REPORTING_FORM**.DOC_CTRL_NUM *Format:* FORMR. (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference*: NA (System generated)

Num.	Field Name	Type	Description
40	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). NOTE: CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name. *Source*: **TRI_REPORTING_FOMR**.TRI_CHEM_ID *Reference*: Part II, Section 1.1
41	CHEMICAL NAME	C	Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source*: **TRI_REPORTING_FORM**.CAS_CHEM_ NAME *Reference*: Part II, Section 1.2 or Part II, Section 1.3
42	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
43	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE

Num.	Field Name	Type	Description
44	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
45	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4
46	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
47	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
48	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
49	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4
50	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
51	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
52	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
53	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4
54	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
55	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
56	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4
57	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4
58	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
59	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
60	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
61	QUANTITY RELEASED PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during previous year. Starting in RY 2003, the sum of all previous year section 8.1 releases (8.1a.A + 8.1b.A + 8.1c.A + 8.1d.A) was inserted in this field. This is the sum of fields 116+120+124+128 *Source*: **TRI_SOURCE_REDUCT_QTY**. REL_PREV_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B
62	QUANTITY RELEASED CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during reporting year. Starting in RY 2003, the sum of all current year section 8.1 releases (8.1a.B + 8.1b.B + 8.1c.B + 8.1d.B) was inserted in this field. This is the sum of fields 117+121+125+129 *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_CURR_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B
63	QUANTITY RELEASED FOLLOWING YEAR	N	Amount reported in pounds of total quantity of the toxic chemical projected to be released (including offsite disposal) in the first year following the reporting year. Starting in RY 2003, the sum of all following year section 8.1 releases (8.1a.C + 8.1b.C + 8.1c.C + 8.1d.C) was inserted in this field. This is the sum of fields 118+122+126+130 *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_FOLL_YR_QTY *Reference*: Part II, Section 8.1C

Num.	Field Name	Type	Description
64	QUANTITY RELEASED SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be released (including offsite disposal) in second year following reporting year. Starting in RY 2003, the sum of all second following year section 8.1 releases (8.1a.D + 8.1b.D + 8.1c.D + 8.1d.D) was inserted in this field. This is the sum of fields 119+123+127+131 *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_SECD_YR_QTY *Reference*: Part II, Section 8.1D
65	ENERGY RECOVERY ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.2A
66	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.2B
67	ENERGY RECOVERY ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.2C
68	ENERGY RECOVERY ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_SECD_YR_QTY Form R: Part II, Section 8.2D
69	ENERGY RECOVERY OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.3A

Num.	Field Name	Type	Description
70	ENERGY RECOVERY OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.3B
71	ENERGY RECOVERY OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_FOLL_YR_QTY Form R: Part II, Section 8.3C
72	ENERGY RECOVERY OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_SECD_YR_QTY Form R: Part II, Section 8.3D
73	QUANTITY RECYCLED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.4A
74	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.4B
75	QUANTITY RECYCLED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_FOLL_YR_QTY re*source*: Part II, Section 8.4C

Num.	Field Name	Type	Description
76	QUANTITY RECYCLED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_SECD_YR_QTY *Reference*: Part II, Section 8.4D
77	QUANTITY RECYCLED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.5A
78	QUANTITY RECYCLED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.5B
79	QUANTITY RECYCLED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for recycling in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_FOLL_YR_QTY Form R: Part II, Section 8.5C
80	QUANTITY RECYCLED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.5D
81	QUANTITY TREATED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.6A

Num.	Field Name	Type	Description
82	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.6B
83	QUANTITY TREATED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in the first year following the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.6C
84	QUANTITY TREATED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_SECD_YR_QTY *Reference*: Part II, Section 8.6D
85	QUANTITY TREATED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of the toxic chemical treated offsite during the previous reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.7A
86	QUANTITY TREATED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.7B
87	QUANTITY TREATED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) in the first year following the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.7C

Num.	Field Name	Type	Description
88	QUANTITY TREATED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for treatment (including transfers to POTWs) in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.7D
89	CATASTROPHIC RELEASES OR OTHER ONE-TIME EVENTS	N	Amount reported in pounds of total quantity of toxic chemical released to the environment or transferred offsite due to events not associated with routine production processes. Reported as pounds. *Source*: **TRI_REPORTING_FORM**.ONE_ TIME_RELEASE_QTY *Reference*: Part II, Section 8.8
90	PROD RATIO/ACTIVITY INDEX	N	Ratio of production or activity in the reporting year divided by production or activity in the previous year. Field length is in the format of +nnnn.nn. *Source*: **TRI_REPORTING_FORM**.PRODUCTION_ RATIO *Reference*: Part II, Section 8.9
91	FIRST *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.1
92	FIRST *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Référence*: Part II, Section 8.10.1

Num.	Field Name	Type	Description
93	FIRST *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.1a
94	FIRST *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.1a
95	FIRST *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.1b
96	FIRST *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.1b
97	FIRST *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.1c
98	FIRST *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.1c

Num.	Field Name	Type	Description
99	SECOND *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.2
100	SECOND *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Référence*: Part II, Section 8.10.2
101	SECOND *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.2.a
102	SECOND *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.2.a
103	SECOND *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.2b
104	SECOND *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.2b

Num.	Field Name	Type	Description
105	SECOND *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.2.c
106	SECOND *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.2.c
107	THIRD *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.3
108	THIRD *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Référence*: Part II, Section 8.10.3
109	THIRD *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.3a
110	THIRD *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.3a

Num.	Field Name	Type	Description
111	THIRD *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.3b
112	THIRD *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.3b
113	THIRD *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.3c
114	THIRD *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.3c
115	FOURTH *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.4
116	FOURTH *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Référence*: Part II, Section 8.10.4

Num.	Field Name	Type	Description
117	FOURTH *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.4a
118	FOURTH *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.4a
119	FOURTH *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference* Part II, Section 8.10.4b
120	FOURTH *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence* Part II, Section 8.10.4b
121	FOURTH *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.4c
122	FOURTH *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Référence*: Part II, Section 8.10.4c

Num.	Field Name	Type	Description
123	ON-SITE LIMITED RELEASES PRIOR YEAR	N	Amount of total on-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the previous year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81a_PREV_YR_QTY *Reference*: Part II, Section 8.1a Col A.
124	ON-SITE LIMITED RELEASES CURRENT YEAR	N	Amount of total on-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the current year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81a_CURR_YR_QTY *Reference*: Part II, Section 8.1a Col B.
125	ON-SITE LIMITED RELEASES FOLLOWING YEAR	N	Amount of total on-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81a_FOLL_YR_QTY *Reference*: Part II, Section 8.1a Col C.
126	ON-SITE LIMITED RELEASES SECOND FOLLOWING YEAR	N	Amount of total on-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the second following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81a_SECD_YR_QTY *Reference*: Part II, Section 8.1a Col D.
127	ON-SITE OTHER RELEASES PRIOR YEAR	N	Amount of total on-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the previous year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81b_PREV_YR_QTY *Reference*: Part II, Section 8.1b Col A.

Num.	Field Name	Type	Description
128	ON-SITE OTHER RELEASES CURRENT YEAR	N	Amount of total on-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the current year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81b_CURR_YR_QTY *Reference*: Part II, Section 8.1b Col B.
129	ON-SITE OTHER RELEASES FOLLOWING YEAR	N	Amount of total on-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81b_FOLL_YR_QTY *Reference*: Part II, Section 8.1b Col C.
130	ON-SITE OTHER RELEASES SECOND FOLLOWING YEAR	N	Amount of total on-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the second following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81b_SECD_YR_QTY *Reference*: Part II, Section 8.1b Col D.
131	OFF-SITE LIMITED RELEASES PRIOR YEAR	N	Amount of total off-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the previous year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81c_PREV_YR_QTY *Reference*: Part II, Section 8.1c Col A.
132	OFF-SITE LIMITED RELEASES CURRENT YEAR	N	Amount of total off-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the current year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81c_CURR_YR_QTY *Reference*: Part II, Section 8.1c Col B.

Num.	Field Name	Type	Description
133	OFF-SITE LIMITED RELEASES FOLLOWING YEAR	N	Amount of total off-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81c_FOLL_YR_QTY *Reference*: Part II, Section 8.1c Col C.
134	OFF-SITE LIMITED RELEASES SECOND FOLLOWING YEAR	N	Amount of total off-site releases to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills in the second following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81c_SECD_YR_QTY *Reference*: Part II, Section 8.1c Col D.
135	OFF-SITE OTHER RELEASES PRIOR YEAR	N	Amount of total off-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the previous year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81d_PREV_YR_QTY *Reference*: Part II, Section 8.1d Col A.
136	OFF-SITE OTHER RELEASES CURRENT YEAR	N	Amount of total off-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the current year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81d_CURR_YR_QTY *Reference*: Part II, Section 8.1d Col B.
137	OFF-SITE OTHER RELEASES FOLLOWING YEAR	N	Amount of total off-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81d_FOLL_YR_QTY *Reference*: Part II, Section 8.1d Col C.

Num.	Field Name	Type	Description
138	OFF-SITE OTHER RELEASES SECOND FOLLOWING YEAR	N	Amount of total off-site releases to other (non Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills) mediums in the second following year. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_81d_SECD_YR_QTY *Reference*: Part II, Section 8.1d Col D.
139	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
140	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_ CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4
141	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
142	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
143	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.3 Type 2B: Detailed Waste Management

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**. REPORTING YEAR *Reference:* Part I, Section 1
2	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRI System database. *Source*: **TRI_REPORTING_FORM**.TRADE_SECRET_IND *Reference*: Part I, Section 2.1
3	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. NOTE: The contents of this field is <u>not</u> changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location. *Source*: **TRI_FACILITY**.TRI_FACILITY_ID *Reference*: Part I, Section 4.1
4	FACILITY NAME	C	Name of the reporting facility. *Source*: **TRI_FACILITY**.FACILITY_NAME *Reference*: Part I, Section 4.1
5	FACILITY STREET	C	Street address of the reporting facility. *Source*: **TRI_FACILITY**.STREET_ADDRESS *Reference*: Part I, Section 4.1
6	FACILITY CITY	C	City in which the reporting facility is located. *Source*: **TRI_FACILITY**.CITY_NAME *Reference*: Part I, Section 4.1

7	FACILITY COUNTY	C	County in which the reporting facility is located. *Source*: **TRI_FACILITY**.COUNTY_NAME *Reference*: Part I, Section 4.1
8	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source*: **TRI_FACILITY**.STATE_ABBR *Reference*: Part I, Section 4.1
9	FACILITY ZIP CODE	C	Zip code of the reporting facility. *Source*: **TRI_FACILITY**. ZIP_CODE *Reference*: Part I, Section 4.1
10	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source*: **TRI_REPORTING_FORM**. ENTIRE_FAC *Reference*: Part I, Section 4.2a
11	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source*: **TRI_REPORTING_FORM**. PARTIAL_FAC *Reference*: Part I, Section 4.2b
12	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source*: **TRI_REPORTING_FORM**.FEDERAL_FAC_ IND Form R: Part I Section 4.2c
13	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_ FLAG Form R: Part I Section 4.2d
14	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5a

15	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5b
16	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5c
17	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5d
18	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5e
19	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5f
20	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
21	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
22	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b

23	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
24	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
25	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
26	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
27	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
28	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**

29	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7a
30	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7b
31	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
32	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
33	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
34	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
35	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
36	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

37	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_NAME NAME *Reference*: Part I, Section 5.1
38	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_DB_NUM *Reference*: Part I, Section 5.2
39	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source*: **TRI_REPORTING_FORM**.DOC_CTRL_NUM *Format:* FORMR. (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference*: NA (System generated)
40	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). NOTE: CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name. *Source*: **TRI_REPORTING_FOMR**.TRI_CHEM_ID *Reference*: Part II, Section 1.1
41	CHEMICAL NAME	C	Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source*: **TRI_REPORTING_FORM**.CAS_CHEM_ NAME *Reference*: Part II, Section 1.2 or Part II, Section 1.3

42	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
43	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
44	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
45	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4
46	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4

47	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
48	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
49	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source***: TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4
50	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
51	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4

52	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
53	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4
54	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
55	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
56	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4

57	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4
58	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
59	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
60	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4

61	STREAM 1 - WASTE STREAM CODE	C	This field provides the 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 *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.1a
62	STREAM 1 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
63	STREAM 1 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
64	STREAM 1 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b

65	STREAM 1 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
66	STREAM 1 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
67	STREAM 1 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
68	STREAM 1 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b

69	STREAM 1 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
70	STREAM 1 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. This data no longer collected in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.1c
71	STREAM 1 - TRTMT EFFICIENCY EST	N	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 waste stream being treated. Estimate reported as a range code in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.1.d
72	STREAM 1 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". This data no longer collected as of RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.1.e
73	STREAM 2 - WASTE STREAM CODE	C	The 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 *Source*: : **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.2a

74	STREAM 2 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
75	STREAM 2 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
76	STREAM 2 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: V_TREATMENT.TREATMENT_ CODE *Reference*: Part II, Section 7A.2b
77	STREAM 2 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b

78	STREAM 2 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
79	STREAM 2 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
80	STREAM 2 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
81	STREAM 2 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b

82	STREAM 2 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. This data no longer collected in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.2c
83	STREAM 2 - TRTMT EFFICIENCY EST	N	The 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 waste stream being treated. Estimate reported as a range code in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.2.d
84	STREAM 2 - BASED ON OPERATING DATA?	C	This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". This data no longer collected as of RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.2.e
85	STREAM 3 - WASTE STREAM CODE	C	Provides the 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 *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.3a
86	STREAM 3 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b

87	STREAM 3 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
88	STREAM 3 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
89	STREAM 3 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
90	STREAM 3 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b

91	STREAM 3 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
92	STREAM 3 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
93	STREAM 3 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
94	STREAM 3 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. This data no longer collected in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.3c

95	STREAM 3 - TRTMT EFFICIENCY EST	N	Provides the 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 waste stream being treated. Estimate reported as a range code in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.3.d
96	STREAM 3 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". This data no longer collected as of RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.3.e
97	STREAM 4 - WASTE STREAM CODE	C	Provides the 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 *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.4a
98	STREAM 4 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

99	STREAM 4 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
100	STREAM 4 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
101	STREAM 4 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
102	STREAM 4 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

103	STREAM 4 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
104	STREAM 4 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
105	STREAM 4 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
106	STREAM 4 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. This data no longer collected in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.4.c

107	STREAM 4 - TRTMT EFFICIENCY EST	N	Provides the 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 waste stream being treated. Estimate reported as a range code in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.4.d
108	STREAM 4 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". This data no longer collected as of RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.4.e
109	STREAM 5 - WASTE STREAM CODE	C	Provides the 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 *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.5a
110	STREAM 5 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

111	STREAM 5 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
112	STREAM 5 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
113	STREAM 5 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
114	STREAM 5 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

115	STREAM 5 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
116	STREAM 5 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
117	STREAM 5 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. Some new codes for RY 2006. See Appendix A. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
118	STREAM 5 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. This data no longer collected in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.5.c

119	STREAM 5 - TRTMT EFFICIENCY EST	N	Provides the 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 waste stream being treated. Estimate reported as a range code in RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.5.d
120	STREAM 5 - BASED ON OPERATING DATA	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no". This data no longer collected as of RY 2006. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.5.e
121	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
122	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_ CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4
123	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
124	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1

125	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.4 Type 3A: Detailed Transfers Off-Site Data (non-POTW)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRUI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM.**DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
5	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
6	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
7	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
8	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4
9	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
10	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
11	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
12	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4
13	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
14	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
15	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
16	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4
17	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
18	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
19	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
20	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4
21	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
22	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
23	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
24	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**. REPORTING_YEAR *Reference:* Part I, Section 1

Num.	Field Name	Type	Description
25	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FORM.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
26	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.** FACILITY_NAME *Reference:* Part I, Section 4.1
27	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
28	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
29	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNT_NAME *Reference:* Part I, Section 4.1
30	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
31	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
32	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a

Num.	Field Name	Type	Description
33	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
34	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
35	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG Form R: Part I Section 4.2d
36	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
37	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
38	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c

Num.	Field Name	Type	Description
39	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
40	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
41	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
42	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
43	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
44	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
45	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
46	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
47	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
48	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
49	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
50	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
51	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a

Num.	Field Name	Type	Description
52	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
53	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
54	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
55	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
56	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
57	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
58	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
59	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ NAME *Reference:* Part I, Section 5.1
60	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ DB_NUM *Reference:* Part I, Section 5.2
61	OFF-SITE RCRA ID NR	C	The identification number assigned to the off-site disposal facility covered by regulations of the re*source* Conservation and Recovery Act (RCRA) and other regulations of the Superfund Act (CERCLA). *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.**RCRA_NUM *Reference:* Part II, Section 6.2
62	OFF-SITE TRANSFER SEQUENCE NUMBER	C	This field contains a sequence number assigned to an off-site location. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** TRANSFER_LOC_NUM *Reference:* NA (System generated)
63	OFF-SITE NAME	C	The name of the off-site treatment or disposal location to which the chemical is sent. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO.** OFF_SITE_ NAME *Reference:* Part II, Section 6.2

Num.	Field Name	Type	Description
64	OFF-SITE STREET ADDRESS	C	The address of the off-site disposal or treatment facility. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** OFF_SITE_STREET *Reference:* Part II, Section 6.2
65	OFF-SITE CITY	C	The city in which the off-site transfer or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** CITY_NAME *Reference:* Part II, Section 6.2
66	OFF-SITE COUNTY	C	The county in which the off-site treatment or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** COUNTY_NAME *Reference:* Part II, Section 6.2
67	OFF-SITE STATE	C	The two-letter state abbreviation of the off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** STATE_ABBR *Reference:* Part II, Section 6.2
68	OFF-SITE PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.**PROVINCE *Reference:* Part I, Section 4.1
69	OFF-SITE ZIPCODE	C	The zip code used in the address of an off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** ZIP_CODE *Reference:* Part II, Section 6.2

Num.	Field Name	Type	Description
70	OFF-SITE COUNTRY ID	C	If the off-site facility is out of the country, this field contains the name of the country to which the transfer is sent. *Source*: **TRI_OFF_SITE_TRANSFER_LOCATIO N.**COUNTRY_ CODE *Reference:* Part II, Section 6.2
71	OFF-SITE CONTROL	C	This field indicates whether the off-site location to which toxic chemical wastes are transferred is owned or controlled by the facility or parent company. Value is Ayes@ or Ano@. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** CONTROLLED_LOC *Reference:* Part II, Section 6.2
72	XFERS OFF-SITE POUNDS - STORAGE M10	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
73	XFERS OFF-SITE RANGE CODE- STORAGE M10	C	Code used to indicate the amount of the toxic chemical transferred to off-site facilities for storage (M10) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
74	TOTAL XFERS OFF-SITE AMOUNT- STORAGE M10	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). If field number 64 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 65 is used for the total value. *Source:* **TRI_TRANSFER_QTY.**TRANSFER_ TOTAL or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
75	BASIS OF ESTIMATE M10	C	A code indicating the principal method by which the total storage estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
76	XFERS OFF-SITE POUNDS - SOLIDIFICATION/STABIL IZATION (METALS) M41	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
77	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/STABILIZATION (METALS) M41	C	The code used to indicate the amount of the toxic chemical transferred to off-site facilities for solidification/stabilization (metals) (M41) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
78	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION (METALS) M41	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). If field number 68 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 69 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
79	BASIS OF ESTIMATE M41	C	A code indicating the principal method by which the total solidification/stabilization (metals) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
80	XFERS OFF-SITE POUNDS - WASTEWATER TRTMT (METALS) M62	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
81	XFERS OFF-SITE RANGE CODE - WASTEWATER TRTMT (METALS) M62	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (metals) (M62) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
82	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TRTMT (METALS) M62	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). If field number 72 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 73 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
83	BASIS OF ESTIMATE M62	C	A code indicating the principal method by which the total waste water treatment (metals) (M62) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
84	XFERS OFF-SITE UNDERGROUND INJECTION POUNDS M71	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
85	XFERS OFF-SITE UNDERGROUND INJECTION RANGE CODE M71	C	Code used to indicate the amount of the toxic chemical transferred to off-site underground injection (M71) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
86	TOTAL UNDERGROUND INJECTION AMOUNT M71	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). If field number 76 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 77 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
87	BASIS OF ESTIMATE M71	C	A code indicating the principal method by which the total underground injection (M71) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
88	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT POUNDS M72	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
89	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT RANGE CODE M72	C	Code used to indicate the amount of the toxic chemical transferred to landfill/disposal surface impoundment ponds (M72) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
90	TOTAL LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT AMOUNT **M72**	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). If field number 81 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 82 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
91	BASIS OF ESTIMATE M72	C	A code indicating the principal method by which the total landfill/disposal surface impoundment (M72) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
92	XFERS OFF-SITE SURFACE IMPOUNDMENT POUNDS M63	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected transferred off-site for surface impoundment (M63). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
93	SURFACE IMPOUNDMENT RANGE CODE M63	C	Code used to indicate the amount of the toxic chemical transferred off-site for surface impoundment (M63) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
94	SURFACE IMPOUNDMENT TOTAL AMOUNT M63	N	System generated total quantity in pounds of reported chemical contained in the waste transferred off-site for surface impoundment (M63). If field number 84 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 85 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
95	BASIS OF ESTIMATE M63	C	A code indicating the principal method by which the total surface impoundment (M63) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
96	XFERS OFF-SITE OTHER LANDFILLS POUNDS M64	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to other landfills (M64). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
97	OTHER LANDFILLS RANGE CODE M64	C	Code used to indicate the amount of the toxic chemical transferred to other landfills (M64) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
98	OTHER LANDFILLS TOTAL AMOUNT M64	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to other landfills (M64). If field number 88 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 89 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
99	BASIS OF ESTIMATE M64	C	A code indicating the principal method by which the total other landfill (M64) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
100	XFERS OFF-SITE RCRA SUBTITLE C LANDFILLS POUNDS M65	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred off-site to RCRA subtitle C Landfills (M65). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
101	RCRA SUBTITLE C LANDFILLS RANGE CODE M65	C	Code used to indicate the amount of the toxic chemical transferred off-site to RCRA subtitle C landfills (M65) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
102	RCRA SUBTITLE C LANDFILLS TOTAL AMOUNT M65	N	System generated total quantity in pounds of reported chemical contained in the waste transferred off-site to RCRA subtitle C landfills (M65). If field number 92 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 93 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
103	BASIS OF ESTIMATE M65	C	A code indicating the principal method by which the transfers to RCRA subtitle C landfills (M65) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
104	LAND TREATMENT POUNDS M73	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
105	LAND TREATMENT RANGE CODE M73	C	Code used to indicate the amount of the toxic chemical subjected to land treatment (M73) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
106	TOTAL LAND TREATMENT TOTAL AMOUNT M73	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). If field number 96 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 97 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
107	BASIS OF ESTIMATE M73	C	A code indicating the principal method by which the total land treatment (M73) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
108	OTHER LAND DISPOSAL POUNDS M79	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to other land disposal (M79). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
109	OTHER LAND DISPOSAL RANGE CODE M79	C	Code used to indicate the amount of the toxic chemical subjected to other land disposal (M79) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
110	TOTAL OTHER LAND DISPOSAL AMOUNT M79	N	System generated total quantity in pounds of reported chemical subjected to other land disposal (M79). If field number 100 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 101 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
111	BASIS OF ESTIMATE M79	C	A code indicating the principal method by which the total land disposal (M79) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
112	OTHER OFF-SITE MANAGEMENT POUNDS M90	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site management (M90). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
113	OTHER OFF-SITE MANAGEMENT RANGE CODE M90	C	Code used to indicate the amount of the toxic chemical subjected to other off-site management (M90) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
114	TOTAL OTHER OFF-SITE MANAGEMENT AMOUNT M90	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site management (M90). If field number 104 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 105 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
115	BASIS OF ESTIMATE M90	C	A code indicating the principal method by which the total other off-site management (M90) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
116	TRANSFER TO WASTE BROKER-DISPOSAL POUNDS M94	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker disposal (M94). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
117	TRANSFER TO WASTE BROKER-DISPOSAL RANGE CODE M94	C	Code used to indicate the amount of the toxic chemical subjected to waste broker disposal (M94) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
118	TOTAL TRANSFER TO WASTE BROKER-DISPOSAL AMOUNT M94	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker disposal (M94). If field number 108 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 109 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
119	BASIS OF ESTIMATE M94	C	A code indicating the principal method by which the total waste broker disposal (M94) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
120	UNKNOWN POUNDS M99	N	An estimate of the total quantity in pounds of reported chemical transported off-site for unknown processing (M99). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
121	UNKNOWN RANGE CODE M99	C	Code used to indicate the amount of the toxic chemical transported off-site for unknown processing (M99) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
122	TOTAL UNKNOWN AMOUNT M99	N	System generated total quantity in pounds of reported chemical transported off-site for unknown processing (M99). If field number 112 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 113 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
123	BASIS OF ESTIMATE M99	C	Code indicating the principal method by which the unknown processing (M99) estimate is calculated. A code indicating the principal method by which the unknown processing (M99) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
124	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR DISPOSAL	N	Total, in pounds, of toxic chemical reported transferred off-site for disposal. Sum of columns (66+70+74+78+82+86+90+94+98+102+106+110+114 +174+178+182+186) . *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
125	XFERS OFF-SITE POUNDS - SOLIDIFICATION/ STABILIZATION M40	N	An estimate of the total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
126	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/ STABILIZATION M40	C	Code used to indicate the amount of the toxic chemical transported off-site for solidification/ stabilization (M40) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
127	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABIL IZATION M40	N	System generated total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). If field number 117 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 118 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
128	BASIS OF ESTIMATE M40	C	A code indicating the principal method by which the total off-site solidification / stabilization (M40) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
129	XFERS OFF-SITE POUNDS - INCINERATION/ THERMAL TREATMENT M50	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
130	XFERS OFF-SITE RANGE CODE - INCINERATION/ THERMAL TREATMENT M50	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/thermal treatment (M50) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
131	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ THERMAL TREATMENT M50	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). If field number 121 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 122 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
132	BASIS OF ESTIMATE M50	C	A code indicating the principal method by which the off-site incineration / thermal treatment (M50) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
133	XFERS OFF-SITE POUNDS - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
134	XFERS OFF-SITE RANGE CODE - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/ insignificant fuel value (M54) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
135	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). If field number 125 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 126 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
136	BASIS OF ESTIMATE M54	C	A code indicating the principal method by which the transported off-site for incineration / insignificant fuel value (M54) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
137	XFERS OFF-SITE POUNDS - WASTEWATER TREATMENT (EXCLUDING POTW) M61	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A1
138	XFERS OFF-SITE RANGE CODE - WASTEWATER TREATMENT M61	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (excluding POTW) (M61) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A1
139	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TREATMENT M61	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). If field number 129 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 130 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
140	BASIS OF ESTIMATE M61	C	A code indicating the principal method by which the total wastewater treatment (excluding POTW) (M61) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
141	XFERS OFF-SITE POUNDS -OTHER WASTE TREATMENT M69	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site waste treatment (M69). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
142	XFERS OFF-SITE RANGE CODE - OTHER WASTE TREATMENT M69	C	Code used to indicate the amount of the toxic chemical subjected to other off-site waste treatment (M69) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
143	TOTAL XFERS OFF-SITE AMOUNT - OTHER WASTE TREATMENT M69	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site waste treatment (M69). If field number 133 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 134 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
144	BASIS OF ESTIMATE M69	C	A code indicating the principal method by which the total other off-site waste treatment (M69) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
145	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker for treatment (M95). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
146	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	C	Code used to indicate the amount of the toxic chemical subjected to waste broker for treatment (M95) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
147	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker for treatment (M95). If field number 137 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 138 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
148	BASIS OF ESTIMATE M95	C	A code indicating the principal method by which the waste broker disposal (M94) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
149	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR TREATMENT	N	Total, in pounds, of toxic chemical reported transferred off-site for treatment. Sum of columns (119+123+127+131+135+139). *Source:* System generated *Reference:* None
150	XFERS OFF-SITE POUNDS - ENERGY RECOVERY M56	N	An estimate of the total quantity in pounds of reported chemical sent off-site for energy recovery (M56). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
151	XFERS OFF-SITE RANGE CODE -ENERGY RECOVERY M56	C	Code used to indicate the amount of the toxic chemical sent off-site for energy recovery (M56) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
152	TOTAL XFERS OFF-SITE AMOUNT - ENERGY RECOVERY M56	N	System generated total quantity in pounds of reported chemical contained in the waste sent off-site for energy recovery (M56). If field number 142 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 143 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
153	BASIS OF ESTIMATE M56	C	A code indicating the principal method by which the off-site energy recovery (M56) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
154	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	N	An estimate of the total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
155	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	C	Code used to indicate the amount of the toxic chemical sent to a waste broker for energy recovery (M92) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
156	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE-BROKER-ENERGY RECOVERY M92	N	System generated total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). If field number 146 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 147 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
157	BASIS OF ESTIMATE M92	C	A code indicating the principal method by which the amount sent to a waste broker for energy recovery (M92) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
158	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR ENERGY RECOVERY	N	Total, in pounds, of toxic chemical reported transferred off-site for energy recovery (144 + 148). *Source:* System generated *Reference:* None
159	XFERS OFF-SITE POUNDS - SOLVENTS/ORGANICS RECOVERY M20	N	An estimate of the total quantity in pounds of reported chemical sent off-site for solvents/ organics recovery (M20). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
160	XFERS OFF-SITE RANGE CODE - SOLVENTS/ORGANICS RECOVERY M20	C	Code used to indicate the amount of the toxic chemical sent off-site for solvents/organics recovery (M20) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
161	TOTAL XFERS OFF-SITE AMOUNT - SOLVENTS/ORGANICS RECOVERY M20	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for solvents/organics recovery (M20). If field number 151 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 152 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
162	BASIS OF ESTIMATE M20	C	A code indicating the principal method by which the amount sent off-site for solvents / organics recovery (M20) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
163	XFERS OFF-SITE POUNDS -METALS RECOVERY M24	N	An estimate of the total quantity in pounds of reported chemical sent off-site for metals recovery (M24). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
164	XFERS OFF-SITE RANGE CODE - METALS RECOVERY M24	C	Code used to indicate the amount of the toxic chemical sent off-site for metals recovery (M24) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
165	TOTAL XFERS OFF-SITE AMOUNT - METALS RECOVERY M24	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for off-site for metals recovery (M24). If field number 155 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 156 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
166	BASIS OF ESTIMATE M24	C	A code indicating the principal method by which the amount sent off-site for metals recovery (M24) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
167	XFERS OFF-SITE POUNDS - OTHER REUSE OR RECOVERY M26	N	An estimate of the total quantity in pounds of reported chemical sent off-site for other reuse or recovery (M26). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
168	XFERS OFF-SITE RANGE CODE - OTHER REUSE OR RECOVERY M26	C	This field provides the code used to indicate the amount of the toxic chemical sent off-site for other reuse or recovery (M26) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
169	TOTAL XFERS OFF-SITE AMOUNT - OTHER REUSE OR RECOVERY M26	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for other reuse or recovery (M26). If field number 159 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 160 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
170	BASIS OF ESTIMATE M26	C	A code indicating the principal method by which the amount for sent off-site for other reuse or recovery (M26) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
171	XFERS OFF-SITE POUNDS - ACID REGENERATION M28	N	An estimate of the total quantity in pounds of reported chemical sent off-site for acid regeneration (M28). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
172	XFERS OFF-SITE RANGE CODE - ACID REGENERATION M28	C	Code used to indicate the amount of the toxic chemical sent off-site for acid regeneration (M28) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
173	TOTAL XFERS OFF-SITE AMOUNT - ACID REGENERATION M28	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for acid regeneration (M28). If field number 163 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 164 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
174	BASIS OF ESTIMATE M28	C	A code indicating the principal method by which the amount sent off-site for acid regeneration (M28) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
175	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-RECYCLING M93	N	An estimate of the total quantity transferred to a waste broker for recycling (M93). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
176	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-RECYCLING M93	C	Code used to indicate the amount of the toxic chemical transferred to a waste broker for recycling (M93) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
177	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-RECYCLING M93	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to a waste broker for recycling (M93). If field number 167 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 168 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
178	BASIS OF ESTIMATE M93	C	A code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
179	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR RECYCLING	N	Total, in pounds, of toxic chemical reported transferred off-site for recycling. Sum of Columns (153 + 157 + 161 + 165 + 169). *Source:* System generated *Reference:* None
180	XFERS OFF-SITE RCRA SUBTITLE C SURFACE IMPOUNDMENT POUNDS M66	N	An estimate of the total quantity of a chemical contained in the waste transferred off-site to a RCRA Subtitle C surface impoundment (M66). Range codes may be used for transfers of less than 1000 lbs. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
181	RCRA SUBTITLE C SURFACE IMPOUNDMENT RANGE CODE M66	C	Code used to indicate the amount of the toxic chemical transferred off-site for RCRA Subtitle C surface impoundment (M66) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
182	RCRA SUBTITLE C SURFACE IMPOUNDMENT TOTAL AMOUNT M66	N	System generated total quantity of a chemical contained in the waste transferred off-site for RCRA Subtitle C surface impoundment (M66). If field number 172 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 173 is used for the total value. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
183	BASIS OF ESTIMATE M66	C	A code indicating the principal method by which the total RCRA Subtitle C surface impoundment (M66) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
184	XFERS OFF-SITE OTHER SURFACE IMPOUNDMENT POUNDS M67	N	An estimate of the total quantity of a chemical contained in the waste transferred off-site to Other surface impoundment (M67). Range codes may be used for transfers of less than 1000 lbs. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
185	OTHER SURFACE IMPOUNDMENT RANGE CODE M67	C	Code used to indicate the amount of the toxic chemical transferred off-site for Other surface impoundment (M67) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
186	OTHER SURFACE IMPOUNDMENT TOTAL AMOUNT M67	N	System generated total quantity of a chemical contained in the waste transferred off-site for Other surface impoundment (M67). If field number 176 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 177 is used for the total value. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
187	BASIS OF ESTIMATE M67	C	A code indicating the principal method by which the total other surface impoundment (M67) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
188	XFERS OFF-SITE UNDERGROUND INJ. CLASS I WELLS POUNDS M81	N	An estimate of the total quantity of a chemical contained in the waste transferred off-site for underground injection into class I wells (M81). Range codes may be used for transfers of less than 1000 lbs. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
189	UNDERGROUND INJ. CLASS I WELLS RANGE CODE M81	C	Code used to indicate the amount of the toxic chemical transferred to off-site underground injection class I wells (M81) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
190	UNDERGROUND INJ. CLASS I WELLS TOTAL AMOUNT M81	N	System generated total quantity of a chemical contained in the waste transferred to off-site underground injection class I wells (M81). If field number 180 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 181 is used for the total value. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
191	BASIS OF ESTIMATE M81	C	A code indicating the principal method by which the total underground injection into class I wells (M81) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
192	XFERS OFF-SITE UNDERGROUND INJ. CLASS II-V WELLS POUNDS M82	N	An estimate of the total quantity of a chemical contained in the waste transferred off-site for underground injection into class II-V wells (M82). Range codes may be used for transfers of less than 1000 lbs. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
193	UNDERGROUND INJ. CLASS II-V WELLS RANGE CODE M82	C	Code used to indicate the amount of the toxic chemical transferred to off-site underground injection class II-V wells (M82) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
194	UNDERGROUND INJ. CLASS II-V WELLS TOTAL AMOUNT M82	N	System generated total quantity of a chemical contained in the waste transferred to off-site underground injection class I wells (M82). If field number 184 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 185 is used for the total value. Amounts are reported in grams for Dioxins and pounds for all other chemicals *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
195	BASIS OF ESTIMATE M82	C	A code indicating the principal method by which the total underground injection into class II-V wells (M82) estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
196	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL

Num.	Field Name	Type	Description
197	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4
198	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
199	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
200	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.5 Type 3B: Detailed Transfers Off-Site Data (POTWs)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM**. DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
5	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
6	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
7	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
8	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4
9	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
10	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
11	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
12	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4
13	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
14	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
15	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
16	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4
17	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
18	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
19	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
20	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4
21	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
22	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
23	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
24	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FOMR**. REPORTING_YEAR *Reference:* Part I, Section 1

Num.	Field Name	Type	Description
25	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FOMR.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
26	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1
27	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
28	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
29	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
30	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.** STATE_ABBR *Reference:* Part I, Section 4.1
31	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.**ZIP_CODE *Reference:* Part I, Section 4.1
32	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** ENTIRE_FAC *Reference:* Part I, Section 4.2a

Num.	Field Name	Type	Description
33	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
34	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
35	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG *Reference:* Form R: Part I Section 4.2d
36	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
37	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
38	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c

Num.	Field Name	Type	Description
39	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
40	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
41	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
42	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
43	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
44	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
45	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
46	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
47	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
48	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
49	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
50	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
51	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a

Num.	Field Name	Type	Description
52	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
53	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
54	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
55	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
56	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
57	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
58	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
59	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1
60	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
61	TOTAL POTW TRANSFERS	N	Amount reported in pounds of total of transfers offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TRANSFER_TOTAL + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Form R:* Part II, Section 6.1.A.1

Num.	Field Name	Type	Description
62	BASIS OF ESTIMATE FOR POTWS		A code indicating the principal method by which the amount of wastewater transfer to all POTWs estimate was calculated. The codes and corresponding methods are: C = mass balance calculations E = published emission factors E1 = published emission factors E2 = on site-specific emission factors M = monitoring data M1 = continuous monitoring data M2 = periodic/random monitoring data NA = not applicable O = other X = invalid data *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASIS_ EST_CODE *Reference:* Part II, Section 6.1.A.2
63	POTW A - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_NAME *Reference:* Part II, Section 6.1.B.1
64	POTW A - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_STREET *Reference:* Part II, Section 6.1.B.1
65	POTW A - CITY	C	Name of the city in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**CITY_NAME *Reference:* Part II, Section 6.1.B.1
66	POTW A - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **TRI_POTW_LOCATION.**STATE_ ABBR *Reference:* Part II, Section 6.1.B.1

Num.	Field Name	Type	Description
67	POTW A - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**COUNTY_NAME *Reference:* Part II, Section 6.1.B.1
68	POTW A - ZIP	C	ZIP code used in the address of a POTW site. *Source:* **TRI_POTW_LOCATION.**ZIP_CODE *Reference:* Part II, Section 6.1.B.1
69	POTW B - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_NAME *Reference:* Part II, Section 6.1.B.2
70	POTW B - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_STREET *Reference:* Part II, Section 6.1.B.2
71	POTW B - CITY	C	Name of the city in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**CITY_NAME *Reference:* Part II, Section 6.1.B.2
72	POTW B - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **TRI_POTW_LOCATION.**STATE_ABBR *Reference:* Part II, Section 6.1.B.2
73	POTW B - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**COUNTY_NAME *Reference:* Part II, Section 6.1.B.2

Num.	Field Name	Type	Description
74	POTW B - ZIP	C	ZIP code used in the address of a POTW site. *Source:* **TRI_POTW_LOCATION.**ZIP_CODE *Reference:* Part II, Section 6.1.B.1
75	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
76	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4
77	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
78	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
79	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.6 Type 4: Facility Information Directory

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	Calendar year in which the facility submitted its last report. *Source:* **TRI_REPORTING_FOMR**. REPORTING_YEAR *Reference:* Part I, Section 1
2	TITLE OF CERTIFYING OFFICIAL	C	Corporate title of the senior official certifying the accuracy and completeness of information on the submission. *Source:* **TRI_REPORTING_FOMR.**CERT_ OFFICIAL_TITLE *Reference:* Part I, Section 3
3	NAME OF CERTIFYING OFFICIAL	C	Name of the senior official certifying the accuracy and complete- ness of the information on the submission. *Source:* **TRI_REPORTING_FOMR.**CERT_NAME *Reference:* Part I, Section 3
4	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The contents of this field is* ***not*** *changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**TRI_FACILITY_ID *Reference:* Part I, Section 4.1
5	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
6	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
7	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
8	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
9	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
10	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
11	MAILING NAME	C	The first and second lines of the mailing name for the facility. *Source:* **TRI_FACILITY.**MAIL_NAME
12	MAILING STREET	C	Street address of the reporting facility's mailing address. *Source:* **TRI_FACILITY.** MAIL_STREET_ADDRESS *Reference:* Part I, Section 4.1
13	MAILING CITY	C	City name provided by the reporting facility to which mail is to be sent *Source:* **TRI_FACILITY.**MAIL_CITY *Reference:* Part I, Section 4.1
14	MAILING STATE	C	State of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_STATE_ABBR *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
15	MAILING PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_PROVINCE *Reference:* Part I, Section 4.1
16	MAILING ZIP CODE	C	ZIP code of the mailing address provided by the reporting facility. *Source*: **TRI_FACILITY**.MAIL_ZIP_CODE *Reference:* Part I, Section 4.1
17	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a
18	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility: Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.**PARTIAL_FAC *Reference:* Part I, Section 4.2b
19	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not: Yes = Federal No = non-Federal Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_ FAC_IND *Form R:* Part I Section 4.2c
20	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source:* **TRI_REPORTING_FORM.**GOCO_ FLAG *Form R:* Part I Section 4.2d

Num.	Field Name	Type	Description
21	PUBLIC CONTACT NAME	C	Name of the person whom the public may contact if clarification of the information on the reporting form is required. *Source:* **TRI_FACILITY**. ASGN_PUBLIC_CONTACT *Reference:* Part I, Section 4.4
22	PUBLIC CONTACT PHONE	C	Telephone number, including area code, of the public contact. *Source:* **TRI_FACILITY**. ASGN_PUBLIC_PHONE *Reference:* Part I, Section 4.4
23	PRIMARY SIC CODE	C	First four-digit Standard Industrial Classification (SIC) Code entered by facility *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
24	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
25	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
26	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
27	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e

Num.	Field Name	Type	Description
28	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
29	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
30	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
31	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
32	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
33	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
34	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b
35	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
36	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
37	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
38	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
39	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b

Num.	Field Name	Type	Description
40	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
41	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
42	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
43	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
44	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
45	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
46	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1
47	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
48	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
49	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON_EMAIL *Reference:* Part I, Section 4.4

4.7 Type 5: Additional Information on Source Reduction, Recycling and Pollution Control

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM**. DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
5	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**.CLASSIFICATION *Reference*: NONE
6	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FOMR**.REPORTING_YEAR *Reference:* Part I, Section 1
7	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1
8	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
9	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
10	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
11	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.** STATE_ABBR *Reference:* Part I, Section 4.1
12	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.**ZIP_CODE *Reference:* Part I, Section 4.1
13	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** ENTIRE_FAC *Reference:* Part I, Section 4.2a
14	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
15	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c

Num.	Field Name	Type	Description
16	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG *Reference:* Form R: Part I Section 4.2d
17	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
18	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
19	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
20	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
21	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
22	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f

Num.	Field Name	Type	Description
23	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
24	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
25	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
26	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
27	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
28	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
29	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
30	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
31	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
32	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
33	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
34	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
35	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
36	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
37	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
38	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
39	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
40	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1

Num.	Field Name	Type	Description
41	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
42	ADDITIONAL INFORMATION - SOURCE REDUCTION	C	Additional information on Source Reduction, Recycling and Pollution Control. *Source:* **TRI_ADDITIONAL_INFO.**ADDITIONAL_TEST *Form R:* Part II, Section 8.11 (Electronic Submissions Only)
43	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
44	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON_EMAIL
45	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1

Num.	Field Name	Type	Description
46	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
47	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

4.8 Type 6: Miscellaneous, Additional, or Optional Information

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. The three sections of the format were separated by hypens prior to RY 2006. **NOTE:** *The contents of this field is* ***not*** *changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM**. DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3
5	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**.CLASSIFICATION *Reference*: NONE
6	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FOMR**.REPORTING_YEAR *Reference:* Part I, Section 1
7	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1
8	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
9	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
10	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
11	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.** STATE_ABBR *Reference:* Part I, Section 4.1
12	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.**ZIP_CODE *Reference:* Part I, Section 4.1
13	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** ENTIRE_FAC *Reference:* Part I, Section 4.2a
14	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
15	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO Value reported by facility. *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c

Num.	Field Name	Type	Description
16	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG *Reference:* Form R: Part I Section 4.2d
17	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
18	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
19	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
20	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
21	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
22	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f

Num.	Field Name	Type	Description
23	NAICS ORIGIN	C	Indicates whether NAICS codes were reported or assigned. R = Reported A = Assigned
24	PRIMARY NAICS CODE	C	Primary six-digit North American Standard Industry Classification System (NAICS) Code. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* primary_ind => 1 *Reference:* Part I, Section 4.5a
25	NAICS CODE 2	C	Second six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 2 *Reference:* Part I, Section 4.5b
26	NAICS CODE 3	C	Third six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 3 *Reference:* Part I, Section 4.5b
27	NAICS CODE 4	C	Forth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 4 *Reference:* Part I, Section 4.5b
28	NAICS CODE 5	C	Fifth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 5 *Reference:* Part I, Section 4.5b

Num.	Field Name	Type	Description
29	NAICS CODE 6	C	Sixth six-digit North American Standard Industry Classification System (NAICS) Code entered by facility. *Source:* **TRI_SUBMISSION_NAICS.NAICS**_CODE *Where:* naics_sequence_num = 6 *Reference:* Part I, Section 4.5b
30	LATITUDE	N	The Latitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Latitude value and began obtaining it from FRS. Format: signed 2 digit whole number, 6 digit decimal positions (+nn.nnnnnn). *Source:* **EPA's Facility Registry System**
31	LONGITUDE	N	The Longitude value that best represents the facility according to EPA's Facility Registry System (FRS). In RY 2005, TRI stopped collecting the Longitude value and began obtaining it from FRS. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **EPA's Facility Registry System**
32	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
33	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
34	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**

Num.	Field Name	Type	Description
35	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the res*ource* Conservation and Recovery Act. In RY 2005, TRI stopped collecting RCRA Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
36	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
37	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. In RY 2005, TRI stopped collecting NPDES Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
38	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
39	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility. In RY 2005, TRI stopped collecting UIC Ids and began obtaining them from EPA's Facility Registry System (FRS). *Source:* **EPA's Facility Registry System**
40	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1

Num.	Field Name	Type	Description
41	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
42	ADDITIONAL INFORMATION – MISCELLANEOUS OR OPTIONAL	C	Miscellaneous, additional, or optional information. *Source:* **TRI_ADDITIONAL_INFO.**ADDITIONAL_TEST *Form R:* Part II, Section 9.1 (Electronic Submissions Only)
43	ASSIGNED FED. FACILITY FLAG	C	Code indicating whether the Facility is federal or not. Assigned by TRI. Yes = Federal No = Non-Federal *Source:* **TRI_FACILITY.**ASGN_FEDERAL
44	PUBLIC CONTACT EMAIL	C	Email address of the individual at a TRI facility (reporter) who the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON_EMAIL
45	REVISION CODE 1	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1

Num.	Field Name	Type	Description
46	REVISION CODE 2	C	Code indicating the reason the Facility revised its data. Values: RR1 = New Monitoring Data RR2 = New Emission Factors RR3 = New Chemical Concentration Data RR4 = Recalculation(s) RR5 = Other Reason(s) *Source:* **TRI_REPORTING_FORM.**Revision_Code_1
47	METAL_IND	C	Code indicating whether the is a metal or not. Yes = Metal No = Non-Metal *Source:* **TRI_CHEM_INFO.**Metal_Ind

Appendix A: List of Values

Section 7A. On-Site Waste Treatment Methods and Efficiency

General Waste Stream

A	Gaseous (gases, vapors, airborne particulates)
W	Wastewater (aqueous waste)
L	Liquid waste streams (non-aqueous waste)
S	Solid waste streams (including sludges and slurries)

Waste Treatment Methods (New list for Codes for RY 2006)

Air Emissions Treatment

A01	Flare
A02	Condenser
A03	Scrubber
A04	Absorber
A05	Electrostatic Precipitator
A06	Mechanical Separation
A07	Other Air Emission Treatment

Chemical Treatment

H040	Incineration--thermal destruction other than use as a fuel
H071	Chemical reduction with or without precipitation
H073	Cyanide destruction with or without precipitation
H075	Chemical oxidation
H076	Wet air oxidation
H077	Other chemical precipitation with or without pre-treatment

Biological Treatment

H081	Biological treatment with or without precipitation

Physical Treatment

H082	Adsorption
H083	Air or steam stripping
H101	Sludge treatment and/or dewatering
H103	Absorption
H111	Stabilization or chemical fixation prior to disposal
H112	Macro-encapsulation prior to disposal
H121	Neutralization
H122	Evaporation
H123	Settling or clarification
H124	Phase separation
H129	Other treatment

Section 7B. On-Site Energy Recovery Processes

U01 Industrial Kiln
U02 Industrial Furnace
U03 Industrial Boiler

Section 7C. On-Site Recycling Processes

H10 Metal recovery (by retorting, smelting, or chemical or physical extraction)
H20 Solvent recovery (including distillation, evaporation, fractionation or extraction)
H39 Other recovery or reclamation for reuse (including acid regeneration or other chemical reaction process)

Crosswalk for Section 7A, Column B. Waste Treatment Method (s) Sequence

Air Emissions Treatment (applicable to gaseous waste streams only) (No change - same as previous codes)			
A01	Flare		
A02	Condenser		
A03	Scrubber		
A04	Absorber		
A05	Electrostatic Precipitator		
A06	Mechanical Separation		
A07	Other Air Emission Treatment		
Previous Codes		**New Codes (adapted from RCRA Hazardous Waste Management Codes)**	
Biological Treatment:			
B11	Aerobic	H081	Biological treatment with or without precipitation
B21	Anaerobic	H081	Biological treatment with or without precipitation
B31	Facultative	H081	Biological treatment with or without precipitation
B99	Other Biological Treatment	H081	Biological treatment with or without precipitation

Previous Codes		New Codes (adapted from RCRA Hazardous Waste Management Codes)	
Chemical Treatment:			
C01	Chemical Precipitation B Lime or Sodium Hydroxide	H071	Chemical reduction with or without precipitation
C02	Chemical Precipitation B Sulfide	H071	Chemical reduction with or without precipitation
C09	Chemical Precipitation B Other	H077	Other chemical precipitation with or without pre-treatment
C11	Neutralization	H121	Neutralization
C21	Chromium Reduction	H071	Chemical reduction with or without precipitation
C31	Complexed Metals Treatment (other than pH adjustment)	H129	Other treatment
C41	Cyanide Oxidation B Alkaline Chlorination	H073	Cyanide destruction with or without precipitation
C42	Cyanide Oxidation B Electrochemical	H073	Cyanide destruction with or without precipitation
C43	Cyanide Oxidation B Other	H073	Cyanide destruction with or without precipitation
C44	General Oxidation (including Disinfection) B Chlorination	H075	Chemical oxidation
C45	General Oxidation (including Disinfection) B Ozonation	H075	Chemical oxidation
C46	General Oxidation (including Disinfection) B Other	H075	Chemical oxidation
C99	Other Chemical Treatment	H129	Other treatment
Incineration/Thermal Treatment: (Note: Only report combustion for the purposes of incineration/thermal treatment in Section 7A. If the method involves combustion for the purposes of energy recover, report as U01, U02, or U03 in Section 7B. If the method involves combustion for the purposes of materials recovery, report as H39 in Section 7C.)			
F01	Liquid Injection	H040	Incineration B thermal destruction other than use as a fuel
F11	Rotary Kiln with Liquid Injection Unit	H040	Incineration B thermal destruction other than use as a fuel

F19	Other Rotary Kiln	H040	Incineration B thermal destruction other than use as a fuel
F31	Two Stage	H040	Incineration B thermal destruction other than use as a fuel
F41	Fixed Hearth	H040	Incineration B thermal destruction other than use as a fuel
Previous Codes		New Codes (adapted from RCRA Hazardous Waste Management Codes)	
F42	Multiple Hearth	H040	Incineration B thermal destruction other than use as a fuel
F51	Fluidized Bed	H040	Incineration B thermal destruction other than use as a fuel
F61	Infra-Red	H040	Incineration B thermal destruction other than use as a fuel
F71	Fume/Vapor	H040	Incineration B thermal destruction other than use as a fuel
F81	Pyrolytic destructor	H040	Incineration B thermal destruction other than use as a fuel
F82	Wet air oxidation	H076	Wet air oxidation
F83	Thermal Drying/Dewatering	H122	Evaporation
F99	Other Incineration/Thermal Treatment	H040	Incineration B thermal destruction other than use as a fuel
Physical Treatment:			
P01	Equalization	H129	Other treatment
P09	Other blending	H129	other treatment
P11	Settling/clarification	H123	Settling or clarification
P12	Filtration	H123	Settling or clarification
P13	Sludge dewatering (non-thermal)	H101	Sludge treatment and/or dewatering
P14	Air flotation	H124	Phase separation
P15	Oil skimming	H124	Phase separation
P16	Emulsion breaking B thermal	H124	Phase separation
P17	Emulsion breaking B chemical	H124	Phase separation
P18	Emulsion breaking B other	H124	Phase separation
P19	Other liquid phase separation	H124	Phase separation

P21	Adsorption B Carbon	H082	Adsorption
P22	Adsorption B Ion exchange (other than for recovery/reuse)	H082	Adsorption
P23	Adsorption B Resin	H082	Adsorption
P29	Adsorption B Other	H082	Adsorption
P31	Reverse Osmosis (other than for recover/reuse)	H129	Other treatment
P41	Stripping B Air	H083	Air or steam stripping
P42	Stripping B Steam	H083	Air or steam stripping
Previous Codes		New Codes (adapted from RCRA Hazardous Waste Management Codes)	
P49	Stripping B Other	H083	Air or steam stripping
P51	Acid Leaching (other than for recovery/reuse)	H129	Other treatment
P61	Solvent Extraction (other than recovery/reuse)	H129	Other treatment
P99	Other Physical Treatment	H129	Other treatment
Solidification/Stabilization:			
G01	Cement processes (including silicates)	H111	Stabilization or chemical fixation prior to disposal
G09	Other Pozzolonic Processes (including silicates)	H111	Stabilization or chemical fixation prior to disposal
G11	Asphaltic Techniques	H111	Stabilization or chemical fixation prior to disposal
G20	Thermoplastic Techniques	H111	Stabilization or chemical fixation prior to disposal
G99	Other Solidification Processes	H111	Stabilization or chemical fixation prior to disposal

Appendix B: Chemical Classifications

Category 1 Metals
ANTIMONY
ANTIMONY COMPOUNDS
ARSENIC
ARSENIC COMPOUNDS
BERYLLIUM
BERYLLIUM COMPOUNDS
CADMIUM
CADMIUM COMPOUNDS
CHROMIUM
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)
COBALT
COBALT COMPOUNDS
COPPER
COPPER COMPOUNDS
LEAD
LEAD COMPOUNDS
MANGANESE
MANGANESE COMPOUNDS
MERCURY
MERCURY COMPOUNDS
NICKEL
NICKEL COMPOUNDS
SELENIUM
SELENIUM COMPOUNDS
SILVER
SILVER COMPOUNDS
THALLIUM
THALLIUM COMPOUNDS
VANADIUM COMPOUNDS
ZINC COMPOUNDS

Category 2 Metals
ALUMINUM OXIDE (FIBROUS FORMS)
ALUMINUM PHOSPHIDE
ASBESTOS (FRIABLE)
BIS(TRIBUTYLTIN) OXIDE
BORON TRICHLORIDE
BORON TRIFLUORIDE
C.I. DIRECT BLUE 218
C.I. DIRECT BROWN 95
FENBUTATIN OXIDE
FERBAM
IRON PENTACARBONYL
LITHIUM CARBONATE
MANEB
METIRAM
MOLYBDENUM TRIOXIDE
OSMIUM TETROXIDE
POTASSIUM BROMATE
SODIUM NITRITE
THORIUM DIOXIDE
TITANIUM TETRACHLORIDE
TRIBUTYLTIN FLUORIDE
TRIBUTYLTIN METHACRYLATE
TRIPHENYLTIN CHLORIDE
TRIPHENYLTIN HYDROXIDE
ZINEB

Category 3 Metals
BARIUM
BARIUM COMPOUNDS

Category 4 Metals
ALUMINUM (FUME OR DUST)
VANADIUM (EXPEPT WHEN CONTIANED IN AN ALLOY)
ZINC (FUME OR DUST)

Appendix C:

Loading the "TRI Basic Plus Data Files" into Microsoft (MS) Excel

To load these files into MS Excel do the following:

1. Save the *TRI Basic Plus Data File* to your computer.

   For this example, the file name is **AL_1_2008_v08.txt**
   The file will be saved to the **C:\My_Dir directory**

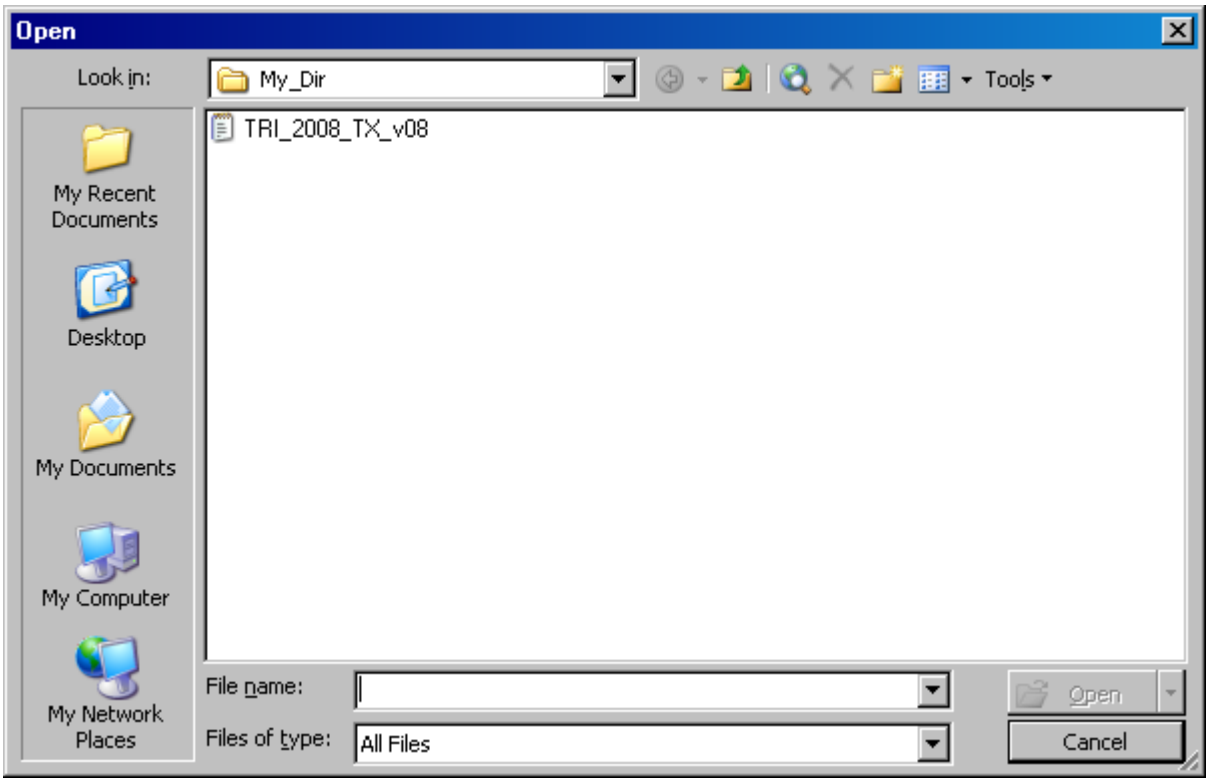
2. Open Excel

3. From the menu bar click on "File" then "Open".

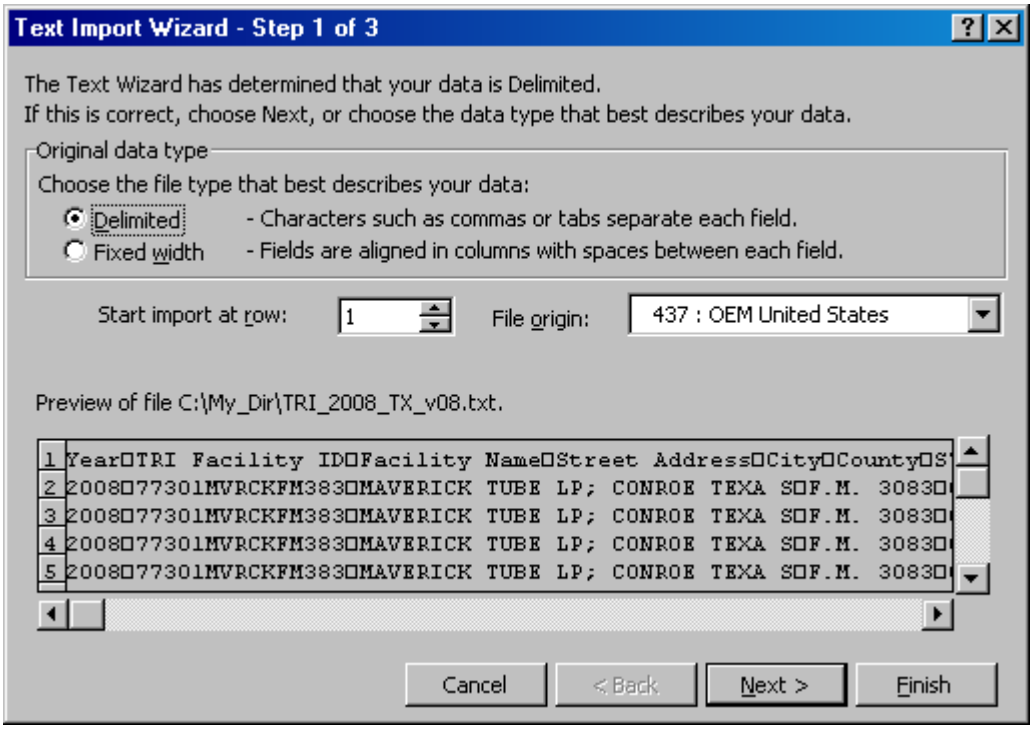
4. A pop-up box entitled "Open" will appear. At the bottom of the pop-up box, for the field "Files of Type" select "All Files (*.*)

5. Navigate to the directory where you saved the file.

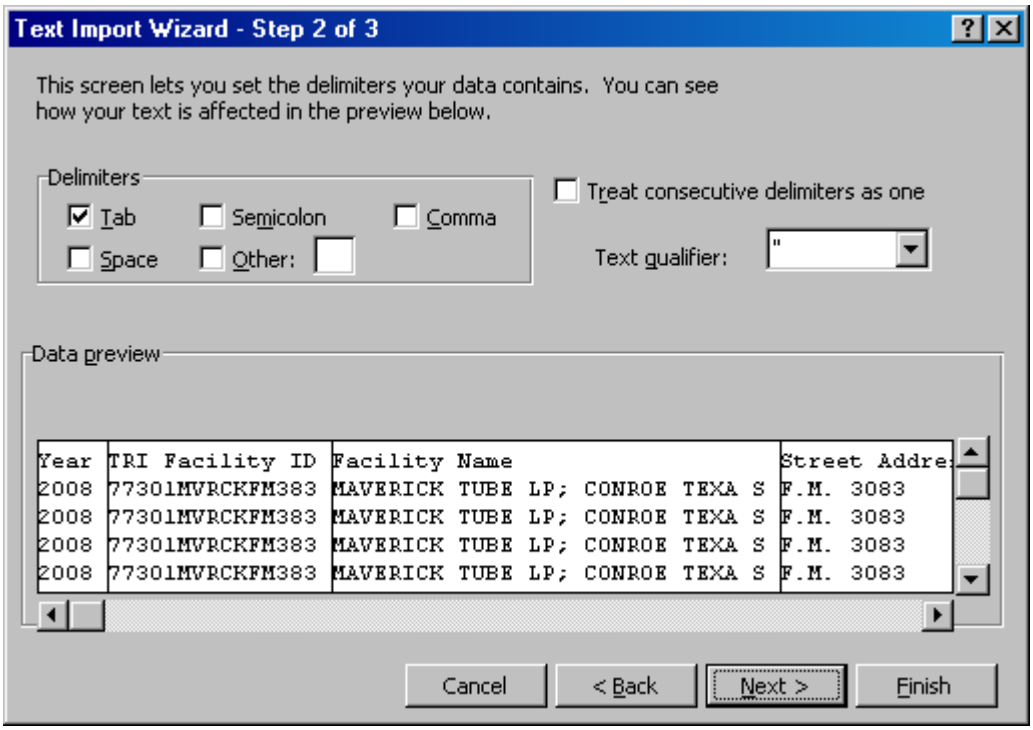
6. Highlight (click on) the *TRI Basic Plus Data File* you want to open and then click the "Open" button. See the example below where I navigate to the C:\My_Dir directory and select the **AL_1_2008_v08.txt** file to open



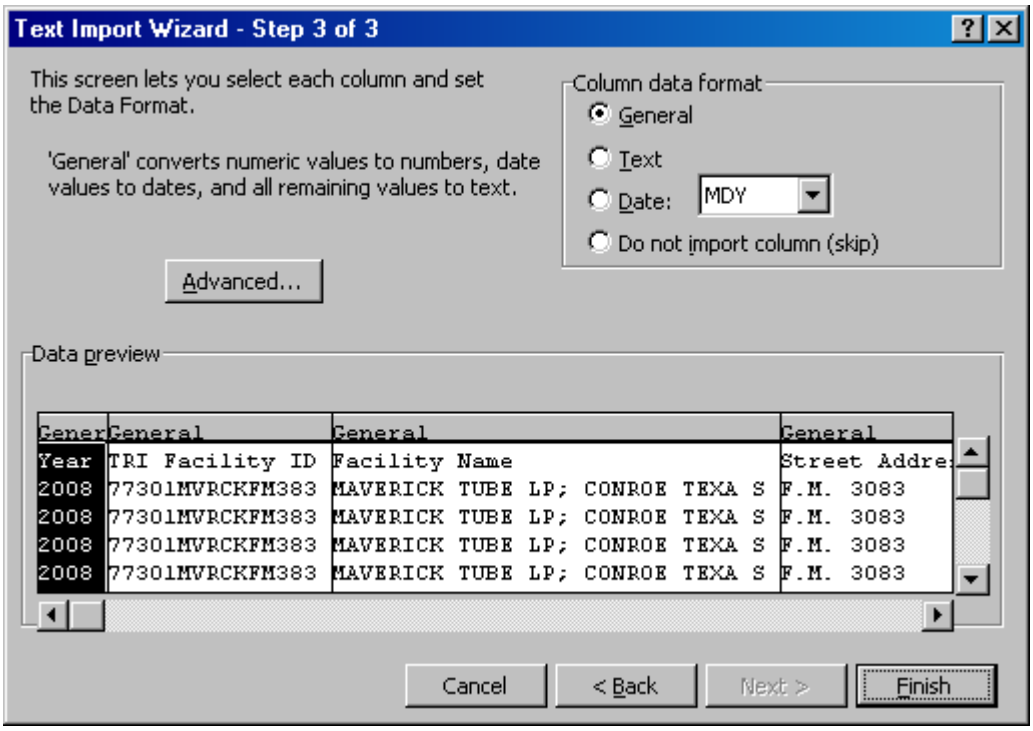
7. A new pop-up window appears entitled “Text Import Wizard – Step 1 of 3”. It asks you to “Choose the file type that best describes your data”. This is the first of three pop-up wizard windows that will appear. Choose, “Delimited" and click “Next”. See example below.



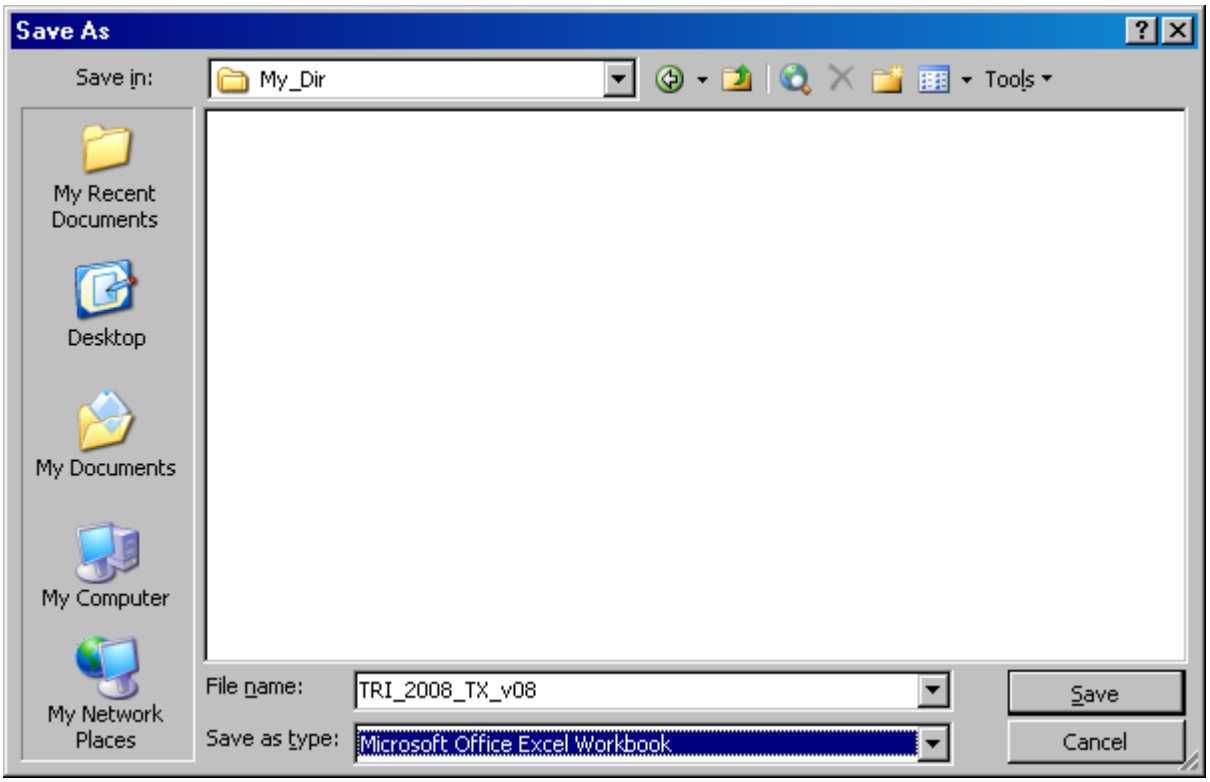
8. The next pop-up window asks you to specify the Delimiter. TAB is selected by default. The file is Tab delimited so set the delimiter as “Tab” Also, choose “None” as the Text qualifier. Then click “Next”. See example below.



9. Another pop-up window (the third and final window of the wizard) appears asking you to set the data format for each column. You can leave most of the columns alone. However, you should change the "ZIP", the "Doc_Ctrl_Num" and the "CAS# / Compound Id" columns to text. To do that, scroll horizontally across until you see the "ZIP" column. It's the 8th column across. Highlight the "ZIP" column by clicking on it. It should turn black with white text. Above in the "Column Data Format" selection area click on the "Text" radio button. That's all that's needed. Now scroll across and find the "Doc_Ctrl_Num" and "CAS#/Compound Id" columns. Follow the same procedure as stated above to convert them to "Text" columns. When you done, click the "Finish" button at the bottom of the pop-up box. Note, if any of the other columns don't load as you think they should, try re-opening the file and change any problematic columns to text. See below for an example.



10. The file should open up in Excel with everything formatted correctly in each column. Technically, the file is still an ASCII Text file with TAB delimiters. <u>You should save the file as an Excel (.xls) file so that you can re-open it without going through this whole procedure again</u>. To do that, go up to the menu bar and click on "File" and "Save As". Navigate to the directory where you want to save the file. At the bottom of the pop-up window, choose "Microsoft Excel Workbook (*.xls)" from the drop down list as the "Save as Type". Click the "Save" button. See the example below:



11. The loading of the *TRI Basic Plus Data File* into Microsoft Excel is complete.

Appendix D:

Loading the "TRI Basic Plus Data Files" into Microsoft (MS) Access

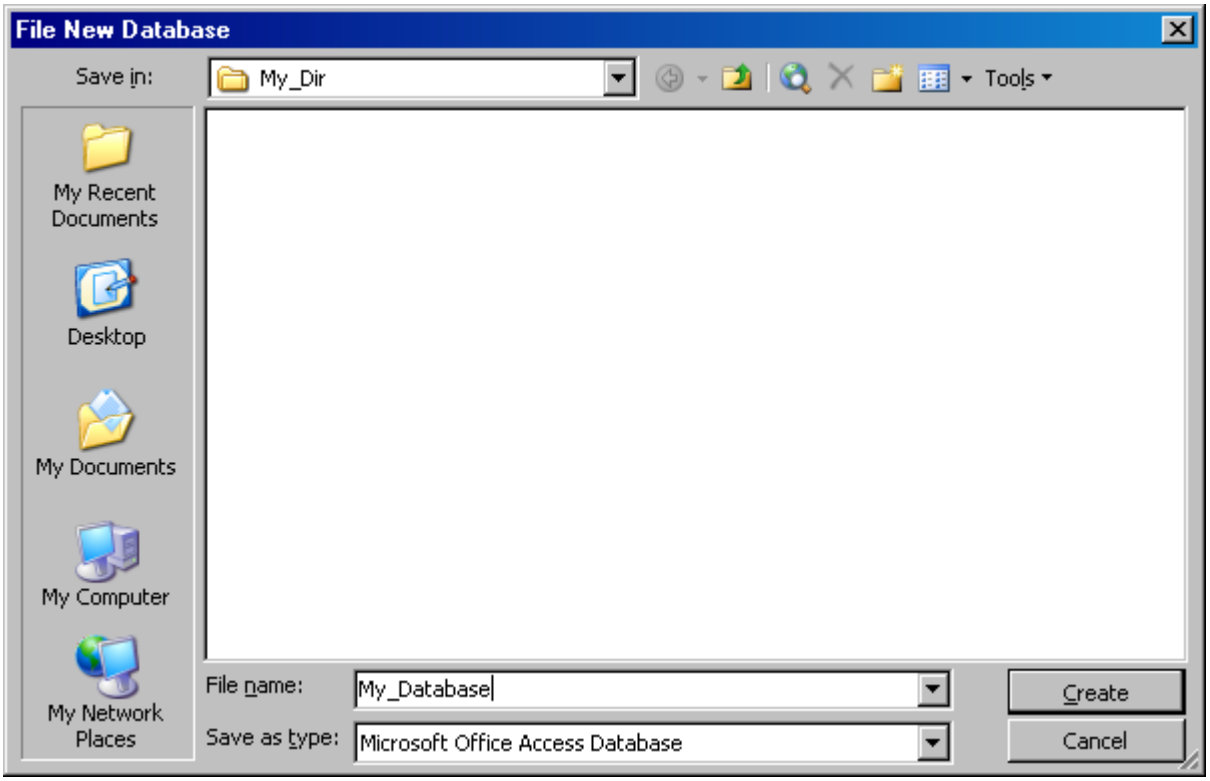
1. Save the *TRI Basic Plus Data File* to your computer.

   For this example, the file name is **AL_1_2008_v08.txt**
   The file will be saved to the **C:\My_Dir directory**

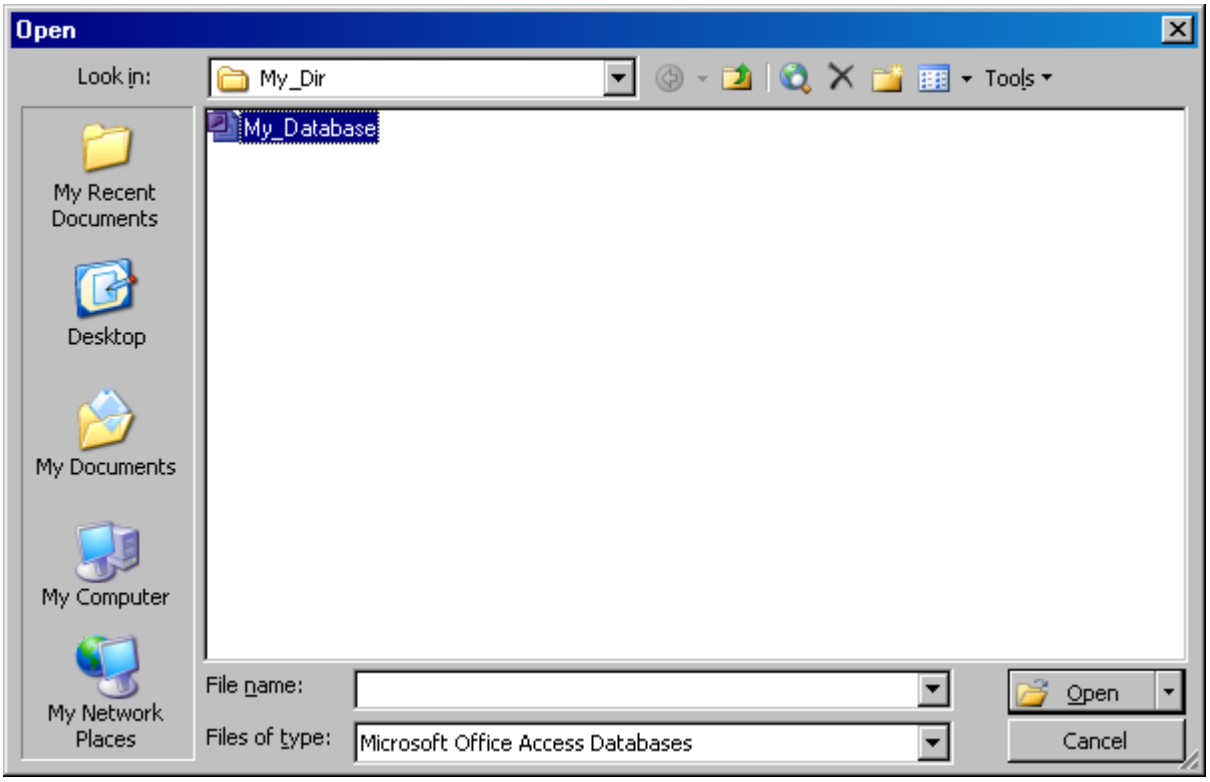
2. Open MS Access

3. An Access database must first exist before you can load the *TRI Basic Plus Data File* into it. So, you either have to create a new database or open an existing database. For instructions on creating a new database go to Sep 4 If you've already created a database and want to load the *TRI Basic Plus Data File* into it, skip to Step 5.

4. To create a new database, choose File | New from the file menu. Then choose "Blank database". A pop-up box will appear that will allow you to name the new database, navigate to a directory and save it there. Name the new database by typing a name into the "File Name" text box. In the example below, I named the database "My_Database.mdb". Then navigate to a directory and save the file by clicking the "Create" button. In the example below, I save the database to C:\My_Dir. See the example below. Once you've created the new database skip to Step 6.

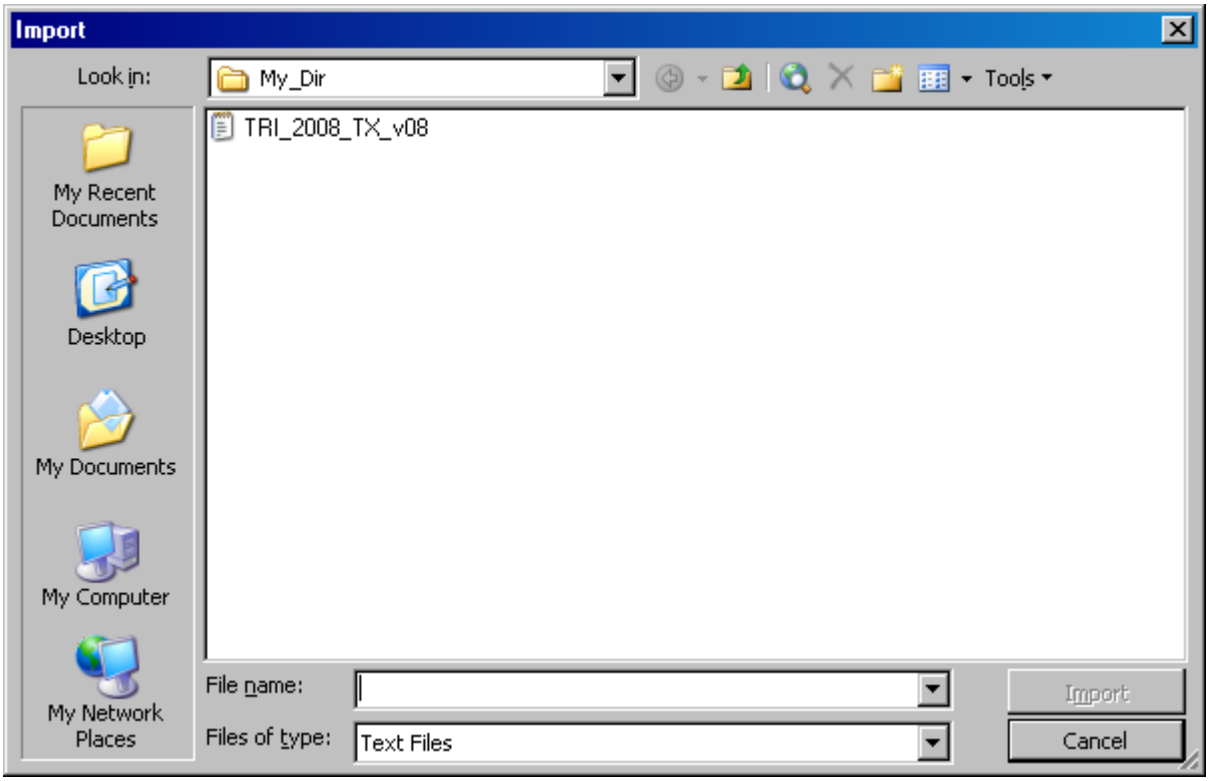


5. To open an existing database, choose File | Open from the file menu. A pop-up box will appear that will allow you to search for the database you want to open. Navigate to the correct directory and then click on the file name of the database you want to open. In the example below, I navigate to C:\My_Dir and click on the My_Database.mdb database. Finally, click the "Open" button to open the database. See the example below.

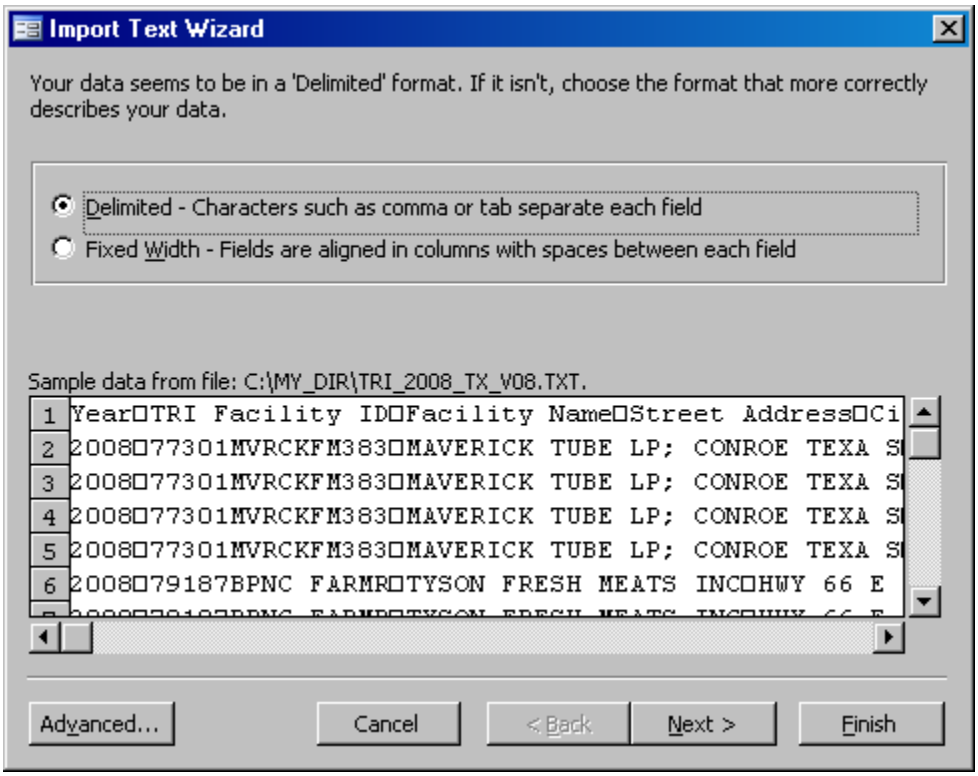


6. Now that you have you've created a new database or you have opened an existing database, you can actually load the *TRI Basic Plus Data File*. To do this, click on "File" then "Get External Data" then "Import".

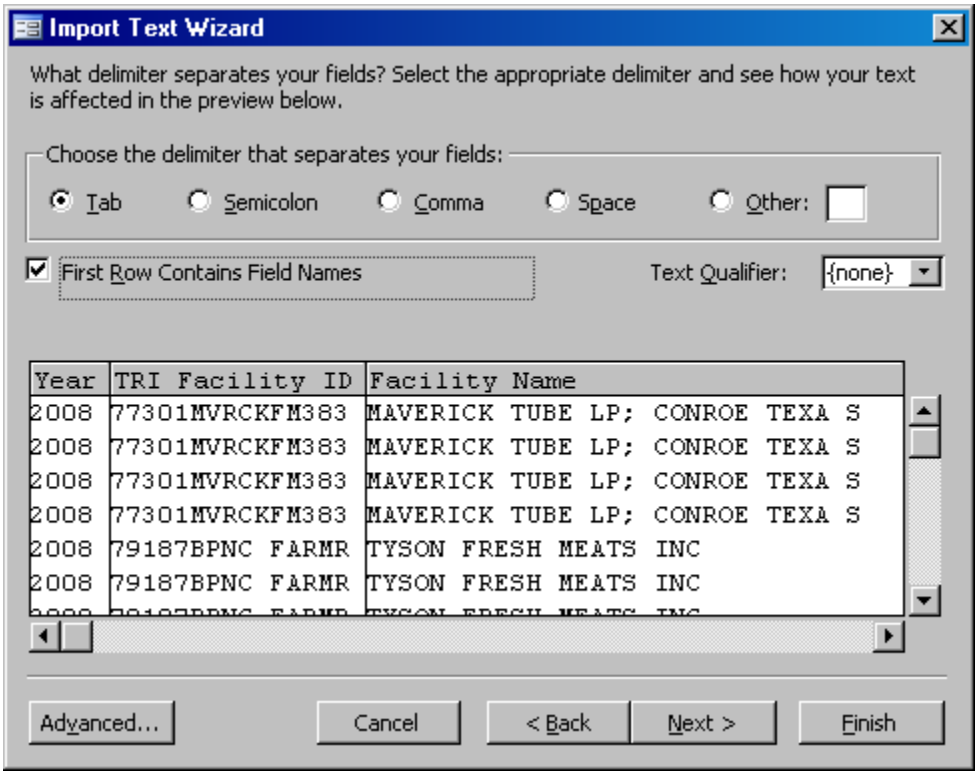
7. The “Import” window will open. Navigate to the directory where you saved the *TRI Basic Plus Data File.* Remember to go to the bottom of the “Import” window and select “Text Files (*.txt; *.csv; *.tab; *.asc)” for the “Files of Type”. The *TRI Basic Plus Data File* you saved should now appear in the window. Click on it. Then, click the “Import” button at the bottom of the screen. See below for an example.



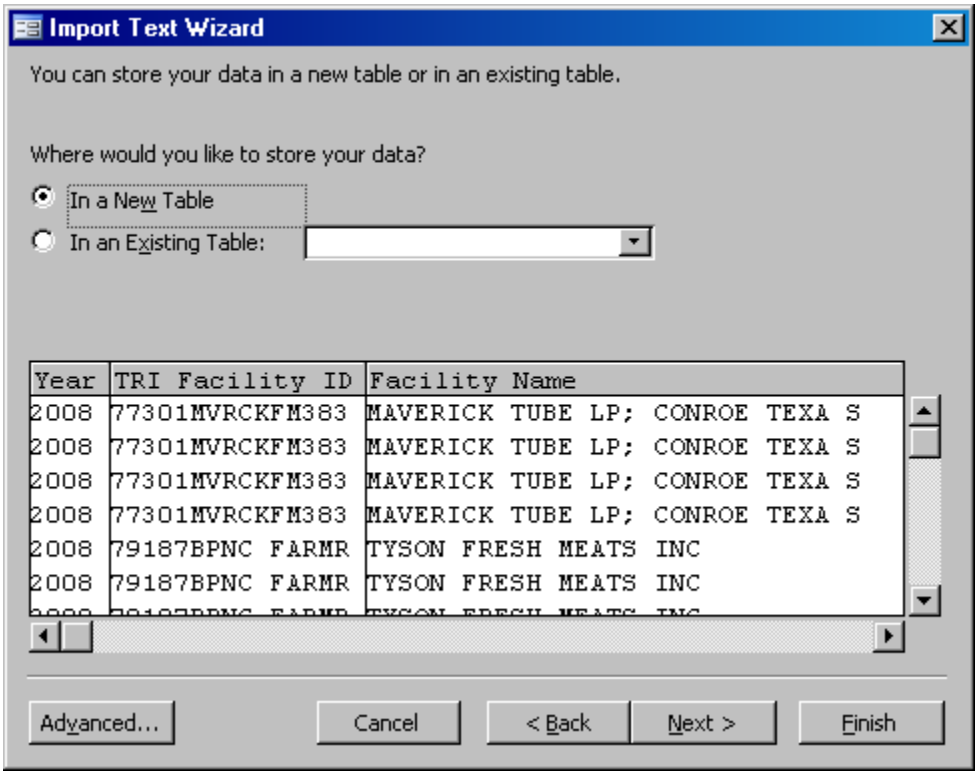
8. An “Import C Wizard” should appear. It initially asks you to choose the format that best describes that data file you want to import. Choose “Delimited”. Then click the “Next” button at the bottom of the screen.



9. The next window asks you to choose the delimiter that separates your fields. Choose, “Tab”. Also click the check box next to “First Row Contains Fields Names”. Choose “None” as the text qualifier. It should be the default. Finally, click the “Next” button at the bottom of the screen. See the example below.



10. The next window asks you where you'd like to store your data. You can choose "In a New Table" or "In an Existing Table. For this example, I'm going to store the data into a new table. If you load multiple *TRI Basic Plus Data Files* you many want to initially load the data into a new table, and then subsequently load other data files into the same (existing) table. Click "Next" to continue. See the example below.



11. The final window asks you to specify information about each data field you are importing (loading) into MS Access. You must change the data type of a few fields get them to load correctly.

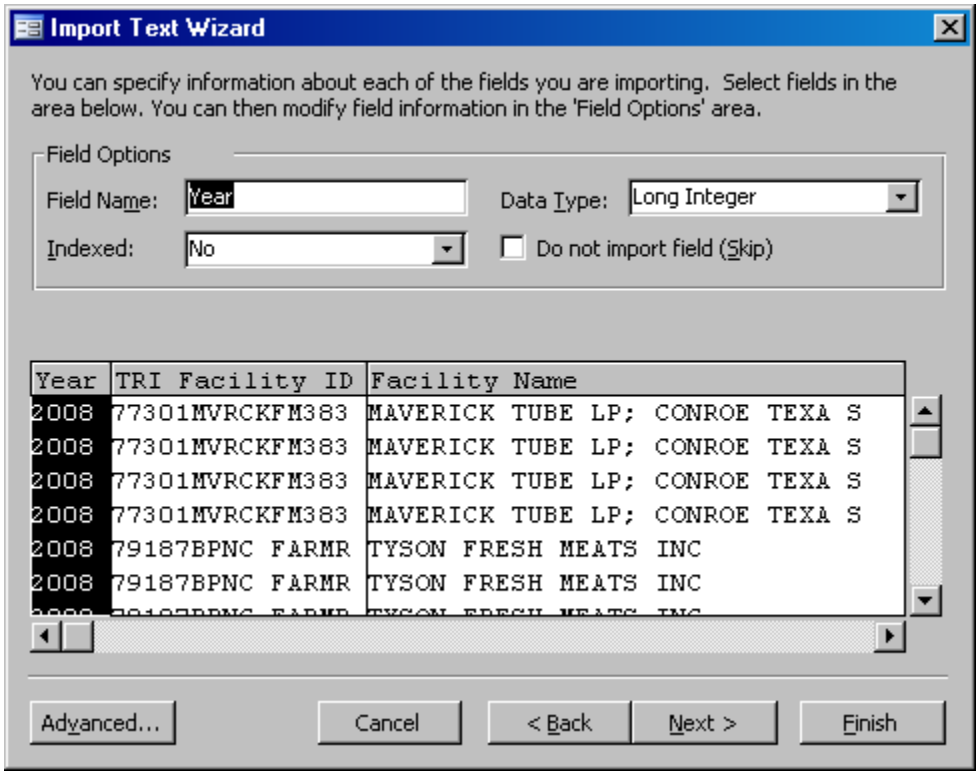
The fields you must change the data type to “Text” are as follows:

Facility_Zip_Code
Mailing_Zip_Code
All the SIC Codes {Primary SIC, SIC2, SIC3, SIC4, SIC5, SIC6}
All the NAICS Codes {Primary NAICS, NAICS1, NAICS2, … NAICS6}
Doc_Ctrl_Num
CAS# / Compound Id
Date_Signed
Public_Contact_Phone

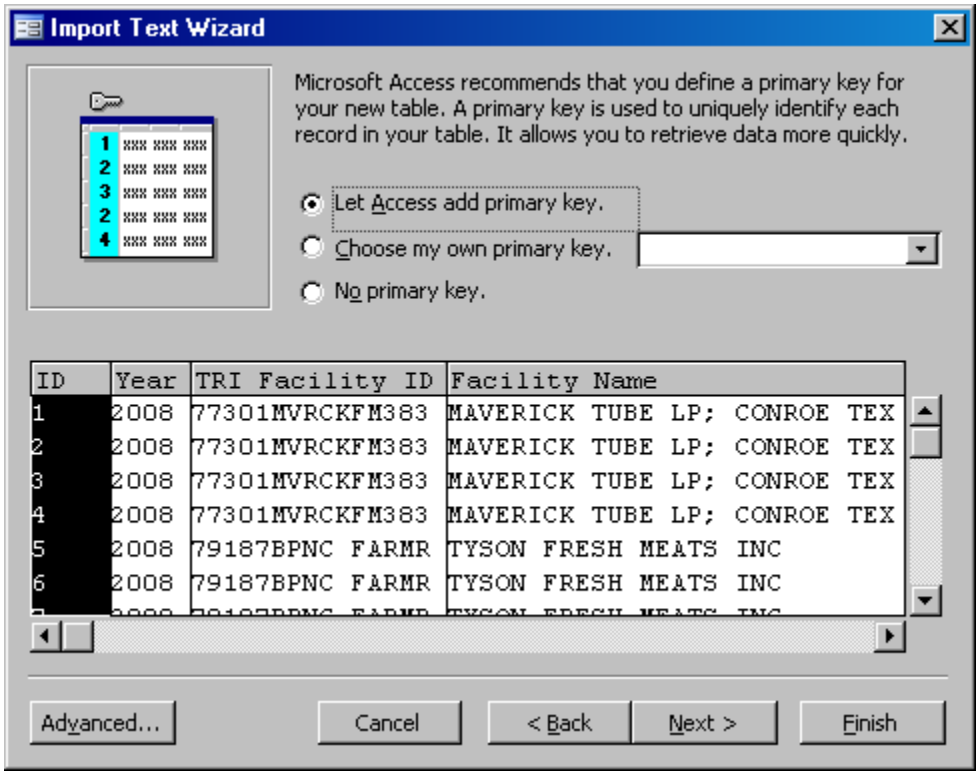
The fields you must change the data type to “Double” are as follows:

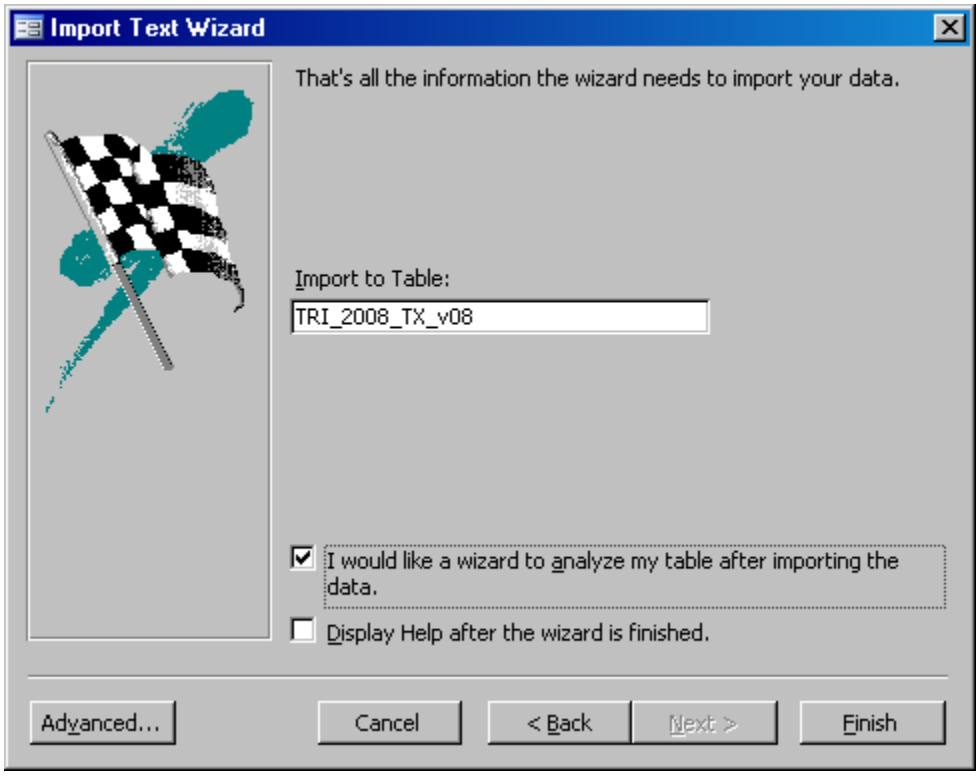
Total Underground Injection
Total On-Site Land Releases

To change the data type for each field, simply use the scroll bar at the bottom of the window to locate each field (i.e. Facility_Zip_Code) . When it comes into view on the window, click on the column. It will turn to black with white text in it. In the top right corner of the pop-up, click on the correct data type for the field from the selections in the “Data Type” drop down. Make this adjustment for each of the fields listed above. When you’ve addressed each of the fields, click the “Finish” button on the bottom of the window. See below for an example. Another way to change the data types of the fields is to click the “Advanced” button and follow the instructions.

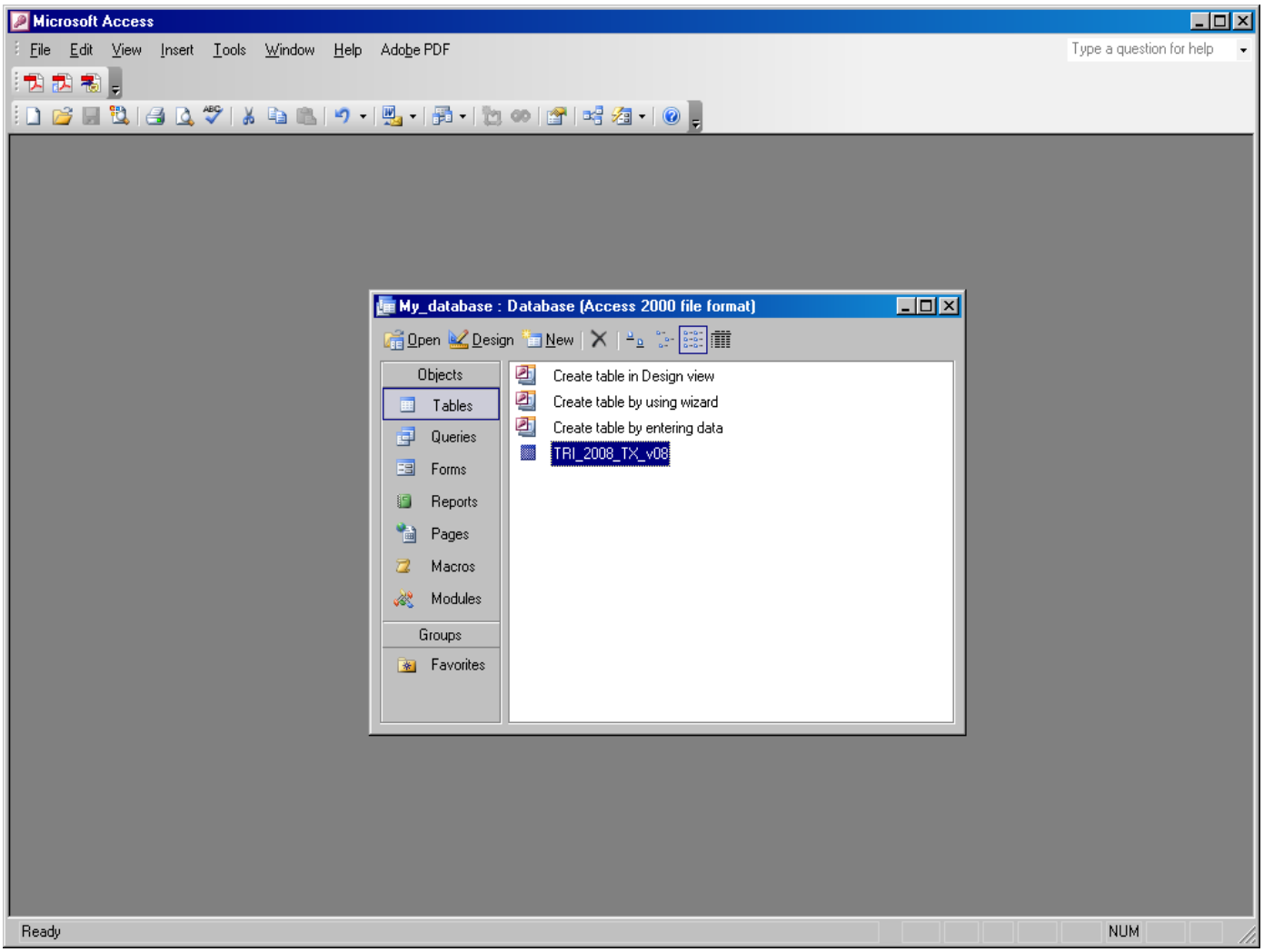


12. Microsoft Access recommends that you define a primary key for your table





14. The data will load into new table that will have the same name as the input file. In this example, the new table name is **AL_1_2008_v08.**. See below for an example.



14. The loading of the *TRI Basic Plus Data File* into Microsoft Access is complete.